DIRECTORY OF EXTRAMURAL RESEARCH & DEVELOPMENT PROJECTS

2017-18

सत्यमेव जयते

GOVERNMENT OF INDIA

MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
CENTRE FOR HUMAN AND ORGANISATIONAL RESOURCE DEVELOPMENT (CHORD)
NATIONAL SCIENCE AND TECHNOLOGY MANAGEMENT INFORMATION SYSTEM (NSTMIS)
NEW DELHI – 110 016

DECEMBER 2020

CHORD/NSTMIS TECHNICAL TEAM

Dr. Parveen Arora,
Adviser & Head CHORD Division
Department of Science & Technology (DST)
Technology Bhavan, New Delhi – 110016
Tel: 011-26590331
Email: parora@nic.in, Web site: www.nstmis-dst.org

CONTACT:

Shri P.K. Arya,
Scientist-B
CHORD Division
Department of Science & Technology (DST)
Technology Bhavan, New Delhi – 110016
Tel: 011- 26590659
Email: pk.arya@nic.in, Web site: www.nstmis-dst.org

Directory is available on-line at – http://www.nstmis-dst.org

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PREFACE

Extramural Research and Development (R&D) projects support is a peer reviewed competitive grant mechanism of the Central Government to promote, catalyze and advance R&D and innovation in the country and provides special encouragement to scientists to pursue a research career. **Centre for Human and Organisational Resource Development (CHORD)** division **erstwhile NSTMIS** division of the Department of Science and Technology (DST) has been collating, analyzing and disseminating information on Extramural Research and Development projects funded by various scientific agencies. Directory of Extramural R&D projects approved for funding by selected Central Government Departments/Agencies is being published by this department annually since 1990-91. Since 2000-01, the task for preparing the directory has been sponsored to Manpower Management Centre (MMC), New Delhi. The present directory, twenty-eighth in the series is an outcome of the efforts made in this regard for the projects funded during the year 2017-18 by various scientific agencies of the Government.

This directory contains information on 4137 R&D projects approved for funding by 14 scientific agencies/departments during 2017-18. The directory begins with brief overview and analysis of the data and provides the projects details such as title, address of principal investigator, duration, name of funding agency/scheme and funds approved have been provided based on the data received from the funding agencies. The projects have been classified into 8 major subject areas such as Agricultural Sciences, Biological Sciences, Chemical Sciences, Earth Sciences, Engineering & Technology, Mathematics, Medical Sciences and Physical Sciences. For reference, indexes on the name of Principal Investigator, Institute and State are appended.

An online Dashboard of Extramural R&D has been developed to facilitate online data collection to ensure maximum participation from various scientific agencies. It also helps in usage and data analytics of extramural R&D by varied stakeholders including policymakers in S&T sector.

New Delhi
December, 2020

(Dr. Parveen Arora)
Adviser & Head
CHORD Division

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ABOUT THE DIRECTORY

INTRODUCTION

Centre for Human and Organisational Resource Development (CHORD) division of the Department of Science & Technology (DST) has been compiling information annually on extramural (also called sponsored) R&D projects since 1990-91 in order to exchange information on Research and Development (R&D) projects with different interest groups. This compiled information is published as an annual Directory of Extramural Research and Development projects approved for funding by various agencies during the year.

The task of collecting, compiling, analyzing and publishing the directory for the year 2017-18 was sponsored by the Department of Science & Technology to the Manpower Management Centre (MMC), New Delhi. The present directory, 28th in the series, provides details of 4137 sponsored R&D projects approved during the year 2017-18 by 14 Central Government Ministries/Departments/Agencies.

The following Ministries/Departments/Agencies of the Central Government have furnished the list of projects approved by them:

1. All India Council for Technical Education (AICTE)
2. Council of Scientific and Industrial Research (CSIR)
3. Defence Research and Development Organisation (DRDO)
4. Department of Biotechnology (DBT)
5. Department of Coal (DOC)
6. Department of Science and Technology (DST)
7. Indian Council of Agricultural Research (ICAR)
8. Indian Council of Medical Research (ICMR)
9. Indian Space Research Organisation (ISRO)
10. Ministry of AYUSH (AYUSH)
11. Ministry of Earth Sciences (MOES)
12. Ministry of New & Renewable Energy (MNRE)
13. Ministry of Water Resources (MOWR)
14. University Grants Commission (UGC)

Note:
The addresses of all above mentioned funding agencies are given in **Annexure-1**.

LIMITATIONS

The data on Extramural R&D projects was collected from a number of Divisions in the Central Scientific Ministries/Departments/Agencies as per the standardized questionnaire designed by the CHORD, DST. Each division in the Central Scientific Ministries/Departments/Agencies has several schemes coordinated by various officials resulting in multiple contact points of interaction for collection of desired information which at times becomes a fairly time-consuming process. At times shortage of staff at these Ministries/Departments/Agencies leads to delay of data dissemination and hence requires multiple follow-ups over recurring months to get the data completely. 21 funding agencies were approached of which 14 provided data for the year 2017-18. Despite repeated efforts and personal visits by survey research team of MMC, quite a few funding agencies did not provide any data or provided only partial data. Moreover, data accuracy is also a challenge as data provided by several funding agencies was in abbreviated form such as acronym of Institution, name, missing designations, incomplete addresses/PIN of the Institutes, no details regarding duration of the projects & subject-areas etc. As a judicious exercise, survey team cross-validated data on funding agencies website's however most updated data was not available on some websites. The survey research team had to put in extra efforts to complete this information by communicating several times with the funding agencies. As the listing of projects is based on the inputs received from the responding agencies, it is presumed that the information furnished by them was complete. The project cost refers to the initial approved cost of the project for the initial approved duration of the project. However, it is quite possible that some of the projects mentioned in this directory may not be R&D Projects in the strict sense of the term.

ORGANISATION OF THE DIRECTORY

The projects have been listed in the directory by major subject area-wise. Under each major subject area, the projects have been arranged by funding agency-wise and also scheme-wise within funding agency. Under each scheme, the projects have been arranged alphabetically as per the title of the project. For each project, the information included is record number, title of the project, name of the funding agency/scheme, name and address of the investigator/institute, approved cost of the project and the duration of the project. The third column of the directory gives the name of funding agency and scheme. For example, this has been given as "DST-IRPHA". Here "DST" is the name of the funding agency i.e. 'Department of Science and Technology' and "IRPHA" is the acronym used for the name of the scheme under which the project was approved i.e. 'Intensification of Research in High Priority Areas'. For explanation of abbreviations/acronym for the agencies and schemes, the readers are advised to see **Table 1 & 2** under the Section **"BRIEF ANALYSIS"**. For a quick reference, Index pages on Principal Investigator and Institute etc., have been provided in the directory at the end. The addresses of the funding agencies have been given at **Annexure-1. Annexure-2** gives institute-wise extramural R&D support committed during the year 2017-18. A brief analysis on the pattern of funding during the year 2017-18 is given in the following paragraphs.

BRIEF ANALYSIS

As shown in **Table 1,** 4137 new extramural R&D projects costing **Rs. 2036.32 Crore** were approved by 14 responding agencies during the year 2017-18. Detailed Scheme-wise support to these extramural R&D projects by responding agencies is given in **Table 2.**

TABLE 1

AGENCY-WISE SUPPORT TO EXTRAMURAL R&D PROJECTS APPROVED DURING 2017-18

S. No.	Department/Ministry/Agency	No. of Projects		Total Approved Cost (Rs. Crore)	
		No.	%age	Rs.	%age
1	All India Council for Technical Education (AICTE)	101	2.44	13.83	0.68
2	Council of Scientific and Industrial Research (CSIR)	259	6.26	49.64	2.44
3	Defence Research and Development Organisation (DRDO)	132	3.19	49.86	2.45
4	Department of Biotechnology (DBT)	807	19.50	629.09	30.89
5	Department of Coal (DOC)	6	0.15	15.12	0.74
6	Department of Science and Technology (DST)	2468	59.66	1133.00	55.64
7	Indian Council of Agricultural Research (ICAR)	59	1.42	13.13	0.64
8	Indian Council of Medical Research (ICMR)	77	1.86	27.52	1.35
9	Indian Space Research Organisation (ISRO)	81	1.96	17.22	0.85
10	Ministry of AYUSH (AYUSH)	31	0.75	13.98	0.69
11	Ministry of Earth Sciences (MOES)	35	0.85	25.56	1.26
12	Ministry of New & Renewable Energy (MNRE)	4	0.1	44.81	2.20
13	Ministry of Water Resources (MOWR)	1	0.02	1.65	0.08
14	University Grants Commission (UGC)	76	1.84	1.91	0.09
	Total	**4137**	**100**	**2036.32**	**100**

Note:

- 'Nil' Reports were provided by five Department/Ministry/Agencies namely:
  Department of Scientific and Industrial Research (DSIR), Ministry of Electronics & Information Technology (MEITY), Ministry of Environment, Forests & Climate Change (MOEFCC), Ministry of Power (MOP) and Ministry of Steel (MOS).
- Two Funding Agencies namely Department of Atomic Energy (DAE) and Petroleum Conservation Research Association (PCRA) did not provide data.
- The addresses of all the above agencies are given in **Annexure-1.**

TABLE 2

SCHEME-WISE SUPPORT TO EXTRAMURAL R&D PROJECTS APPROVED DURING 2017-18

S. No.	Department/Ministry/Agency - Schemes	Number of Projects	Total Approved Cost (Rs. Crore)
1	**All India Council for Technical Education (AICTE)**		
	- Research Promotion (RP)	101	13.83
2	**Council of Scientific and Industrial Research (CSIR)**		
	- Emeritus Scientist (ES)	9	2.08
	- General Scheme (GS)	247	46.44
	- Sponsored Scheme (SS)	3	1.12
3	**Defence Research and Development Organisation (DRDO)**		
	- Aeronautical Research & Development Board (AR&DB)	14	3.38
	- Armament Research Board (ARRB)	8	4.08
	- Extramural Research & Intellectual Property Rights (ER&IPR)	58	24.47
	- Life Science Research Board (LSRB)	26	9.50
	- Naval Research Board (NRB)	26	8.43
4	**Department of Biotechnology (DBT)**		
	- Research & Development (R&D)	807	629.09
5	**Department of Coal (DOC)**		
	- Science & Technology (S&T)	6	15.12
6	**Department of Science and Technology (DST)**		
	- Biomedical Device & Technology Development (BDTD)	15	7.51
	- Clean Energy Research Initiative (CERI)	63	109.00
	- Intensification of Research in High Priority Areas (IRHPA)	1	4.92
	- Interdisciplinary Cyber Physical Systems (ICPS)	11	4.16
	- International Bilateral Cooperation (IBC)	327	78.12
	- International Multilateral & Regional Cooperation (IMRC)	13	7.29
	- Mega Facilities for Basic Research Programme (MEGASC)	2	11.36
	- Natural Resources Data Management System (NRDMS)	26	9.24
	- Scheduled Caste Sub Plan (SCSP)	9	2.73
	- Scheme for Young Scientists & Technologists (SYST)	60	14.05
	- Science & Engineering Research Board - Core Research Grant (SERB-CRG)	729	296.87
	- Science & Engineering Research Board - Early Career Research Award (SERB-ECRA)	442	140.37
	- Science & Engineering Research Board - Empowerment & Equity (SERB-EMEQ)	231	78.67
	- Science & Engineering Research Board - High Risk High Reward (SERB-HRHR)	1	0.88
	- Science & Engineering Research Board - Industry Relevant Research & Development (SERB-IRRD)	2	0.69

	- Science & Engineering Research Board - Start-Up Grant for Young Scientists (SERB-YSS)	2	0.50
	- Science & Technology for Women (WS)	9	3.30
	- Solar Energy Research Initiative (SERI)	48	126.20
	- SPLICE - Climate Change Programme (SPLICE-CCP)	30	60.46
	- Technology Development Programme (TDP)	18	13.03
	- Technology Intervention for Mountain Ecosystem: Livelihood Enhancement through Action Research & Networking Programme in North-Western Himalayas (TIME-LEARN)	1	0.31
	- Technology Interventions for Addressing Societal Needs (TIASN)	14	10.43
	- Technology Interventions for Disabled & Elderly Programme (TIDE)	19	7.00
	- Technology Interventions for Empowerment of Tribal Population (TITE)	6	2.02
	- Waste Management Technologies (WMT)	19	9.55
	- Water Technology Initiative Programme (WTI)	63	53.61
	- Women Scientist Scheme - A (WOS-A)	307	80.73
7	**Indian Council of Agricultural Research (ICAR)**		
	- Agricultural Education - Extramural Fund (AGEDU)	23	0.92
	- Agricultural Engineering - Extramural Fund (AGENG)	36	12.21
8	**Indian Council of Medical Research (ICMR)**		
	- Ad-hoc (ADHOC)	77	27.52
9	**Indian Space Research Organisation (ISRO)**		
	- Research Sponsored (RESPOND)	51	11.99
	- Space Science Promotion (SSP)	30	5.23
10	**Ministry of AYUSH (AYUSH)**		
	- Ayurveda - Extramural Research (AYURVEDA)	9	3.67
	- Homoeopathy - Extramural Research (HOMOEOPATH)	1	0.60
	- Siddha - Extramural Research (SIDDHA)	1	0.31
	- Unani - Extramural Research (UNANI)	10	5.08
	- Yoga & Naturopathy - Extramural Research (YOGA)	10	4.32
11	**Ministry of Earth Sciences (MOES)**		
	- R&D in Earth & Atmospheric Sciences (R&DEAS)	35	25.56
12	**Ministry of New & Renewable Energy (MNRE)**		
	- Research, Development & Demonstration (RDD)	4	44.81
13	**Ministry of Water Resources (MOWR)**		
	- Research & Development for Water Resources Management (R&D WRM)	1	1.65
14	**University Grants Commission (UGC)**		
	- Minor Research Projects (MNRP)	76	1.91
	Total	**4137**	**2036.32**

FUNDING AGENCY-WISE ANALYSIS

Figure 1 shows the pattern of funding by various Central Government Extramural R&D sponsoring agencies. It may be seen that the Department of Science & Technology (DST) accounted for the maximum support of Rs. 1133.00 Crore (55.64%) followed by Department of Biotechnology with Rs. 629.09 Crore (30.89%). The two departments namely Department of Science & Technology (DST) & Department of Biotechnology (DBT) together played major role in extramural R&D funding in the country by contributing more than 86.53% of the total extramural R&D support at national level.

The other agencies that funded large sanctions have been the Defence Research and Development Organisation (DRDO), Council of Scientific and Industrial Research (CSIR) with Rs. 49.86 Crore (2.45%) and Rs. 49.64 Crore (2.44%) respectively. Ministry of New & Renewable Energy (MNRE) provided a funding support of Rs. 44.81 Crore (2.20%) and Indian Council of Medical Research (ICMR) provided funding of Rs. 27.52 Crore (1.35%).

R&D SUPPORT BY CENTRAL S&T AGENCIES DURING 2017-18

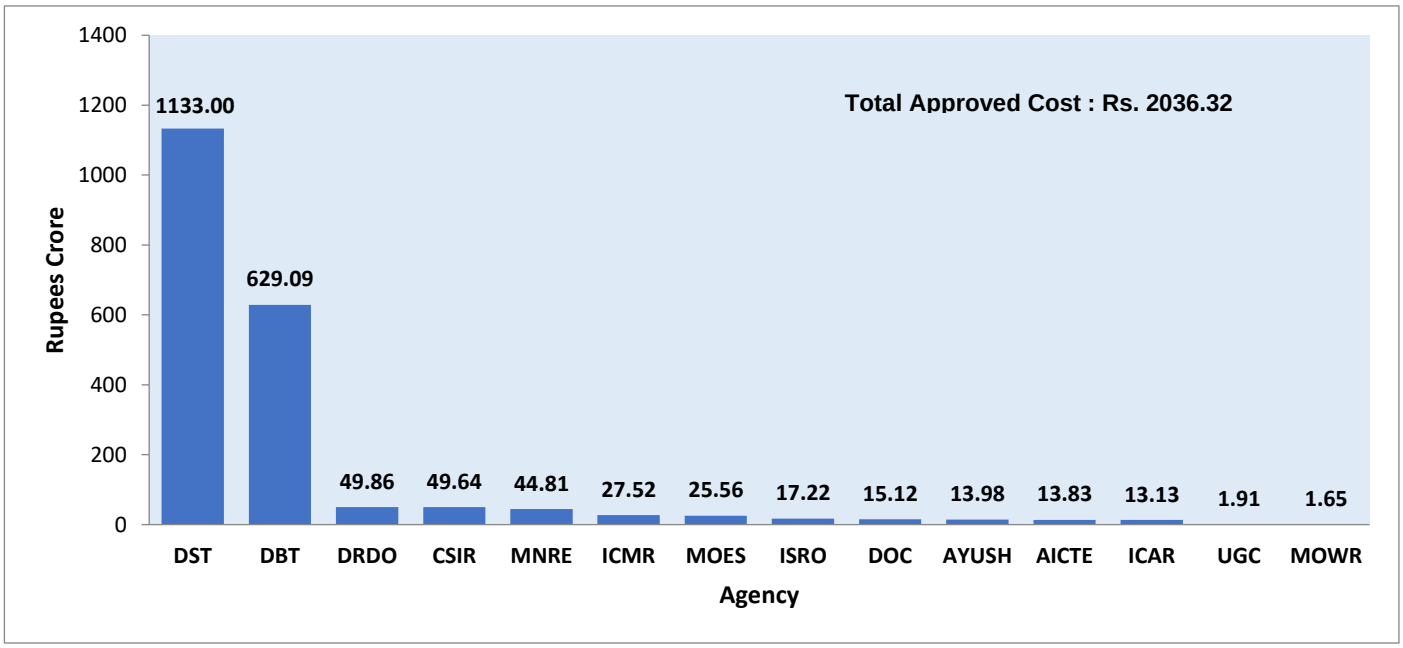

FIGURE 1

SUBJECT AREA-WISE ANALYSIS

The projects are classified in eight major subject areas as under:

a)	Agricultural Sciences	b)	Biological Sciences	c)	Chemical Sciences
d)	Earth Sciences	e)	Engineering & Technology	f)	Mathematics
g)	Medical Sciences	h)	Physical Sciences		

The classification of R&D projects has been done based on the **subject area** indicated by the agencies and also based on the title of the projects. Some of the projects may be multi-disciplinary in nature but have been classified into one of the subject areas mentioned above, depending on their major thrust. **Figure 2** shows number of extramural R&D projects approved in each subject area during the year 2017-18. It shows that maximum number of projects were in the subject areas Biological Sciences, Engineering & Technology and Chemical Sciences. Maximum number of projects were in the subject area of Biological Sciences i.e. 1297. Out of these 1297 projects, the maximum number of projects i.e. 773 were approved by the Department of Biotechnology (DBT) followed by 447 projects by Department of Science & Technology (DST), 61 projects by Council of Scientific and Industrial Research (CSIR). Engineering and Technology subject area received funding for a total 1192 projects; of which funding agencies namely DST (874), DRDO (111) and AICTE (80) contributed the maximum.

The next in order is 'Chemical Sciences' in which 473 projects were approved, as seen in **Figure 2**. Out of these, the maximum number of projects i.e. 363 were approved by Department of Science & Technology (DST) followed by 93 projects by Council of Scientific and Industrial Research (CSIR).

SUBJECT AREA-WISE NUMBER OF R&D PROJECTS APPROVED DURING 2017-18

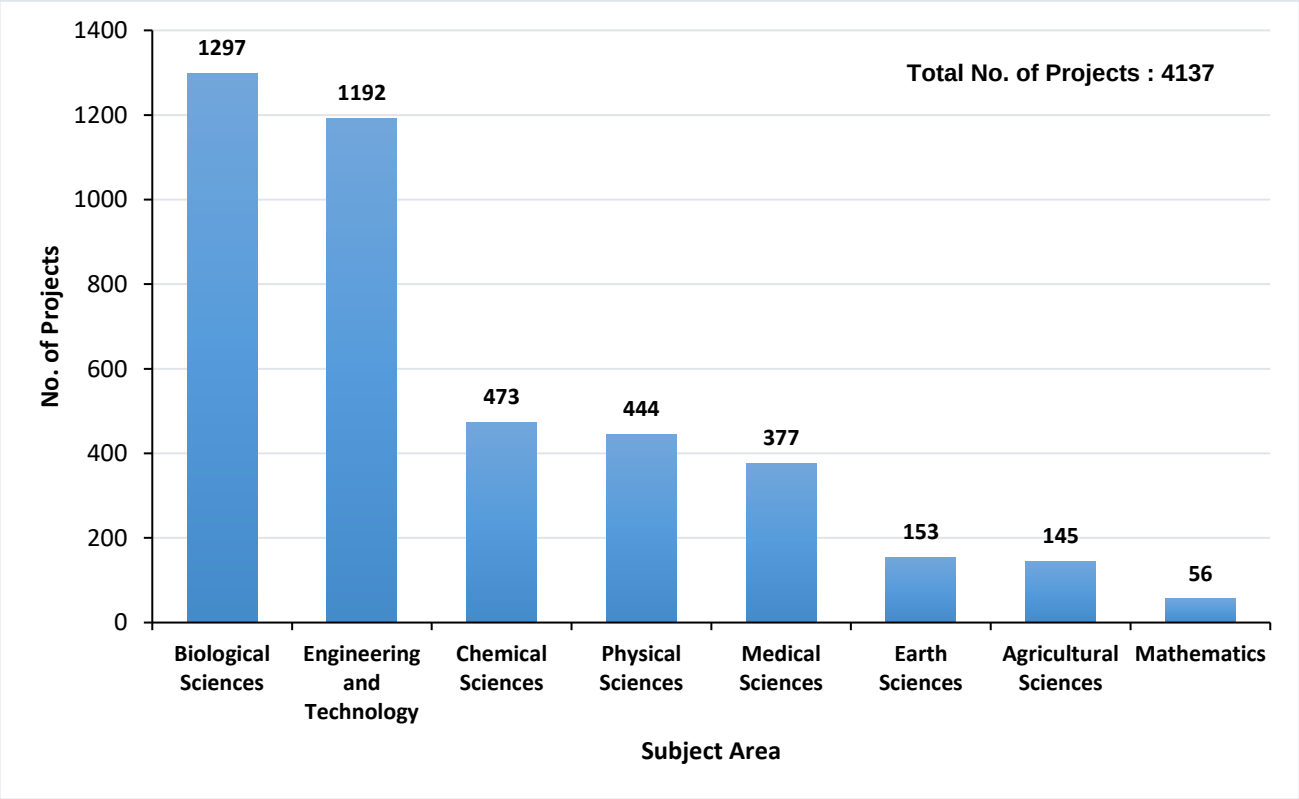

FIGURE 2

Figure 3 shows subject area-wise **R&D support** during the year 2017-18. Among the top 3 recipients subject areas **Biological Sciences** received maximum financial support of 38.43 per cent followed **Engineering and Technology** by at 33.29 per cent and **Physical Sciences** at 8.54 per cent. **Chemical Sciences** area received financial support of 7.26 per cent followed by **Medical Sciences** at 6.8 per cent. Projects in the area of **Earth Sciences** and **Agricultural Sciences** received financial support of 3 per cent and 2.27 per cent respectively. The least financial support of 0.41 per cent was received by **Mathematics**.

SUBJECT AREA-WISE R&D SUPPORT DURING 2017-18

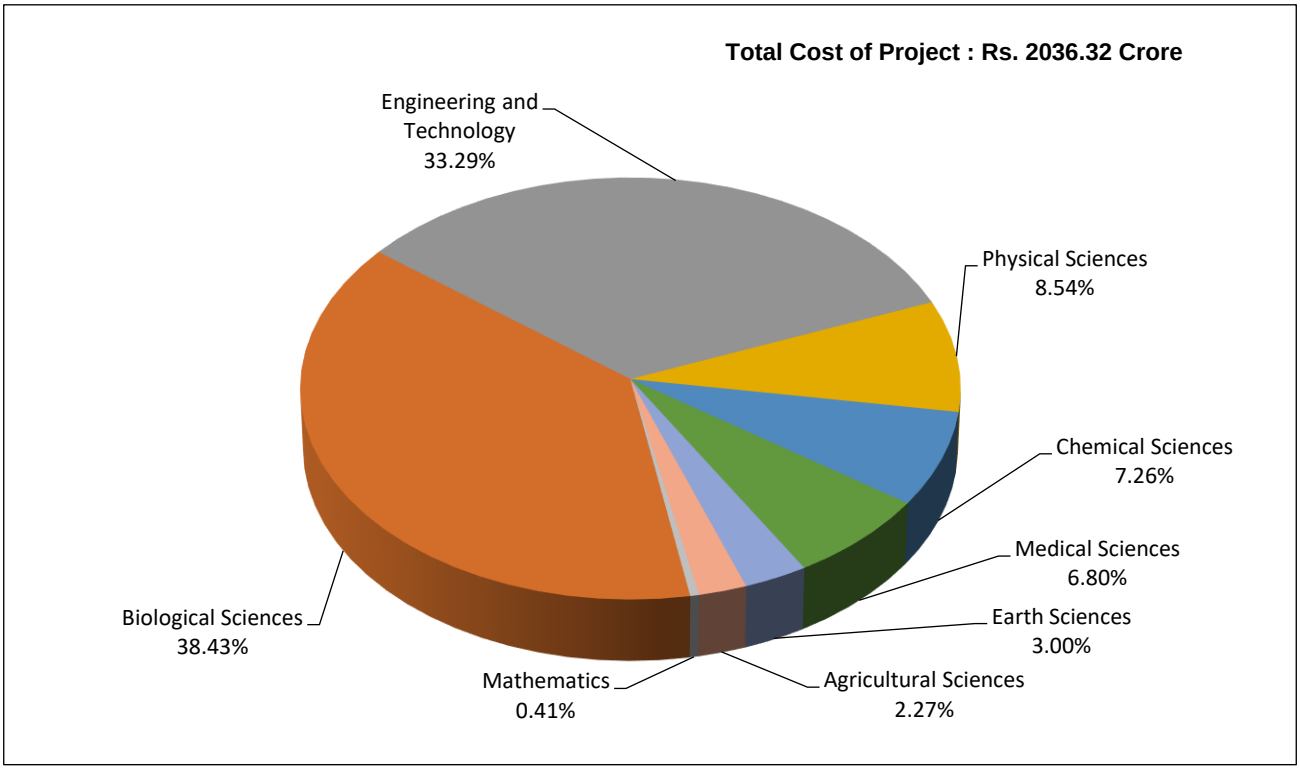

FIGURE 3

Table 3 gives information about the subject area-wise distribution of Extramural R&D projects along with their total approved cost.

TABLE 3

SUBJECT AREA-WISE DISTRIBUTION OF EXTRAMURAL R&D PROJECTS AND THEIR APPROVED COST DURING 2017-18

(Rs. Crore)

Subject Area	Number of Projects	Total Approved Cost
Agricultural Sciences	145	46.26
Engineering and Technology	1192	677.93
Medical Sciences	377	138.36
Natural Sciences :		
Biological Sciences	1297	782.62
Chemical Sciences	473	147.79
Earth Sciences	153	61.09
Mathematics	56	8.33
Physical Sciences	444	173.94
Total:	**4137**	**2036.32**

TYPES OF INSTITUTE-WISE ANALYSIS

The institutions have been classified into five categories such as:

A. Universities/Colleges
B. Deemed Universities
C. Institutes of National Importance
   - Indian Institute of Technology, All India Institute of Medical Sciences, Indian Statistical Institute, Indian Institute of Management and Indian Institute of Science Education & Research.
D. National Research Laboratories
   - Laboratories under CSIR, ICAR, ICMR, DRDO and autonomous institutions under Central Government Ministries/Departments, Central Public Sector Undertakings
E. Others
   - Institutions which are not covered under A, B, C & D above.

The distribution of Extramural R&D Projects by types of Institutes with their approved cost has been indicated in **Table 4.** The number given in column 2 in this Table refers to **unique institutes** which received 4137 projects for implementation.

TABLE 4

DISTRIBUTION OF EXTRAMURAL R&D PROJECTS BY TYPES OF INSTITUTES AND THEIR APPROVED COST DURING 2017-18

Types of Institutes	Number of Institutes	Number of Projects	Total Approved Cost (Rs. Crore)	Percentage of Total Approved Cost
(1)	**(2)**	**(3)**	**(4)**	**(5)**
Universities/Colleges	469	1622	550.1	27
Deemed Universities	22	256	153.09	8
Institutes of National Importance	63	1098	651.59	32
National Laboratories	38	302	145.84	7
Others	348	857	535.11	26
Total:	**940**	**4135**	**2035.73**	**100**
Individual Scientists*	**2**	**2**	**0.59**	**0**
G. Total:	**942**	**4137**	**2036.32**	**100**

***Note** : Distribution is shown at the end of Annexure 2.

Figure 4 hereunder shows the percentage distribution of number of projects and its approved cost by types of Institutions during the year 2017-18. The maximum number i.e. 39% of the projects were sanctioned to Universities/Colleges with financial support of 27%. Institute of National Importance received 27% of the projects with financial support of 32%. 21% of the total projects were given to Others category and 7% to National Laboratories with financial support of 26% and 7% respectively. 6% of the projects were given to Deemed Universities with financial support of 8%. The total financial support to academic sector (A, B & C categories) was 67%.

DISTRIBUTION OF R&D PROJECTS BY TYPES OF INSTITUTES AND APPROVED COST DURING 2017-18

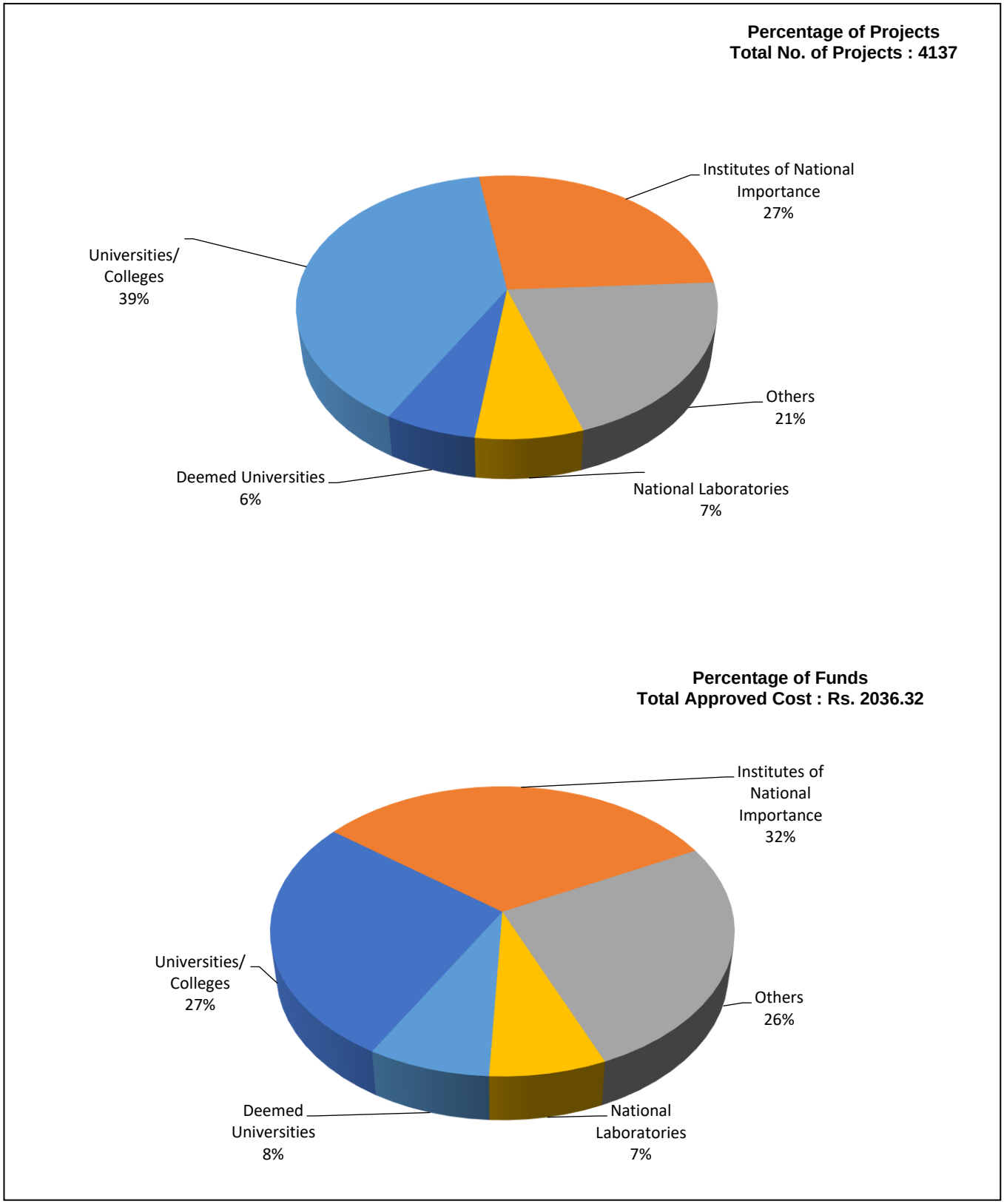

FIGURE 4

COST RANGE-WISE ANALYSIS

As per **Figure 5,** the analysis indicates that 2723 projects were in the cost range of Rs. 25 lakh & above. In addition to these, there were 1414 projects costing less than Rs. 25 lakh i.e. 492 projects were between the cost range of Rs. 20 to 25 lakh followed by 378 project in the cost range of Rs. 15 to 20 lakh. 216 projects were in the cost range of Rs. 10 to 15 lakh and 197 projects were between Rs. 5 to 10 lakh and 111 projects were between the cost range of Rs. 1 to 5 lakh. There were 20 projects costing less than Rs. 1 lakh.

DISTRIBUTION OF R&D PROJECTS BY APPROVED COST DURING 2017-18

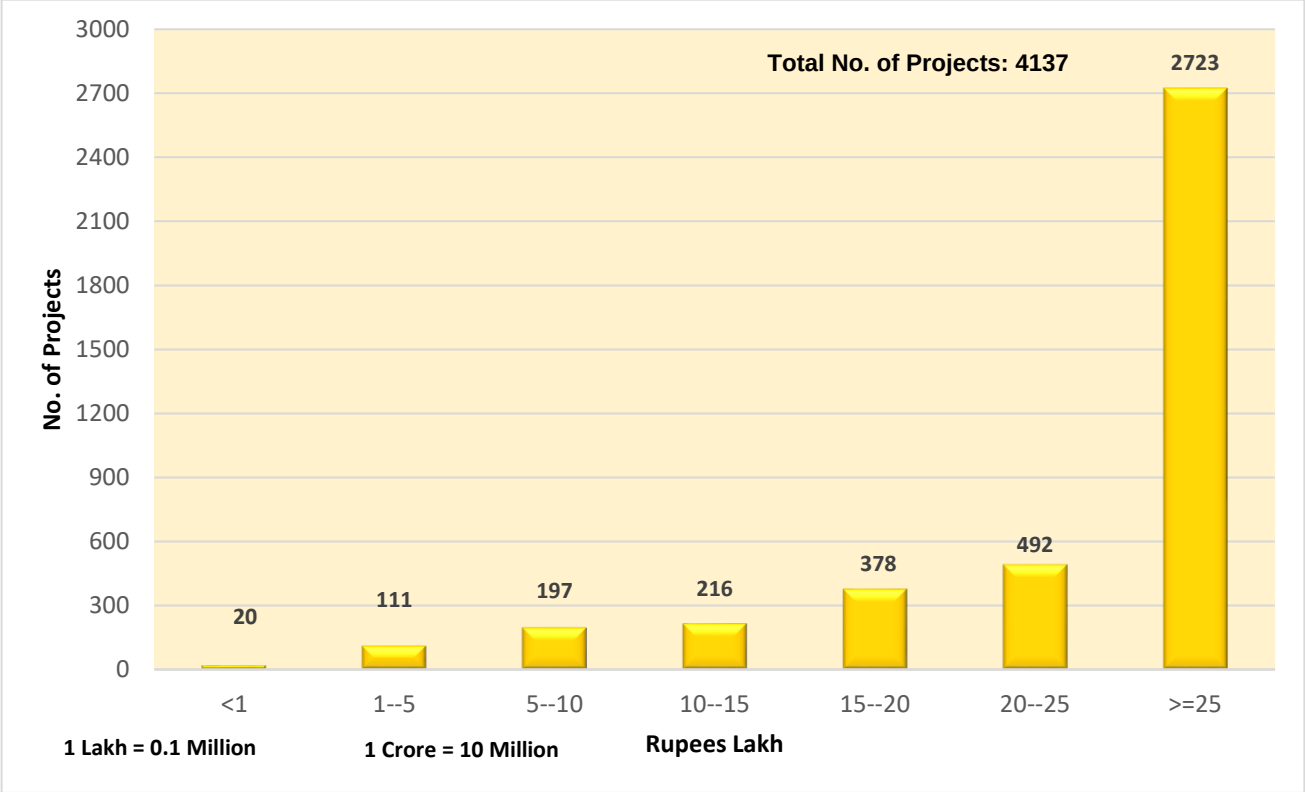

FIGURE 5

Agency-wise distribution of 2723 large projects costing equal to and above Rs. 25 lakh each has been given in **Figure-6.** Out of this, maximum number of projects i.e. 1693 were funded by the Department of Science & Technology (DST) followed by 713 by the Department of Biotechnology (DBT), 88 projects by Defence Research & Development Organisation (DRDO), 70 projects by Council of Scientific and Industrial Research (CSIR), 52 projects by Indian Council of Medical Research (ICMR), 30 projects by Ministry of AYUSH and 23 projects by Indian Council of Agricultural Research (ICAR). A total of 54 projects were funded by other agencies i.e. MOES (22), ISRO (18), DOC (5), MNRE (4), AICTE (3), MOWR (1) and UGC (1).

AGENCY-WISE DISTRIBUTION OF R&D PROJECTS COSTING Rs. 25 LAKH & ABOVE DURING 2017-18

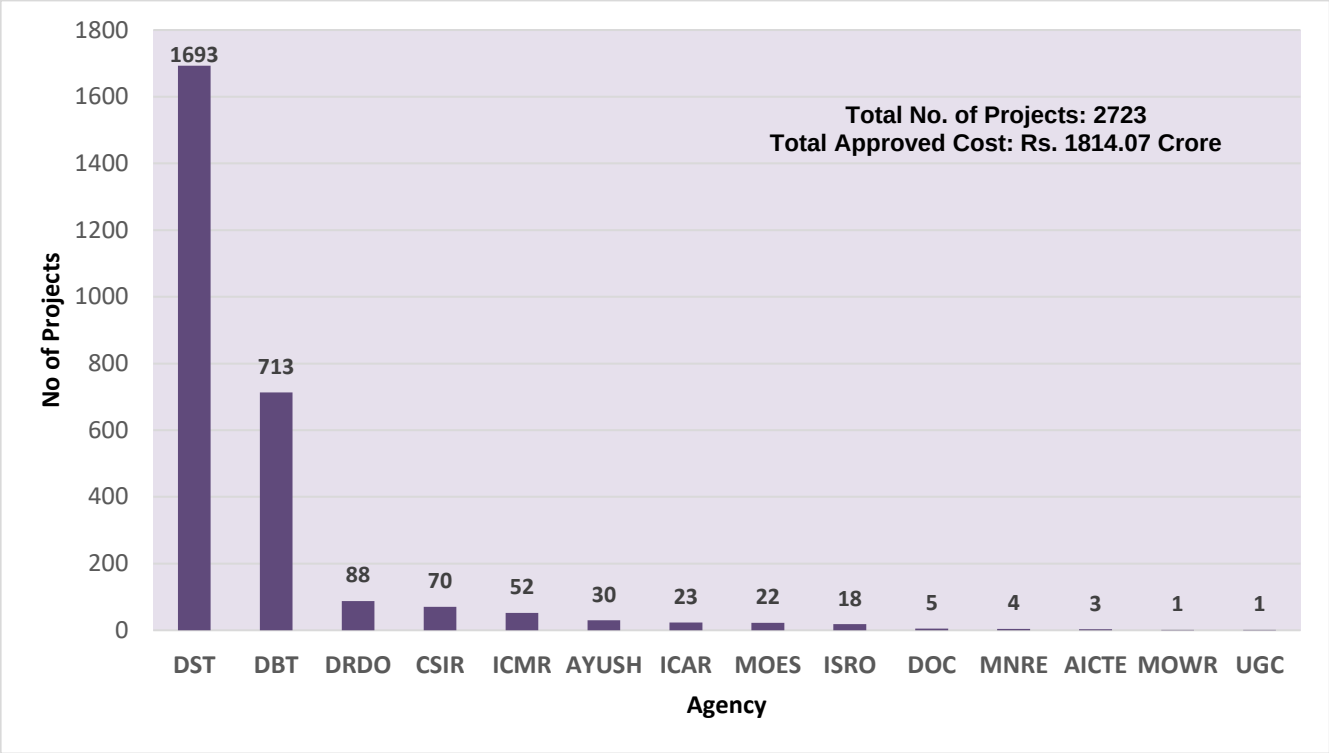

FIGURE 6

Of the total 2723 projects costing above Rs. 25 Lakhs, 2626 projects were in the range costing Rs. 25 lakh upto Rs. 2 Crore as can be seen in Table 5. The table also shows along with distribution of projects by total approved cost. The highest number of projects i.e. 1884 were in the cost range of Rs. 25-50 lakh, 516 in the range of Rs. 50-75 lakh and 145 projects between the cost range of Rs. 75-100 lakh. Cumulatively there were 81 projects that were in the range of Rs. 1-2 Crore. The total approved cost for 2626 projects was Rs. 1217 Crore.

TABLE 5

DISTRIBUTION OF EXTRAMURAL R&D PROJECTS COSTING Rs. 25 LAKH TO >=2 CRORE DURING 2017-18

Cost Range (Rs. Lakh)	Number of Projects	Total Approved Cost (Rs. Crore)
25--50	1884	678
50--75	516	309
75--100	145	121
100--125	30	32
125--150	25	33
150--175	14	22
175--200	12	22
Total	**2626**	**1217**

DISTRIBUTION OF R&D PROJECTS BY APPROVED COST OF Rs. 25 LAKH TO >=2 CRORE DURING 2017-18

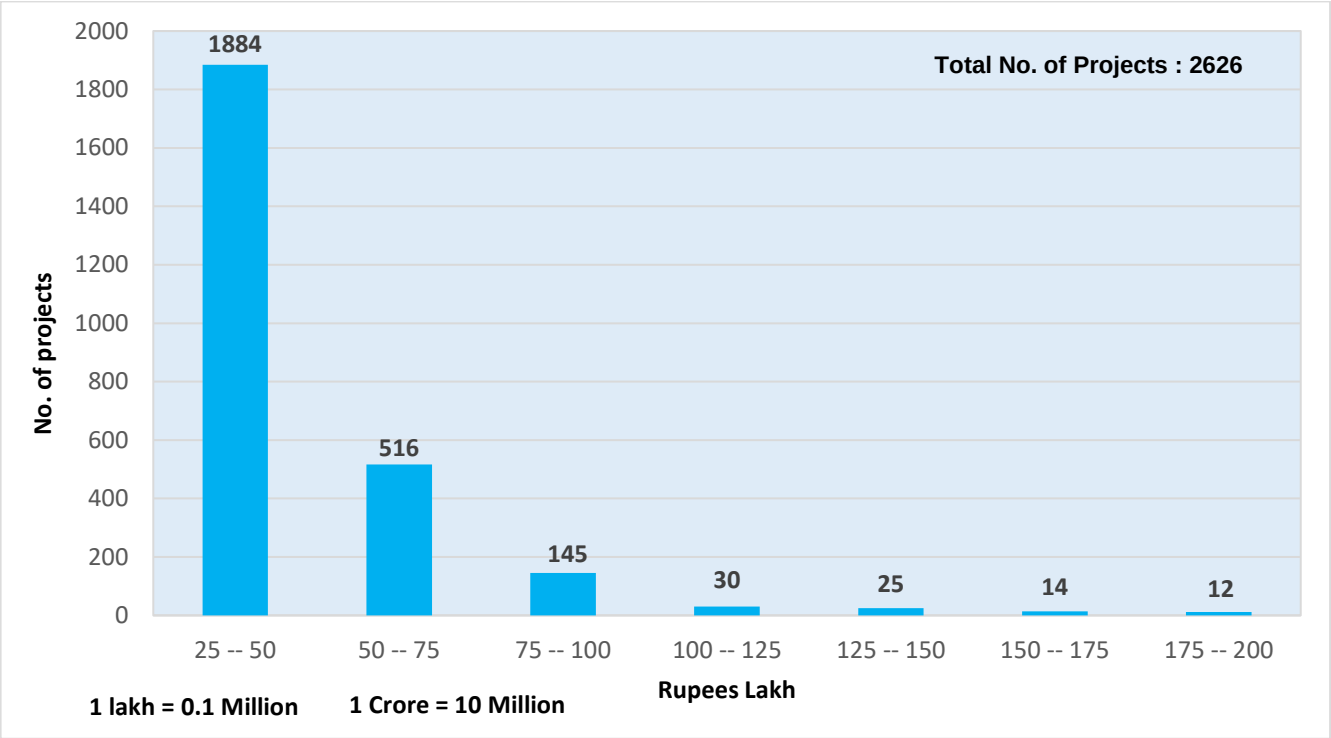

FIGURE 7

Table 6 presents distribution of projects costing Rs. Two Crore and above along with its total approved costs. Of the total 2723 projects costing above Rs. 25 Lakhs, 97 projects were sanctioned above Rs. Two Crore for a total approved cost of Rs. 594 Crore.

TABLE 6

DISTRIBUTION OF EXTRAMURAL R&D PROJECTS COSTING Rs. 2 CRORE TO >=5 CRORE DURING 2017-18

Cost Range (Rs. Crore)	Number of Projects	Total Approved Cost (Rs. Crore)
2.0—2.5	16	35
2.5—3.0	20	53
3.0—3.5	17	55
3.5—4.0	5	18
4.0—4.5	2	9
4.5—5.0	5	24
>=5.0	32	400
Total	**97**	**594**

As per **Figure 8,** the high valued projects sanctioned during the year were 97. Department of Science & Technology (DST) sanctioned 45 high valued projects for a total funding of Rs. 279.02 Crore. Department of Biotechnology (DBT) also sanctioned 45 high valued projects for a total funding of Rs. 247.61 Crore respectively. Ministry of New & Renewable Energy (MNRE) sanctioned 3 projects totaling to Rs. 44.17 Crore. Ministry of Earth Sciences (MOES) sanctioned 2 projects of Rs. 12.67 Crore and Department of Coal sanctioned 2 projects of Rs 11.48 Crore.

DISTRIBUTION OF R&D PROJECTS BY APPROVED COST OF Rs. 2 CRORE TO >= 5 CRORE DURING 2017-18

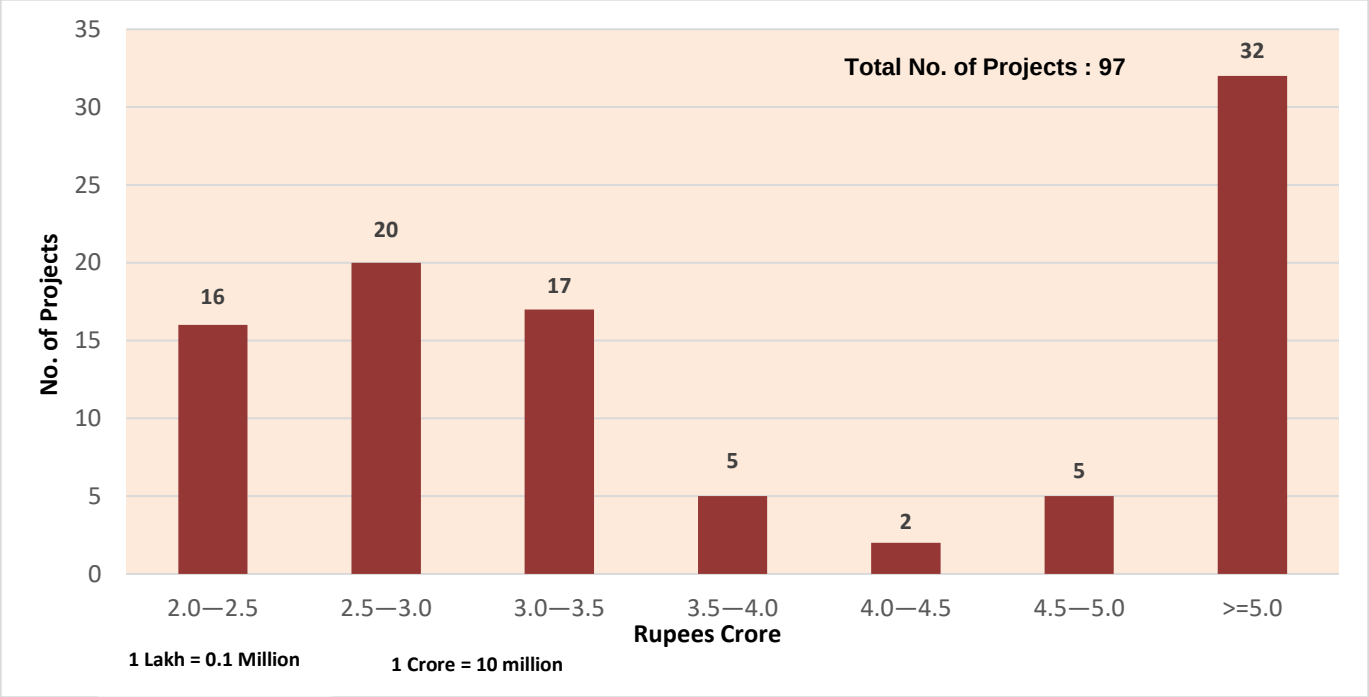

FIGURE 8

Figure 9 indicates that there were 178 projects costing Rs. 1 Crore & above which were funded by nine agencies during 2017-18. Majority of these projects i.e. 83 (46.63%) were funded by the Department of Science & Technology (DST) and 82 (46.07%) projects by Department of Biotechnology (DBT). A total of 6 projects, Department of Coal (DOC) 3 (1.69%) projects and by Ministry of New & Renewable Energy (MNRE) 3 (1.69%) projects. The remaining 7 (3.92%) projects were funded by five agencies namely DRDO (2), MOES (2), MOWR (1), ICMR (1) and ICAR (1).

AGENCY-WISE DISTRIBUTION OF R&D PROJECTS COSTING RS. 1 CRORE & ABOVE DURING 2017-18

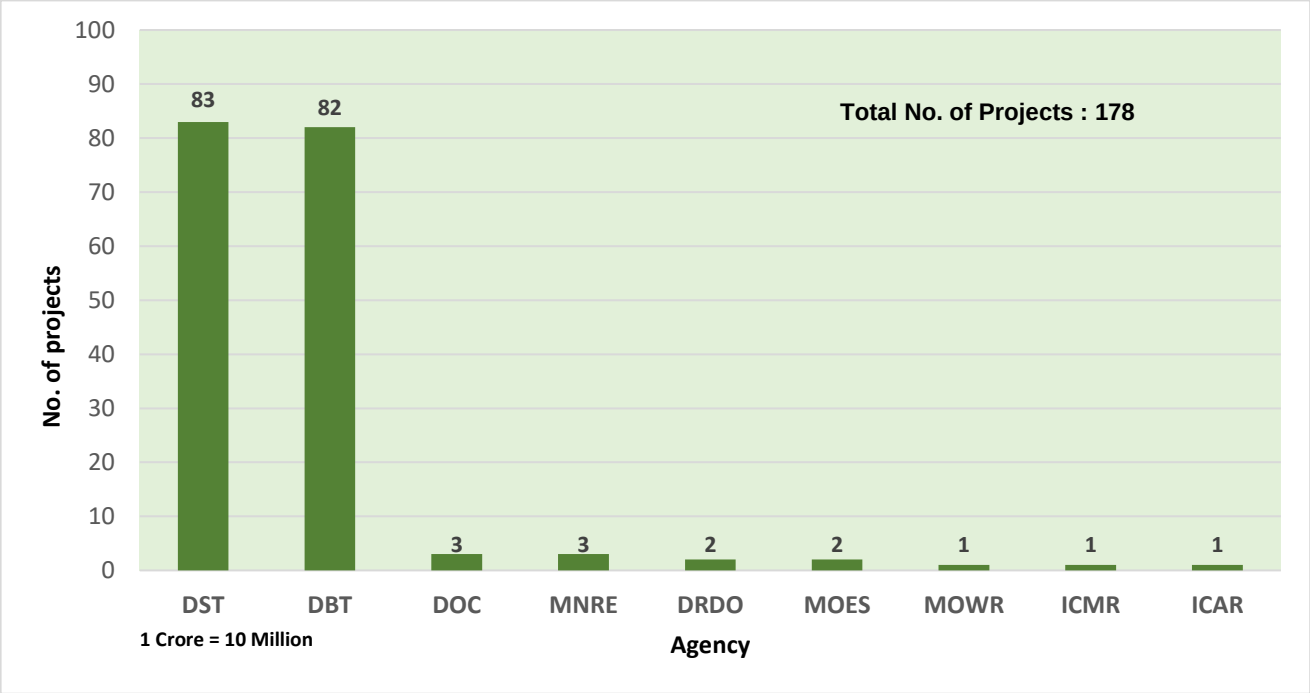

FIGURE 9

It may be seen from **Figure 10** that there were a total of 32 projects costing Rs. Five Crore and above sanctioned by five agencies. Both Department of Science & Technology (DST) and Department of Bio Technology funded the maximum number of projects i.e. 13 each. Ministry of New & Renewable Energy (MNRE) funded 3 projects. The remaining 3 projects were funded by the other 2 agencies namely DOC (2) and MOES (1).

AGENCY-WISE DISTRIBUTION OF R&D PROJECTS COSTING Rs. 5 CRORE & ABOVE DURING 2017-18

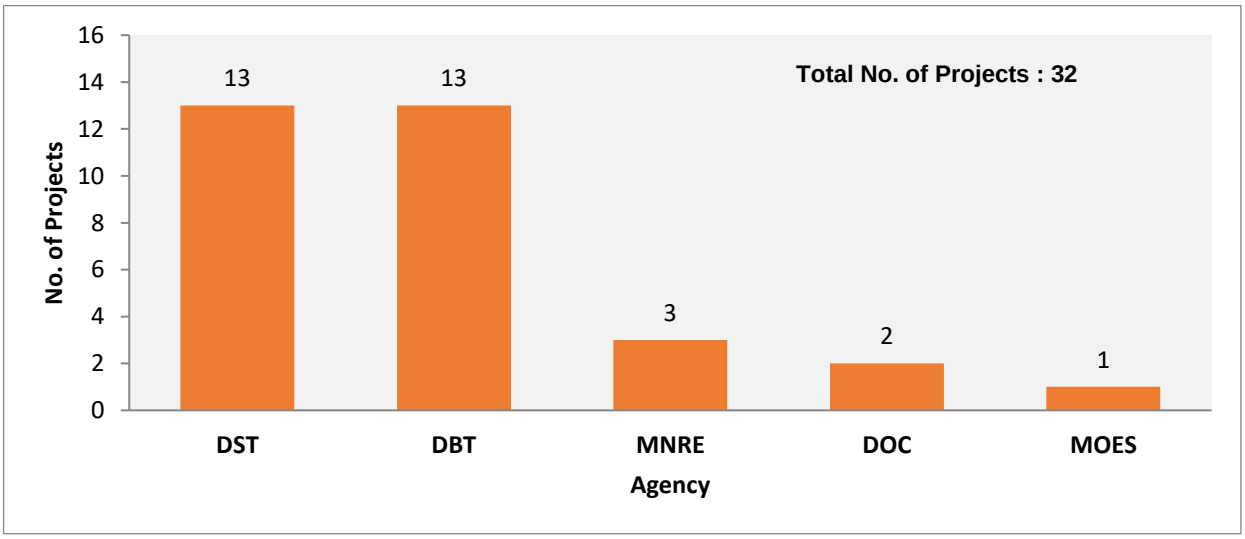

FIGURE 10

GENDER-WISE ANALYSIS : PRINCIPAL INVESTIGATORS (PIs)

The gender-wise distribution of Principal Investigators (PIs) who took up 4137 Extramural R&D Projects is shown in **Table 7.** It is pertinent to note that women participation as Principal Investigators of Extramural Projects was higher in 2017-18 i.e. 31 per cent in comparison to 24 per cent during 2016-17. These female PIs have taken up 29 per cent of the total 4137 projects this year in comparison to 22 per cent of total projects 4711 during the previous year of 2016-17.

TABLE 7

GENDER-WISE DISTRIBUTION OF PRINCIPAL INVESTIGATORS DURING 2017-18

Gender	Principal Investigator		Projects	
	Number	%age	Number	%age
Male	2425	69	2926	71
Female	1064	31	1209	29
Heads*	2	0	2	0
Total	**3491**	**100**	**4137**	**100**

**Note* : Projects approved to Heads of Organisations & Institutions, their gender information is not available. Individual PI can receive funding for multiple projects in one year.

GENDER-WISE ANALYSIS : CO-PRINCIPAL INVESTIGATORS (Co-PIs)

Information on Co-Principal Investigators (Co-PIs) is recorded specifically with an intent to highlight the wider participation of women contribution in Extramural Research (EMR). The gender-wise distribution of Co-Principal Investigators (Co-PIs) who took up Extramural R&D Projects is shown in **Table 8.** Women participation as Co-PIs of Extramural projects was 17 per cent of the total 1180 projects.

TABLE 8

GENDER-WISE DISTRIBUTION OF CO-PRINCIPAL INVESTIGATORS DURING 2017-18

Gender	Number of Co-PI*	Percentage
Male	984	83
Female	196	17
Total	**1180**	**100**

**Note* : Co-PI data is based upon survey response received from various funding agencies.

STATE-WISE ANALYSIS

The detailed data regarding State-wise support to extramural R&D projects is given in **Annexure-3**, which shows that the highest number of 556 projects were funded in Tamil Nadu at a total cost of Rs. 262.15 Crore (12.87%), followed by 449 projects in Delhi costing Rs. 334.15 Crore (16.41%), 379 projects in Karnataka costing Rs. 199.65 Crore (9.80%), 350 projects in Maharashtra costing Rs. 184.40 Crore (9.06%) and 320 projects in Uttar Pradesh costing Rs. 135.78 Crore (6.67%). The information about the remaining States can be seen from Annexure-3.

In all 3491 PIs and 942 Institutions inclusive of “Individual Scientists & Others” handled 4137 Extramural R&D Projects in 33 States and Union Territories at a total cost of Rs. 2036.32. Crore.

SALIENT FINDINGS

- **Total number of Extramural projects were 4137 in 2017-18 as compared to 4711 in 2016-17.**

- **Extramural R&D support was Rs. 2036.32 Crore in 2017-18 as compared to Rs. 2454.02 Crore in 2016-17.**

- **Department of Science and Technology (DST) accounted for the maximum Extramural Research (EMR) support of Rs. 1133 Crore (56%) followed by the Department of Biotechnology (DBT) with Rs. 629.09 Crore (31%). The two Departments together contributed to 87% of the total extramural R&D funding in India.**

- **Defence Research and Development Organisation (DRDO) has emerged as another big supporter of extramural research with a funding of Rs. 49.86 Crore (2.5%).**

- **Biological Sciences received maximum number of projects (1297) with financial support of (31%), followed by Engineering & Technology (1192) projects with financial support of (29%). Chemical Sciences projects (473) received financial support of (11%).**

- **3491 Principal Investigators (PIs), undertook 4137 EMR projects during 2017-18 in comparison to 3921 PIs undertaking 4711 projects during 2016-17.**

- **Women PIs participation receiving EMR projects was 31% during 2017-18 as compared to 24% during 2016-17, an increase of 7% over the previous year.**

- **Women Co-PIs participation receiving EMR projects was range bound between 17-19% during the Years 2017-18 & 2016-17.**

- **Academic sector received 67% of the extramural R&D support during 2017-18.**

- **67% of the projects were received by the institutes located in 8 States namely Tamil Nadu, Delhi, Karnataka, Maharashtra, Uttar Pradesh, West Bengal, Telangana and Kerala accounting for a share of 71% of total EMR funding.**

- **18 Indian Institute of Technology (combined) received maximum number of projects (582) with highest financial support of Rs. 428.51 Crore followed by 33 CSIR Institutes combined received (289) projects with financial support of Rs. 142.26 Crore.**

LIST OF PROJECTS
BY
BROAD SUBJECT AREAS

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1	Characterization, race profiling & genetic analysis of wheat powdery mildew pathogen (Blumeria graminis f. sp. tritici (DC) Speer (Syn. Erysiphe graminis DC f. sp. tritici) in India	DBT-R&D	Nallathambi,P., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	23.54	36
2	Characterization, race profiling & genetic analysis of wheat powdery mildew pathogen (Blumeria graminis f. sp. tritici (DC) Speer (Syn. Erysiphe graminis DC f. sp. tritici) in India	DBT-R&D	Watpade,S., Dr. (M) ICAR-Indian Agricultural Research Institute Regional Station, Amartara Cottage, 4, Cart Road Shimla - 171 004 Himachal Pradesh	23.54	36
3	Characterization, race profiling & genetic analysis of wheat powdery mildew pathogen (Blumeria graminis f. sp. tritici (DC) Speer (Syn. Erysiphe graminis DC f. sp. tritici) in India	DBT-R&D	Saharan,M.S., Dr. (M) ICAR-Indian Institute of Wheat & Barley Research C-6, Gichoon Vihar Karnal - 132 001 Haryana	23.54	36
4	Coexpression of stress responsive transcription factor genes MuNAC4, MuMyb96 & MuWRKY3 in groundnut (Arachis-hypogaea L.) for enhanced drought tolerance	DBT-R&D	Sudhakar,C., Dr. (F) Sri Krishnadevaraya University Anantapur - 515 003 Andhra Pradesh	63.69	36
5	Development of chromosomal segmental substitution lines for 5U chromosome of Ae. Triuncialis for transfter & mapping of multiple disease resistance & grain softness in elite wheat background	DBT-R&D	Kaur,S., Dr. (F) Punjab Agricultural University Ludhiana - 141 004 Punjab	67.14	36
6	Development of genetic stocks for maturity & growth habit genes in Soybean (Glycine max (L.) Merr.)	DBT-R&D	Gupta,S., Dr. (M) ICAR-Indian Institute of Soybean Research Khandwa Road Indore - 452 001 Madhya Pradesh	42.88	36
7	From QTL to variety: Genomics-assisted introgression & field evaluation of rice varieties with genes/ QTLs for yield under drought, flood & salt stress	DBT-R&D	Singh,N.K., Dr. (M) ICAR-National Research Centre on Plant Biotechnology LBS Centre, Pusa Campus New Delhi - 110 012 Delhi	83.97	36
8	From QTL to variety: Genomics-assisted introgression & field evaluation of rice varieties with genes/ QTLs for yield under drought, flood & salt stress	DBT-R&D	Krishnamurthy,S.L., Dr. (M) ICAR-Central Soil Salinity Research Institute Karnal - 132 001 Haryana	83.97	36
9	From QTL to variety: Genomics-assisted introgression & field evaluation of rice varieties with genes/ QTLs for yield under drought, flood & salt stress	DBT-R&D	Satyanarayana,P.V., Dr. (M) Acharya N.G. Ranga Agricultural University Rajendranagar Mandal, K.V. Rangareddy Hyderabad - 500 030 Telangana	83.97	36
10	From QTL to variety: Genomics-assisted introgression & field evaluation of rice varieties with genes/ QTLs for yield under drought, flood & salt stress	DBT-R&D	Ahmed,T., Dr. (M) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	83.97	36
11	From QTL to variety: Genomics-assisted introgression & field evaluation of rice varieties with genes/ QTLs for yield under drought, flood & salt stress	DBT-R&D	Singh,P.K., Dr. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	83.97	36
12	From QTL to variety: Genomics-assisted introgression & field evaluation of rice varieties with genes/ QTLs for yield under drought, flood & salt stress	DBT-R&D	Rai,M., Dr. (M) Central Agricultural University Imphal - 795 004 Manipur	83.97	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
13	From QTL to variety: Genomics-assisted introgression & field evaluation of rice varieties with genes/ QTLs for yield under drought, flood & salt stress	DBT-R&D	Padmavathi,G., Dr. (F) ICAR-Indian Institute of Rice Research Rajendranagar Hyderabad - 500 030 Telangana	83.97	36
14	From QTL to variety: Genomics-assisted introgression & field evaluation of rice varieties with genes/ QTLs for yield under drought, flood & salt stress	DBT-R&D	Mandal,N.P., Dr. (M) ICAR-National Rice Research Institute Cuttack - 753 005 Odisha	83.97	36
15	From QTL to variety: Genomics-assisted introgression & field evaluation of rice varieties with genes/ QTLs for yield under drought, flood & salt stress	DBT-R&D	Thirumeni,S., Dr. (M) Pandit Jawaharlal Nehru College of Agricultural & Research Institute Serumavilangai, Karaikal Puducherry - 609 603 Puducherry	83.97	36
16	From QTL to variety: Genomics-assisted introgression & field evaluation of rice varieties with genes/ QTLs for yield under drought, flood & salt stress	DBT-R&D	Kumar,R., Dr. (M) Rajendra Agricultural University Pusa Samastipur - 848 125 Bihar	83.97	36
17	From QTL to variety: Genomics-assisted introgression & field evaluation of rice varieties with genes/ QTLs for yield under drought, flood & salt stress	DBT-R&D	Veerulkar,S., Dr. (M) Indira Gandhi Agricultural University Vishal Nagar Raipur - 492 006 Chhattisgarh	83.97	36
18	From QTL to variety: Genomics-assisted introgression & field evaluation of rice varieties with genes/ QTLs for yield under drought, flood & salt stress	DBT-R&D	Reddy,J.N., Dr. (M) ICAR-National Rice Research Institute Cuttack - 753 005 Odisha	83.97	36
19	Genome wide association study in Phaseolus vulgaris - Colletrotrichum lindemuthianum pathosystem	DBT-R&D	Padder,B.A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar, Badgam Srinagar - 190 019 Jammu & Kashmir	55.33	36
20	Improving oil quality & productivity through molecular breeding in groundnut	DBT-R&D	Bhat,R.S., Dr. (M) Agricultural Sciences University Dharwad - 580 005 Karnataka	49.37	36
21	Isolation, functional characterization & evaluation of water deficit stress tolerance responsive genes from high drought tolerant Erianthus arundinaceus by comparative drought transcriptome analysis	DBT-R&D	Chinnaswamy,A., Dr. (M) ICAR-Sugarcane Breeding Institute Veerakeralam Coimbatore - 641 007 Tamil Nadu	53.92	36
22	Marker-assisted breeding & mapping of QTLs for drought tolerance in wheat	DBT-R&D	Singh,G., Dr. (M) ICAR-Indian Institute of Wheat & Barley Research C-6, Gichoon Vihar Karnal - 132 001 Haryana	30.22	36
23	Marker-assisted breeding & mapping of QTLs for drought tolerance in wheat	DBT-R&D	Singh,P.K., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	30.22	36
24	Marker-assisted breeding & mapping of QTLs for drought tolerance in wheat	DBT-R&D	Sharma,P.K., Dr. (M) Ch. Charan Singh University Meerut - 250 001 Uttar Pradesh	30.22	36
25	Marker-assisted breeding & mapping of QTLs for drought tolerance in wheat	DBT-R&D	Singh,G.P., Dr. (M) Coordinator Ch. Charan Singh University Meerut - 250 001 Uttar Pradesh	30.22	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
26	Pyramiding of rust resistance genes into high grain quality wheat lines developed through marker-assisted selection	DBT-R&D	Sharma,P.K., Prof. (M) Ch. Charan Singh University Meerut - 250 001 Uttar Pradesh	35.36	36
27	Pyramiding of rust resistance genes into high grain quality wheat lines developed through marker-assisted selection	DBT-R&D	Jaiswal,J.P., Dr. (M) G.B. Pant University of Agriculture & Technology Kichha Taluka of Udham Singh Nagar Pantnagar - 263 145 Uttarakhand	35.36	36
28	Pyramiding of rust resistance genes into high grain quality wheat lines developed through marker-assisted selection	DBT-R&D	Kaur,S., Dr. (F) Punjab Agricultural University Ludhiana - 141 004 Punjab	35.36	36
29	Pyramiding of rust resistance genes into high grain quality wheat lines developed through marker-assisted selection	DBT-R&D	Mishra,V.K., Dr. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	35.36	36
30	Pyramiding of rust resistance genes into high grain quality wheat lines developed through marker-assisted selection	DBT-R&D	Tamhankar,S., Dr. (F) Agharkar Research Institute Gopal Ganesh Agharkar Road Pune - 411 016 Maharashtra	35.36	36
31	Pyramiding of rust resistance genes into high grain quality wheat lines developed through marker-assisted selection	DBT-R&D	Singh,G.P., Dr. (M) Coordinator Ch. Charan Singh University Meerut - 250 001 Uttar Pradesh	35.36	36
32	Understanding genetic control of cold acclimatization in chickpea (Cicer arietinum L.) anthers & devising strategies to minimize losses due to cold stress	DBT-R&D	Nayyar,H., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	36.73	36
33	Understanding genetic control of cold acclimatization in Chickpea (Cicer arietinum L.) anthers & devising strategies to minimize losses due to cold stress	DBT-R&D	Sharma,K.D., Dr. (M) Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Kangara Palampur - 176 062 Himachal Pradesh	36.73	36
34	Understanding the role of TAL effectors of Xanthomonas oryzae pv. Oryzae in modulating rice innate immune response to cause bacterial blight	DBT-R&D	Mondal,K.K., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	41.92	36
35	Consequences of long and intensive use of agrochemicals on the legumes-rhizobia symbiosis and potentialities of remediation	DST-IBC	Sehgal,M., Prof. (F) G.B. Pant University of Agriculture & Technology Udham Singh Nagar Pantnagar - 263 153 Uttarakhand	35.54	24
36	Decision support system to estimate water requirements for the major crops	DST-IBC	Sharda,R., Dr. (M) Punjab Agricultural University Department of Soil & Water Engineer Ludhiana - 141 027 Punjab	6.30	24
37	Development of a riboflavin-enriched probiotic fermented product to mitigate riboflavin deficiency in Indian and South African children	DST-IBC	Mishra,V., Mr. (M) National Institute of Food Technology Entrepreneurship & Management Department of Basic & Applied Sciences (Microbiology), Plot No. 97, Sector 56, Kundli Sonepat - 131 028 Haryana	32.12	36
38	Development of sensors for compounds important for clinical analysis & food safety	DST-IBC	Kumar,K.G., Dr. (M) Cochin University of Science & Technology Kalamassery Kochi - 682 022 Kerala	12.36	12

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
39	Diversity of tomato seed-bore endophytes and their application for the promotion of plant growth and defences against pathogens	DST-IBC	Kaushik,N., Dr. (F) The Energy & Resources Institute Habitat Center Complex, Lodhi Road New Delhi - 110 003 Delhi	23.40	24
40	Enhancing drought tolerance in crops species using biotechnological approaches	DST-IBC	Panda,S.K., Prof. (M) Assam University Department of Life Sciences & Bioinformatics Silchar - 788 011 Assam	33.74	36
41	Integration of mastitis resistant gene (lysozyme) into the beta-casein locus of buffalo/bovine genomes using CRISPR/Cas9	DST-IBC	Yadav,P.S., Dr. (M) ICAR-Central Institute of Research on Buffaloes Division of Animal Physiology & Reproduction, Sirsa Road, Sector 14 Hisar - 125 001 Haryana	6.20	24
42	Knowledge sharing workshop on adopting water-energy-food nexus approach	DST-IBC	Panda,S.N., Mr. (M) Director National Institute of Technical Teachers Training & Research Near Tidel Park, Taramani Chennai - 600 113 Tamil Nadu	6.53	12
43	Molecular characterization of major candidate genes associated with milk quality in Egyptian & Indian buffaloes	DST-IBC	Chhokar,V., Dr. (M) Guru Jambeshwar University of Science & Technology Department of Bio & Nano Technology, Lajpat Nagar Hisar - 125 001 Haryana	6.60	24
44	Nutritional and nutraceutical properties of cereal and legume - based traditional foods from India and South Africa and their role in addressing malnutrition, hidden hunger and chronic non-communicable diseases	DST-IBC	Mazumdar,S.D., Dr. (M) International Crops Research Institute for the Semi-Arid Tropics Patancheru - 502 324 Telangana	41.91	36
45	Phytormediation of heavy-metal contaminated soils in Tunisia and India using Frankia-Anus symbiosis	DST-IBC	Sen,A., Dr. (M) North Bengal University Matigara Siliguri - 734 013 West Bengal	13.80	24
46	Studies in surface sterilization of spices using non-thermal processes	DST-IBC	Annapure,U.S., Prof. (M) Institute of Chemical Technology Matunga Mumbai - 400 019 Maharashtra	25.08	36
47	Study for the development and characterization of immunmodulating functional mango butter based chocolate foftified with curcuminoids and its potential uses	DST-IBC	Pal,K., Dr. (M) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	33.56	36
48	Towards an integrated approach for assessing the impact of climatic stresses on agriculture and the exchange of greenhouse gas on the Indo-Gangetic plain	DST-IBC	Tripathi,S., Prof. (M) Indian Institute of Technology (Kanpur) Kalyanpur Kanpur - 208 016 Uttar Pradesh	63.96	36
49	Bacterial endophyte community dynamics in apple cultivators: Its impact on scab prevalence in Kashmir valley	DST-SYST	Padder,S.A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar Srinagar - 190 025 Jammu & Kashmir	27.91	36
50	Bacterial endophytes as microbial inoculants for progressive farming of Chrysanthemum (Dendranthema grandiflora Tzvelev)	DST-SYST	Chauhan,A., Dr. (F) Dr. Y.S. Parmar University of Horticulture & Forestry Nauni Solan - 173 230 Himachal Pradesh	27.45	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
51	Development & evaluation of Pongamia pod decorticator & mini vegetable seed oil extraction machine	DST-SYST	Kumar,K.R., Mr. (M) Agricultural Sciences University Department of Forestry & Environment Science, GKVK Campus Bengaluru - 560 065 Karnataka	26.23	36
52	Development of edible antimicrobial packaging films for traditional dairy sweetmeats using metabolites of lactic acid bacteria	DST-SYST	Pradhan,D., Mr. (M) ICAR-National Dairy Research Institute Division of Dairy Microbiology Karnal - 132 001 Haryana	24.84	36
53	Development of farmer friendly immunochromatographic strips for the detection of potato virues	DST-SYST	Kaur,S.I., Ms. (F) Punjab Agricultural University Department of Plant Pathology Ludhiana - 141 004 Punjab	16.78	36
54	Development of simple & rapid method for detection of pesticides in food products using nanotechnology	DST-SYST	Kumar,N., Dr. (M) Shoolini University School of Bioengineering & Food Technology Solan - 173 229 Himachal Pradesh	22.47	36
55	Development synergistic blend of bioformulation for combating plant diseases in agricultural crops - An approach towards sustainable agriculture	DST-SYST	Salwan,R., Dr. (F) Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Palampur - 176 062 Himachal Pradesh	34.76	36
56	Economic upliftment of low income farmers through exotic vegetable production	DST-SYST	Singh,J., Dr. (M) Shri Guru Teg Bahadur Khalsa College Department of Agriculture, Anandpur Sahid, Rupnagar Ropar - 140 001 Punjab	32.97	36
57	Enhancement of soil fertility & crop yield in organic farming by phosphate solubilizing rhizobacteria	DST-SYST	Kaur,G., Dr. (F) Chandigarh University NH 95, Chandigarh-Ludhiana Highway Mohali - 140 413 Punjab	27.27	36
58	Evaluating different ornamental plants for indoor vertical gardening using different nutrient formulations & light intensities	DST-SYST	Gautam,B., Ms. (F) Punjab Agricultural University Ludhiana - 141 001 Punjab	20.26	36
59	Farmers livelihood security & environmental sustainability through integrated nutrient management	DST-SYST	Mohapatra,L., Dr. (F) Punjab Agricultural University Ludhiana - 141 004 Punjab	21.17	36
60	Mass production & utilization of anthocorids against horticulture sucking pests of Kashmir region	DST-SYST	Akbar,S.A., Dr. (M) Central Institute of Temperate Horticulture Old Airport Road, Rangreth Srinagar - 190 007 Jammu & Kashmir	37.49	36
61	Popularization of banana macropropagation technology in the Cauvery delta region of Tiruchirappalli district. As an activity for rural women self help groups	DST-SYST	Karthie,R., Dr. (M) ICAR-National Research Centre for Banana Thogamalai Road, Post Thaynur Tiruchirappalli - 620 001 Tamil Nadu	16.72	36
62	Prophylactic catalytic dermal cream to prevent pesticide exposure during farming practices	DST-SYST	Chandrashekharappa,S., Mr. (M) Institute for Stem Cell Biology & Regenerative Medicine UAS-GK, VK Campus, Bellary Road	31.49	36
63	Standardization of protocols for in vitro micropropagation of cherry rootstocks	DST-SYST	Sharma,S., Ms. (F) Society for Technology & Development Malori, Post Behna, Tehsil-Sadar Mandi - 175 006 Himachal Pradesh	34.30	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
64	Study of bioactive compounds flour & starch properties of underutilized pearl millet crops	DST-SYST	Kaur,S., Ms. (F) Chaudhary Devi Lal University Sirsa - 125 055 Haryana	28.81	36
65	Technological development in geriatrics dairy foods & its entrepreneurial among farming community in Jammu province of J&K state	DST-SYST	Kumar,A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Division of Livestock Products Technology, Faculty of Veterinary Science & Animal Husbandry, R.S. Pura Jammu - 181 102 Jammu & Kashmir	21.81	36
66	Utilization of rumen digesta waste from slaughter house as alternative local protein sources for economical ration production & controlling environmental pollution	DST-SYST	Kumar,A., Dr. (M) Sardar Vallabh Bhai Patel University of Agriculture & Technology College of Veterinary & Animal Science, Modipuran Meerut - 250 110 Uttar Pradesh	19.63	36
67	Value addition of chironji & tendu fruits for socio-economic development of tribal's in western Odisha	DST-SYST	Sahu,S.N., Mr. (M) Indian Institute of Technology (Delhi) Centre for Rural Development & Technology, Hauz Khas New Delhi - 110 016 Delhi	21.10	36
68	Designer goat meat products with non refrigeration quality	DST-TIASN	Rajkumar,V., Dr. (M) ICAR-Central Institute for Research on Goats Department of Livestock Products Technology, Makhdoom, Farah Mathura - 281 122 Uttar Pradesh	46.02	36
69	Development & popularization of new product red rice variety through farmer's participatory demonstrations	DST-TIASN	Kumar,B.M.D., Dr. (M) University of Agricultural & Horticultural Sciences Department of Genetics & Plant Breeding Shimoga - 577 201 Karnataka	26.68	36
70	Identification of wheat & pulse varieites & development of technology for the production of wheat grass & pulse shoot juice & powder	DST-TIASN	Kaur,A., Dr. (F) Guru Nanak Dev University Department of Food Sciences Amritsar - 143 001 Punjab	43.49	36
71	Impact assessment of happy seed technlogy & its popularization among the farmers in Punjab	DST-TIASN	Kaur,M., Dr. (F) Punjab Agricultural University Department of Extension Education Ludhiana - 141 004 Punjab	34.95	36
72	Improvement of grazing land/pastures through participatory management approach in temperate condition of Kashmir valley	DST-TIASN	Mugloo,J.A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Srinagar - 190 006 Jammu & Kashmir	38.24	36
73	Income generation activisties for weaker section people of Raisen district through agri-based integrated acquaculture enhancement using Periphyton as natural food	DST-TIASN	Sharma,B., Dr. (M) Society for Environmental Conservation Shahenshah Garden Bhopal - 462 023 Madhya Pradesh	30.47	36
74	Micropropoation of wilt & blight resistant varieties of banana seedlings & value addition of banana pseudostem	DST-TIASN	Tripathi,A., Dr. (M) Bioved Research Institute of Agriculture, Technology & Science Kutchery Allahabad - 211 002 Uttar Pradesh	18.25	36
75	Oat based technological & livelihood improvement in Uttarakhand State	DST-TIASN	Dixit,A.K., Dr. (M) ICAR-Central Institute for Research on Goats Makhdom, Farah Mathura - 281 122 Uttar Pradesh	33.91	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
76	Promotion of integrated horticulture through training & awareness on organic farming for marginal farmers	DST-TIASN	Reddy,V.N.V., Dr. (M) Rural Agricultural Development Society Kadiri Anantapur - 515 581 Andhra Pradesh	12.71	36
77	Development of sisal based livelihood income generation activities for baiga Primitive Tribal Group (PTG) of Mandla district of Madhya Pradesh	DST-TITE	Sharma,K., Ms. (F) Society for Environmental Conservation D-41, Shahensha Garden Bhopal - 462 023 Madhya Pradesh	24.08	36
78	Exploring wild edibles of the male Mahadeshwara Betta, western ghats & their potential for the socio economic development of local people	DST-TITE	Nautiyal,S., Dr. (M) Professor & Head Institute for Social & Economic Change Centre for Ecological Economic & Natural Resources, Dr. V.K.R.V. Rao Road, Nagarabhavi Bengaluru - 560 072 Karnataka	29.87	24
79	Livelihood promotion of tribal women collectives through application of science & technology in production of natural vinegar using local natural resources; forest honey, Mahua flowers, (Madhuca indica) & Jamun fruit (Syzgyium cumin) in Mandla district ..	DST-TITE	Sharma,S., Ms. (F) Centre for Advanced Research & Development H-2/195, Arvind Vihar, Bagmugalia Bhopal - 462 043 Madhya Pradesh	23.77	24
80	Promoting intercrop based broom grass cultivation with microbial incculants in degraded forest lands	DST-TITE	Rao,R.V., Dr. (M) Scientist Laya Resource Center Plot No. 110, Near Senora Restuarent, Yendada Visakhapatnam - 530 045 Andhra Pradesh	35.92	36
81	Promoting intercrop based broom grass cultivation with microbial inoculants in degraded forest lands	DST-TITE	Bagyaraj,D.J., Dr. (M) Chairman & Sr. Scientist Centre for Natural Biological Resources & Community Development #41, RBI Colony, Anand Nagar Bengaluru - 560 024 Karnataka	35.92	36
82	Technological empowerment of tribal farm women through good agricultural practices & eco-entrepreneurship development in rice based cropping systems in Deverkonda mandal in Andhra Pradesh	DST-TITE	Waris,A., Dr. (F) Principal Scientist ICAR-Indian Institute of Rice Research Department of Agricultural Extension, Rajendranagar Hyderabad - 500 030 Telangana	51.98	36
83	Advanced study in marine biology	DST-WS	Ramamoorthy,K., Dr. (M) Annamalai University Chidambaram, Cuddalore Annamalainagar - 608 002 Tamil Nadu	48.99	36
84	Improving livelihood of rural women through dairy based secondary agriculture	DST-WS	Ponnusamy, Dr. (F) ICAR-National Dairy Research Institute Karnal - 132 001 Haryana	42.74	36
85	Livelihood enhancement for mountain rural women farmers through value chain promotion of seleccted crops	DST-WS	Sundriyal,M., Dr. (F) Uttarakhand Science Education & Research Centre Dehradun - 248 006 Uttarakhand	21.41	36
86	Popularization of kharif onion production in Chamba district	DST-WS	Sharma,D., Dr. (F) Dr. Y.S. Parmar University of Horticulture & Forestry Nauni Solan - 173 230 Himachal Pradesh	20.43	36
87	Agricultural graduates as successful Agri-preneurs process analysis	ICAR-AGEDU	Gopal,P.V.S., Dr. (M) Associate Professor Sri Venkateswara Agicultural College Department of Agriculture Extension Tirupati - 517 502 Andhra Pradesh	4.21	12

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
88	Analyzing cases of successful agricultural graduates enterpreneurs	ICAR-AGEDU	Goswami,A.K., Dr. (M) Scientist (SS) ICAR-Indian Agricultural Research Institute Division of Fruits & Horticulture Technology, Pusa New Delhi - 110 012 Delhi	5.21	12
89	Analyzing reasons for low preference of Agricultural Education & not pursuing career in agricultural sector thereafter	ICAR-AGEDU	Kumar,A., Dr. (M) Senior Scientist ICAR-Indian Agricultural Research Institute Division of Seed Science & Technology, Pusa New Delhi - 110 012 Delhi	4.21	12
90	Assessment of education Zgaps in dairy husbandry in northern India	ICAR-AGEDU	Kumar,N., Dr. (M) Scientist ICAR-National Dairy Research Institute Department of Animal Reproduction Karnal - 132 001 Haryana	4.21	12
91	Assessment of present examination system & its suitability in Dairy Science College of India	ICAR-AGEDU	Prajapati,M.C., Dr. (M) Assistant Professor Sheth M.C. College of Dairy Science Department of Dairy Business Management Anand - 388 110 Gujarat	3.40	12
92	Assessment on student retention admitted through AIEE during XII plan	ICAR-AGEDU	Panda,C.K., Dr. (M) Assistant Professor, Jr. Scientist Bihar Agricultural University Department of Extension Education, Bihar Agricultural College, Sabour Bhagalpur - 813 210 Bihar	1.21	12
93	Critical analysis of examination system in Agricultural Education in India	ICAR-AGEDU	Seveda,M.S., Dr. (M) Central Agricultural University College of Agricultures Engineering & Post Harvest Technology, Ranipool Gangtok - 737 101 Sikkim	4.21	12
94	Designing visibility indicators for the State Agricultural University	ICAR-AGEDU	Veeranjaneyulu,K., Dr. (M) Professor & Libraian Prof. Jayashankar Telangana State Agricultural University Rajendranagar Hyderabad - 500 030 Telangana	4.96	12
95	Development of conceptual model for skill development of Agricultural Engineering graduates	ICAR-AGEDU	Ramana,M.V., Dr. (M) Principal Scientist Regional Agricultural Research Station Department of Agricultural Engineering, Angrau Tirupati - 517 502 Andhra Pradesh	3.96	12
96	Documentation of success stories of Agri-graduates turned enterpreneurs	ICAR-AGEDU	Rathore,S., Prof. (F) Principal Scientist ICAR-National Academy of Agricultural Research Management Department of Extension Information System, Rajendranagar Hyderabad - 500 030 Telangana	2.90	12
97	Educational needs for promotion of agricultural innovations in Karnataka	ICAR-AGEDU	Shivamurthy,M., Dr. (M) Professor Agricultural Sciences University Department of Agricultural Extension, GKVK Bengaluru - 560 065 Karnataka	4.71	12
98	Evaluation of examination systsem in Veterinary Education	ICAR-AGEDU	Uppal,V., Dr. (F) Professor Guru Angad Dev Veterinary & Animal Science University Department of Veterinary Anatomy Ludhiana - 141 004 Punjab	3.96	12
99	Impact assessment of international collaboration on productivity & visibility of AU.S in Indian	ICAR-AGEDU	Gupta,L., Dr. (M) Assistant Professor Maharana Pratap University of Agriculture & Technology Udaipur - 313 001 Rajasthan	5.21	12

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
100	Impact assessment of international collaboration with SAUs on India Agriculture Education systems	ICAR-AGEDU	Appana,V., Dr. (M) Assistant Professor College of Horticulture Mysore - 570 005 Karnataka	5.21	12
101	Movement of dairy professionals in western India (Graduates, Post Graduates & Doctorates) - A career path analysis	ICAR-AGEDU	Makawana,A.K., Dr. (M) Associate Professor & Head Anand Agricultural University Department of Dairy Business Management, S.M.C. College of Dairy Science Anand - 388 110 Gujarat	2.75	12
102	Movement of veterinary graduates in southern India - A career path analysis	ICAR-AGEDU	Biradar,C., Dr. (M) Assistant Professor Karnataka Veterinary Animal & Fisheries Sciences University Department of Veterinary & A.H. Extension Education, Veterinary College, Nandinagar Bidar - 585 401 Karnataka	4.01	12
103	Options enabling agricultural education for entrepreneurial skill development, employment generation & sustainable agriculture in India	ICAR-AGEDU	Kaur,A., Dr. (F) Principal Scientist ICAR-Indian Agricultural Research Institute Division of Agricultural Economics, Pusa New Delhi - 110 012 Delhi	4.46	12
104	Performance assessments of universities in Agriculture Education: A comperative analysis	ICAR-AGEDU	Dash,S., Mr. (M) Scientist ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	3.96	12
105	Quantitative & qualitative analysis of student admitted in northern SAUs during XII FYP	ICAR-AGEDU	Mittal,R., Ms. (F) Assistant Professor Punjab Agricultural University Department of Extension & Communication Management Ludhiana - 141 004 Punjab	3.96	12
106	Rising start ups of Agri-entrepreneurs: A success story	ICAR-AGEDU	Gerad,M., Dr. (F) Principal Scientist ICAR-National Academy of Agricultural Research Management Rajendranagar Hyderabad - 500 030 Telangana	3.96	12
107	Status of available training packages, development of entrepreneurial skills & identification of futur needs in Home Science graduates	ICAR-AGEDU	Vatta,L., Dr. (F) Rajasthan University P.G. Department of Home Science, Jawaharlal Nehru Marg Jaipur - 302 004 Rajasthan	2.65	12
108	Students perception towards present examination system & its suitability - An evaluatory study of north zone agricultural university	ICAR-AGEDU	Sharma,D.D., Dr. (M) Professor Dr. Y.S. Parmar University of Horticulture & Forestry Department Agricultural Extension, Nauni Solan - 173 230 Himachal Pradesh	4.21	12
109	Studies on examination system prevailing in Agriculture Universities of Indian & strategies to rejuvenate & renovate it	ICAR-AGEDU	Dve,V., Dr. (M) Associate Professor (SS) Maharana Pratap University of Agriculture & Technology Department of Electrical Engineering, College of Technology & Engineering Udaipur - 313 001 Rajasthan	4.21	12
110	An application of drone with satellite data for precision agriculture monitoring & yield prediction with drone assisted surveillance & diagnosis for biotic & abiotic stresses in sugar cane	ICAR-AGENG	Singh,D., Dr. (M) Coordinator Indian Institute of Technology (Roorkee) Microwave Imaging & Space Technology Application Lab Roorkee - 247 667 Uttarakhand	20.66	24

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
111	An application of drone with satellite data for precision agriculture monitoring & yield prediction with drone assisted surveillance & diagnosis for biotic & abiotic stresses in sugar cane	ICAR-AGENG	Arumuganathan,T., Dr. (M) Senior Scientist ICAR-Sugarcane Breeding Institute Coimbatore - 641 007 Tamil Nadu	20.66	24
112	Application of EM wave based technology for moisture measurement, drying & disinfestation of grains, pulses & seeds for safe storage	ICAR-AGENG	Harsh,R., Dr. (M) Head Society for Applied Microwave Electronics Engineering & Research Division of Technology Innovations, Powai Mumbai - 400 076 Maharashtra	36.58	24
113	Automated control system for tractor-implement combination	ICAR-AGENG	Roul,A.K., Dr. (M) Scientist ICAR-Central Institute of Agricultural Egineering Nabi Bagh, Berasia Road Bhopal - 462 038 Madhya Pradesh	39.89	24
114	Conversion of mango fruit waste into a micronutrient fortifying agent for the development of functional foods	ICAR-AGENG	Gurumeenakshi,G., Dr. (F) Assistant Professor Tamil Nadu Agricultural University Post Harvest Technology Centre, Agricultural Engineering College & Research Institute Coimbatore - 641 003 Tamil Nadu	18.21	24
115	Design & development of atmospheric pressure non-thermal plasma system for food processing applications	ICAR-AGENG	Mahendran,R., Dr. (M) Assistant Professor Indian Institute of Crop Processing Technology Department of Food Packaging & System Development, Pudukkottai Road Thanjavur - 613 005 Tamil Nadu	34.22	24
116	Design & development of indigenous grafting machine for vegetable crops	ICAR-AGENG	Kumaran,G.S., Dr. (M) Principal Scientist ICAR-Indian Institute of Horticultural Research Department of Agricultural Engineering, P.O. Hessaraghatta Lake Bengaluru - 560 089 Karnataka	14.51	24
117	Design & development of integral power equipment for small farm mechanization	ICAR-AGENG	Mani,I., Dr. (M) Professor & Head ICAR-Indian Agricultural Research Institute Division of Agricultural Enginenering, Pusa New Delhi - 110 012 Delhi	25.75	24
118	Design & development of pulse electric field, ohmic heating & ultrasound field pre-treatment systems for enhanced extraction of essential oils from basil, lemongrass & corriander	ICAR-AGENG	Chopra,S., Dr. (F) Principal Scientist ICAR-Indian Agricultural Research Institute Division of Agricultural Engineering, Pusa New Delhi - 110 012 Delhi	33.98	24
119	Design & evaluation of forced draft paddy straw baler combustor technology for efficient biomass utilization applied to greenhouse climate control in winter for higher crop productivity	ICAR-AGENG	Sethi,V.P., Dr. (M) Head Punjab Agricultural University Department of Mechanical Engineering Ludhiana - 141 004 Punjab	42.00	24
120	Development of a microwave assisted UV sterilization system for liquid food	ICAR-AGENG	Mishra,S., Dr. (M) Assistant Professor National Institute of Technology (Rourkela) Department of Food Process Engineering Rourkela - 769 008 Odisha	28.12	24
121	Development of a typical village level primary processing center with hybrid power system for post-harvest loss reduction & value addition	ICAR-AGENG	Upadhyay,A., Dr. (M) Professor National Institute of Food Technology Entrepreneurship & Management Kundli Sonepat - 131 028 Haryana	57.46	24
122	Development of a vegetable transplanter with robotic Arm for metering of pot seedlings	ICAR-AGENG	Raheman,H., Dr. (M) Professor Indian Institute of Technology (Kharagpur) Department of Agricultural & Food Engineering Kharagpur - 721 302 West Bengal	24.40	24

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
123	Development of active packaing film from various food wastes for application on food products	ICAR-AGENG	Badwaik,L.S., Dr. (M) Assistant Professor Tezpur University Department of Food Engineering & Technology Tezpur - 784 028 Assam	27.52	24
124	Development of automatic front & rear axle weight distribution system for 2nd tractor	ICAR-AGENG	Pranav,P.K., Dr. (M) Assistant Professor North Eastern Regional Institute of Sciences & Technology Department of Agricultural Enginenering Nirjouli - 791 109 Arunachal Pradesh	14.49	24
125	Development of cloud network Drone (UAV) assisted sparyer	ICAR-AGENG	Kushwaha,H.L., Dr. (M) Senior Scientist ICAR-Indian Agricultural Research Institute Division of Agricultural Engieering, Pusa New Delhi - 110 012 Delhi	49.93	24
126	Development of coconut plucking robot	ICAR-AGENG	Gad,R.S., Dr. (M) Associate Professor Goa University Department of Electronics Taleigo Plateau - 403 206 Goa	23.00	24
127	Development of equipment & technology to mechanize Conservation Agriculture (CA) on terraces under rainfed hill farming condition of NEH region	ICAR-AGENG	Yadav,S.N., Dr. (M) Associate Professor Central Agricultural University Gangtok - 737 135 Sikkim	25.34	24
128	Development of equipment for mecahnized production of traditional Indian dairy products (rabri & kheer)	ICAR-AGENG	Minz,P.S., Dr. (M) Scientist ICAR-National Dairy Research Institute Division of Dairy Engineering Karnal - 132 001 Haryana	38.75	24
129	Development of health products (Pharmaceuticals) from Lac exudate: Evaluation of antiviral & anticancer potentials	ICAR-AGENG	Manik, Dr. (M) Assistant Professor Birla Institute of Technology (Mesra) Department of Pharmaceutical Sciences & Technology Ranchi - 835 215 Jharkhand	19.02	24
130	Development of machinery & process technology for the decortication of Chironji & value addition of by-product	ICAR-AGENG	Naik,R.K., Dr. (M) Assistant Professor Indira Gandhi Krishi Vishwavidyalaya Department of Agricultural Processing & Food Engineering, Faculty of Agricultural Engineering Raipur - 492 006 Chhattisgarh	15.63	24
131	Development of management protocols for on-farm bulk storage of paddy & development of a computer simulation model as design & management tool for bulk storage of grains in India	ICAR-AGENG	Abirami,K.C.V., Dr. (F) Associate Professor & Head Indian Institute of Crop Processing Technology Department of Academics & HRD, Pudukkottai Road Thanjavur - 613 005 Tamil Nadu	62.98	24
132	Development of Non Thermal Plasma (NTP) decontamination technology for fruits & vegetables	ICAR-AGENG	Prasad,R.V., Dr. (M) Professor & HoD Anand Agricultural University College of Food Processing Technology & Bioenergy Anand - 388 110 Gujarat	25.27	24
133	Development of package of machineries for comple mechanization of small land holders under different farming systems situation	ICAR-AGENG	Chaudhary,V.P., Dr. (M) Senior Scientist ICAR-Central Institute of Farming Systems Research Modipuram Meerut - 250 110 Uttar Pradesh	30.27	24
134	Development of robotic precision planter	ICAR-AGENG	Kushwaha,H.L., Dr. (M) Senior Scientist ICAR-Indian Agricultural Research Institute Division of Agriculural Enginenering, Pusa New Delhi - 110 012 Delhi	42.22	24

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
135	Electrospun smart O2 sensor for modified atmosphere packaged dairy products	ICAR-AGENG	Panjagari,N.R., Dr. (M) Scientist ICAR-National Dairy Research Institute Division of Food Science & Technology Dairy Technology Karnal - 132 001 Haryana	29.22	24
136	Establishment of mechanised cassava & sweet potato model farms	ICAR-AGENG	Sajeev,M.S., Dr. (M) Senior Scientist ICAR-Central Tuber Crops Research Institute Division of Crop Utilization, P.O. Sreekariyam Thiruvananthapuram - 695 017 Kerala	31.79	24
137	Extraction & mechanical separation of Chia seed mucilage	ICAR-AGENG	Prasad,B.V.S., Dr. (M) Associate Dean & Professor College of Food Science & Technology Angrau Bapatla - 522 101 Andhra Pradesh	33.16	24
138	Industrial adoption of ICAR-CIRCOT paper pulp technology	ICAR-AGENG	Vigneshwaran,N., Dr. (M) Senior Scientist ICAR-Central Institute for Research on Cotton Technology Adenwala Road, Matunga Mumbai - 400 019 Maharashtra	162.20	24
139	Manually propelled platform for harvesting of vegetables	ICAR-AGENG	Jesudas,D.M., Dr. (M) Professor Tamil Nadu Agricultural University Agricultural Machinery Research Centre, Agricultural Engineering College & Research Institute Coimbatore - 641 003 Tamil Nadu	10.34	24
140	Microwave assisted extraction of soymilk for improving its functionality	ICAR-AGENG	Pare,A., Dr. (M) Assistant Professor Indian Institute of Crop Processing Technology Pudukkottai Road Thanjavur - 613 005 Tamil Nadu	23.54	24
141	Non destructive quality analysis of fruits using acoustic sensing	ICAR-AGENG	Bhattacharyya,N., Dr. (M) Associate Director Centre for Development of Advanced Computing (C-DAC) Department of Agricultural & Environmental Electronics Kolkata - 700 091 West Bengal	47.02	24
142	Preparation of specialty grade pulp from cotton linters by blending with pulps from other cellulosic materials for high end applications	ICAR-AGENG	Prasad,V., Dr. (M) Senior Scientist ICAR-Central Institute for Research on Cotton Technology Adenwala Road, Matunga Mumbai - 400 019 Maharashtra	32.94	24
143	Process development & evaluation of plasma gasification for producer gas production from biowastes	ICAR-AGENG	Pugalendhi,S., Dr. (F) Professor & Head Tamil Nadu Agricultural University Department of Bioenergy, Agricultural Engineering College & Research Institute Coimbatore - 641 003 Tamil Nadu	42.80	24
144	Productivity improvement & alleviation of drudgery through small farm mechanization	ICAR-AGENG	Ramana,C., Dr. (M) Associate Dean & Head College of Agricultural Engineering Angrau, Lam Guntur - 522 034 Andhra Pradesh	19.16	24
145	Seed tape system for vegetable production in small & hilly farms of north east India	ICAR-AGENG	Barua,P., Dr. (M) Senior Scientist Assam Agricultural University Department of Agricultural Engineering Jorhat - 785 013 Assam	18.33	24

Total Cost of 145 Projects Under: ***Agricultural Sciences*** 4,626.47

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
146	Molecular characterization & evaluation of antibacterial property of novel bacteriocin useful for biopreservation & control of bovine mastitis	AICTE-RP	Das,A., Dr. (M) Bannari Amman Institute of Technology Department of Biotechnology, District Erode Sathyamangalam - 638 401 Tamil Nadu	9.60	36
147	Development of an efficient Penicillin production process using metabolic engineering and synthetic biology for the manufacture of active pharmacetical intermediate 6-Aminopencillanic acid and semisynthetic antibiotics	CSIR-ES	Pundle,A.V., Dr. (F) CSIR-National Chemical Laboratory Division of Biochemical Science Pune - 411 008 Maharashtra	23.16	36
148	Development of cell/tissue culture based platforms for productivity improvement and conservation of some rare constituent plants of Ayurvedic preparation-Dashmoorishtha	CSIR-ES	Mathur,A., Dr. (F) CSIR-Central Institute of Medicinal & Aromatic Plants Department of Biotechnolgy Lucknow - 226 015 Uttar Pradesh	23.16	36
149	Development of plant stress diagnostic tools: Photosynthetic performance based sensors	CSIR-ES	Sharma,V., Dr. (M) Banasthali Vidyapeeth Department of Bioscience & Biotechnology Banasthali - 304 022 Rajasthan	23.16	36
150	Distribution and ecology of foraminifera in marine sediments off the southern west coast of India with special reference to mud bank formation off Alleppy: Implications in paleoclimatic reconstructions and societal relevance	CSIR-ES	Nigam,R., Dr. (M) CSIR-National Institute of Oceanography Division of Geological Oceanography Goa - 403 004 Goa	23.16	36
151	Doubling the income of farmers of drought hit region of Bundelkhand through aromatic plants interventions	CSIR-ES	Tomar,V.K.S., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Department of Technology & Business Development Lucknow - 226 015 Uttar Pradesh	23.16	36
152	Global geodynamic reconstructions and the Indian shield	CSIR-ES	Tallavajhala,R., Dr. (M) National Centre for Earth Sciences Studies Crustal Process Group Thiruvananthapuram - 695 031 Kerala	23.16	36
153	Reconstruction of late quaternary-holocene monsoonal and paleoenvironmental shifts based on lake sediments, southern India	CSIR-ES	Achyuthan,H., Dr. (F) Anna University Department of Geology Chennai - 600 025 Tamil Nadu	23.16	36
154	Some problems of Geometry of numbers and Algebraic coding theory	CSIR-ES	Raka,M., Dr. (F) Panjab University Department of Mathematics Chandigarh - 160 014 Chandigarh	23.16	36
155	Tailoring magnetic and magnetoelectric properties of nanocomposites comprising a ferroelectric and a ferromagnetic component	CSIR-ES	Das,D., Dr. (M) UGC-DAE Consortium of Scientific Research Department of Meterials Science Kolkata - 700 106 West Bengal	23.16	36
156	Biochemical and molecular analysis on the role of nutrient management on Arsenic (As) stress mitigation and tolerance in north east Indian rice (Oryza sativa L) cultivar	CSIR-GS	Choudhury,S., Dr. (M) Assam University Plant Sress Biology Lab Silchar - 788 011 Assam	26.96	36
157	Characterization and expression analysis of Somatic Embryogenesis Receptor-like Kinase (SERK) gene(s) in Bulbophyllum rothschildianum (O'Brien) j j J.J.SM. (Orchidaceae)	CSIR-GS	Kaur,J., Dr. (F) Panjab University Department of Botany Chandigarh - 160 014 Chandigarh	26.96	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
158	Conservation status, ecology and coexistence of sympatric ungulates in Panna Tiger Reserve, M.P. India	CSIR-GS	Iiyas,O., Dr. (F) Aligarh Muslim University Department of Wildlife Science Aligarh - 202 002 Uttar Pradesh	31.41	36
159	Crucial role of Transcription Factor-EB(TFEB) in regulating differential antigen presentation and cross presentation during Leishmania donovani infection	CSIR-GS	Majumdar,S., Prof. (M) Bose Institute Division of Molecular Medicine Kolkata - 700 054 West Bengal	21.96	36
160	Deciphering the in-planta secretome of Rhizoctonia solani AG1-IA during infection of rice	CSIR-GS	Bhattacharya,S.G., Prof. (F) Bose Institute Division of Plant Biology Kolkata - 700 009 West Bengal	24.96	36
161	Deep sequencing of small RNAs to identify and characterize micro RNAs from Chlorophytum borivilianum	CSIR-GS	Singh,K., Dr. (M) Panjab University Department of Biotechnology, Sector - 25 Chandigarh - 160 014 Chandigarh	9.00	36
162	Design, synthesis and evaluating the potential of male reproductive tract specific antimicrobial peptides to limit uropathogenic E.coli infection and boost innate immune responses	CSIR-GS	Yenugu,S., Dr. (M) Hyderabad University Department of Animal Biology Hyderabad - 500 046 Telangana	20.00	36
163	Develoment of novel therapeutics from marine actinomycetes for targeting stem cells in triple negative breast cancer	CSIR-GS	Malla,R.R., Dr. (M) GITAM University Department of Biochemistry Visakhapatnam - 530 045 Andhra Pradesh	25.96	36
164	Effect of paternal folate defeciency on epigenetic regulation and imprinting of various genes in placenta	CSIR-GS	Kaur,J., Dr. (F) P.G. Institute of Medical Education & Research Department of Biochemistry Chandigarh - 160 012 Chandigarh	34.96	36
165	Effects of supplemental ultraviolet-B radiation on selected medicinal plants (Withania somnifera, Rauwolfia serpentina, and Eclipta alba) with particular reference to production of secondary metabolites	CSIR-GS	Agrawal,S.B., Prof. (M) Banaras Hindu University Department of Botany Varanasi - 221 005 Uttar Pradesh	25.46	36
166	Elucidating the role of BRG1 and Smarcal1 in cell cycle	CSIR-GS	Muthuswami,R., Dr. (F) Jawaharlal Nehru University School of Life Science New Delhi - 110 067 Delhi	20.00	36
167	Elucidating the role of GTP-induced transition of EB1 dimer to monomer in the regulation of microtubule plus ends	CSIR-GS	Manna,T.K., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) School of Biology Thiruvananthapuram - 695 016 Kerala	15.00	36
168	Exploring the anti-amyloidogenic behavior of anti-tuberculosis drugs: Possible implication in treatment of Alzheimer's disease	CSIR-GS	Khan,R.H., Prof. (M) Aligarh Muslim University Interdisciplin Biotech Unit Aligarh - 202 002 Uttar Pradesh	20.56	36
169	Formin-2 function in neural circuit development and organisation of behaviour	CSIR-GS	Ghose,A., Dr. (M) Indian Institute of Science Education & Research (Pune) Pune - 411 008 Maharashtra	32.96	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
170	Functional analysis of the spliced isoforms of NMII in mouse neuronal cells	CSIR-GS	Jana,S.S., Dr. (M) Indian Association for the Cultivation of Science Department of Biological Chemistry Kolkata - 700 032 West Bengal	20.00	36
171	Genome-wide identification and expression profiling of Nuclear Factor-Y (NF-Y) transcription factor genes in response to abiotic stresses in Sorghum bicolor L. cloning and overexpression of SbNF-YB2 in rice for terminal drought stress	CSIR-GS	Kishor,P.B.K., Prof. (M) Osmania University Department of Genetics Hyderabad - 500 007 Telangana	16.00	36
172	Identification and characterization of Phaseolus vulgaris long non-coding RNAs responsive to Mungbean Yellow Mosaic India Virus infection	CSIR-GS	Basak,J., Dr. (F) Visva Bharati University Department of Biotechnology Santiniketan - 731 235 West Bengal	28.96	36
173	Identification and functional evalution of Piwi-associated regulatory RNAs in the stem cell population of HPV-associated cervical cancers	CSIR-GS	Das,A.V., Dr. (F) Rajiv Gandhi Centre for Biotechnology Cancer Research Programm-9 Thiruvananthapuram - 695 014 Kerala	27.96	36
174	Identification of novel small molecule inhibitors for protein tyrosine phosphatase-1 B	CSIR-GS	Lakshmi,B.S., Dr. (F) Anna University Department of Biotechnology Chennai - 600 025 Tamil Nadu	25.96	36
175	Interaction of Respiratory Syncytial Virus (RSV) envelope protein with Glycosaminoglycans (GAGs) with possible implications for drug design and vaccine development	CSIR-GS	Parveen,S., Dr. (F) Jamia Millia Islamia C.I.R.B.S. New Delhi - 110 025 Delhi	30.96	36
176	Investigating the physiological role of cell wall amidase in caulobacter crescentus	CSIR-GS	Priyadarshini,R., Dr. (F) Shiv Nadar University Department of Life Science, Gautam Budh Nagar Greater Noida - 203 207 Uttar Pradesh	20.64	24
177	Investigating the role of exogenous ATP in cancer metastasis	CSIR-GS	Akundi,R.S., Dr. (M) South Asian University Faculty of Life Science & Biotechnology New Delhi - 110 021 Delhi	27.30	36
178	Investigating whether BLM helicase regulates the functions of multiple oncogenic Fbw7 substrates by enhancing their turnover	CSIR-GS	Sengupta,S., Dr. (M) National Institute of Immunology Department of Biotechnology, Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	29.46	36
179	Mating strategies in the primitively eusocial wasp ropalidia marginata	CSIR-GS	Gadagkar,R., Prof. (M) Indian Institute of Science Centre for Ecological Science Bengaluru - 560 012 Karnataka	27.96	36
180	Melatonergic and adrenergic regulation in neuroendocrine modulation of immune function in physically stressed mice	CSIR-GS	Singh,S.S., Dr. (M) Tripura University Department of Zoology Suryamaninagar - 799 022 Tripura	30.96	36
181	Microbial biotransformation of pharmaceutically and commercially important alkaloids	CSIR-GS	Ganjewala,D., Dr. (M) Amity University Amity Institute of Biotechnolgy Noida - 201 301 Uttar Pradesh	24.96	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
182	Nanoparticle induced oxidative stress and microrna profiling of Maize (Zea mays L.)	CSIR-GS	Hossain,Z., Dr. (M) Kalyani University Department of Botany Kalyani - 741 235 West Bengal	22.46	36
183	Pathogenesis of Epstein-Barr virus & Chlamydia Pneumonia in multiple sclerosis	CSIR-GS	Jha,H.C., Dr. (M) Indian Institute of Technology (Indore) Centre for Bioscience & Biomedical Engineering Indore - 453 441 Madhya Pradesh	20.00	36
184	Polyamines as probable stress alleviators in rice plants exposed to arsenic stress	CSIR-GS	Gupta,B., Dr. (M) Presidency University Department of Biological Science Kolkata - 700 073 West Bengal	28.71	36
185	Predictive modeling of nucleic acid recognition dynamics & structured complex formation by disordered proteins	CSIR-GS	Ahmad,S., Dr. (M) Jawaharlal Nehru University School of C & I.S. New Delhi - 110 067 Delhi	19.46	36
186	Predictive modeling of nucleic acid recognition dynamics & structured complex formation by disordered proteins	CSIR-GS	Gromiha,M.M., Dr. (M) Indian Institute of Technology (Madras) Department of Biotechnology Chennai - 600 036 Tamil Nadu	17.46	36
187	Prospect of a novel protein in earthworm gut to minimize heavy metal risk in vermicompost for sustainable crop production	CSIR-GS	Bhattacharya,S.S., Dr. (M) Tezpur University Department of Environmental Sciences Tezpur - 784 028 Assam	26.96	36
188	Proteome analysis during Lipaphis erysimi-rorippa indica incompatible interaction to identify putative proteins responsible for Aphid tolerance and their interacting partners	CSIR-GS	Sikdar,S.R., Prof. (M) Bose Institute Division of Plant Biology Kolkata - 700 054 West Bengal	15.00	36
189	Purification and characterization of Alpha glucosidase inhibitors from endophytic fungi and evaluation of their potential as biocontrol agents	CSIR-GS	Kaur,A., Dr. (F) Guru Nanak Dev University Department of Microbiology Amritsar - 143 005 Punjab	24.96	36
190	RNAi mediated suppression of StBel1-like genes to investigate the potential for tuber yield increase in potato (S.tuberosum)	CSIR-GS	Banerjee,A.K., Dr. (M) Indian Institute of Science Education & Research (Pune) Division of Biology Pune - 411 008 Maharashtra	27.96	36
191	Role of non-coding small RNAs (sRNA) in regulation of carbon catabolic pathways in E. coli: Investigations into regulation of sRNA, SECO 10054A expression and its interaction with Lipoamide dehydrogenase (Lpd) mRNA	CSIR-GS	Dayananda,S., Prof. (M) Hyderabad University Department of Animal Biology Hyderabad - 500 046 Telangana	27.96	36
192	Role of RNA Binding Proteins (RBPS) in glioblastoma development and progression-insights into the role of IMP-3 (IGF-2 mRNA binding protein 3) in Glioma Stem-like Cells (GSC) maintenance	CSIR-GS	Somasundaram,K., Dr. (M) Indian Institute of Science Department of Microbiology & Cell Biology Bengaluru - 560 012 Karnataka	32.96	36
193	Sensors of heat stress: Exploring mitogen-activated protein kinase genes and dissecting their role in thermotolerance of Wheat (Triticum aestivum L.)	CSIR-GS	Kumar,R.R., Dr. (M) ICAR-Indian Agricultural Research Institute Division of Biochemistry New Delhi - 110 012 Delhi	27.96	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
194	Studies on interactiom of plant transcription factors in full length transcript-promoter fragment of plant infecting Horse Radish Latent Virus (HRLV)	CSIR-GS	Dey,N., Dr. (M) Institute of Life Sciences Bhubaneswar - 751 023 Odisha	27.96	36
195	Studies on non-canonical functions of splicing proteins in maintaining genomic stability	CSIR-GS	Reddy,M.S., Dr. (M) Centre for DNA Fingerprinting & Diagnostics L.C.D.C.S. Hyderabad - 500 001 Telangana	27.96	36
196	Studies on P-GP (Permeability Glycoprotein) inhibition and anticancer potential of potentilla fulgens and potentilla atrosanguinea and characterization of its active constituents	CSIR-GS	Jaitak,V., Dr. (M) Central University of Punjab Centre for Pharma Science & Natural PR Bhatinda - 151 001 Punjab	27.96	36
197	Studies on the signal transduction mechanism by which angiotensin II inhibits isoproterenol induced increase in adenyl cyclase activity and camp production (B-Adrenergic response) in pulmonary artery smooth muscle cells	CSIR-GS	Chakarborti,S., Prof. (M) Kalyani University Department of Biochemistry & Biophysis Kalyani - 741 235 West Bengal	31.96	36
198	Study on diversity of Lichenicolous fungi from India with special reference to Uttarakhand	CSIR-GS	Joshi,Y., Dr. (M) Kumaun University Department of Botany Almora - 263 601 Uttarakhand	25.96	36
199	Study role of Untranslated Regions (UTR) in the genome of Chikungunya virus	CSIR-GS	Karpe,Y.A., Dr. (M) Agharkar Research Institute Pune - 411 004 Maharashtra	15.00	36
200	To deliniate the role of MLL complex in microtubule organizing capability of centrosome	CSIR-GS	Tyagi,S., Dr. (F) Centre for DNA Fingerprinting & Diagnostics Lab of Cell Cycle Regulation Hyderabad - 500 001 Telangana	28.96	36
201	Understanding the mechanism of genome fragility in mitochondria	CSIR-GS	Raghavan,S.C., Dr. (M) Indian Institute of Science Department of Biochemistry Bengaluru - 560 012 Karnataka	20.00	36
202	Understanding the role of aminopeptidases in Leishmaniasis through structural and functional studies	CSIR-GS	Qureshi,I.A., Dr. (M) Hyderabad University Department of Biotechnology & Bioinformation Hyderabad - 500 046 Telangana	19.90	36
203	Unraveling the regulation of carbonic anhydrase-3, an essential component of carbon dioxide concentration mechanism in chlamydomonas	CSIR-GS	Mallikarjuna,K., Dr. (M) Acharya Nagarjuna University Department of Botany & Microbiology Nagarjuna Nagar - 522 510 Andhra Pradesh	29.96	36
204	Unraveling the role of HPV16E7 oncoprotein in manupulaoting FoxM1 activity via APC/C-Cdh1 axis	CSIR-GS	Nag,A., Prof. (F) Delhi University Department of Biochemistry New Delhi - 110 021 Delhi	31.46	36
205	Value addiction in bamboo,canes and lantana thermal modification	CSIR-GS	Pandey,K.K., Dr. (M) Institute of Wood Science & Technology Bengaluru - 560 003 Karnataka	19.46	36
206	Deciphering strategies for development of leaf spot disease resistant Withania somnifera (lL.) dunal	CSIR-SS	Pati,P.K., Dr. (M) Guru Nanak Dev University Department of Biotechnology Amritsar - 143 005 Punjab	38.36	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
207	Molecular and morphological diversity in photobiont associated with parmelioid lichens of Indian Himalaya	CSIR-SS	Bast,F., Dr. (M) Central University of Punjab Centre for Plant Science Bhatinda - 151 001 Punjab	32.56	36
208	3D printed vascular channels & their maturation: Application n 3D tissue survival & vascular graft	DBT-R&D	Rath,S.N., Dr. (F) Indian Institute of Technology (Hyderabad) Near NH 65, Kandi Sangareddy - 502 285 Telangana	47.80	24
209	3'-UTR regulation of cardiac genes with roles in pressure overload cardiac hypertrophy	DBT-R&D	Laishram,R.S., Dr. (M) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	78.03	36
210	A "bench to bedside" model for clinical & translational science between academic research instituted & hospitals focused on fetal growth restriction & preterm birth	DBT-R&D	Kshetrapal,P., Dr. (F) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	136.38	60
211	A "bench to bedside" model for clinical & translational science between academic research instituted & hospitals focused on fetal growth restriction & preterm birth	DBT-R&D	Sopory,S., Dr. (F) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	136.38	60
212	A "bench to bedside" model for clinical & translational science between academic research instituted & hospitals focused on fetal growth restriction & preterm birth	DBT-R&D	Maiti,T.K., Dr. (M) Regional Centre for Biotechnology NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	136.38	60
213	A "bench to bedside" model for clinical & translational science between academic research instituted & hospitals focused on fetal growth restriction & preterm birth	DBT-R&D	Bhatnagar,S., Dr. (F) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	136.38	60
214	A "bench to bedside" model for clinical & translational science between academic research instituted & hospitals focused on fetal growth restriction & preterm birth	DBT-R&D	Sharma,S., Dr. (F) General Hospital Jharsa Road, Near Bus Stand Road Gurgaon - 122 001 Haryana	136.38	60
215	A combined approach of metabolomic, proteomic, transcriptomic & organization of photosynthetic apparatus from Chlamydomonas reinhardtii under various light intensities with different growth conditions	DBT-R&D	Rajagopal,S., Prof. (M) Hyderabad University Professor C.R. Rao, Gachibowli Hyderabad - 500 046 Telangana	64.43	36
216	A computational model of neuron-astrocyte-vessel networks to simulate vascular responses in whisker barrel region of rodent somatosensory cortex	DBT-R&D	Chakravarthy,V.S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 110 036 Tamil Nadu	37.91	36
217	A computational pipeline for understanding disease-causing mutations in genomes Algorithms for context analysis & development of prediction tools: AIM-1: A computational pipeline for identying the context of key mutations in cancer genomes. AIM 2: ..	DBT-R&D	Raman,K., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	90.64	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
218	A fresh look at sigma 70 promoter of Escherichia coli	DBT-R&D	Arya,R., Dr. (M) Jawaharlal Nehru University Aruna Asaf Ali Road New Delhi - 110 067 Delhi	22.21	36
219	A fresh look at sigma 70 promoter of Escherichia coli	DBT-R&D	Das,H.K., Prof. (M) Jawaharlal Nehru University Arua Asaf Ali Road New Delhi - 110 067 Delhi	22.21	36
220	A fresh look at sigma 70 promoter of Escherichia coli	DBT-R&D	Jayaram,B., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	22.21	36
221	A genomewide approach to identify the sites of intiation of chromosomal DNA replication and analysis of replisome proteins in human Malaria parasite Plasmodium falciparum	DBT-R&D	Dhar,S.K., Prof. (M) Jawaharlal Nehru University Aruna Asafali Road New Delhi - 110 067 Delhi	66.88	36
222	A mariner transposon based mutagenesis system for the enhanced production of biosurfactant to be applied for ..	DBT-R&D	Kandasamy,R., Dr. (F) S.R.M. University Potheri Kattankulathur - 603 203 Tamil Nadu	26.37	36
223	A novel approach of production of functional products (e.g prebiotic oligosaccharides & D-Psicose) from sweet sorghum	DBT-R&D	Singh,S.P., Dr. (M) Centre of Innovative Applied Bio Processing Sector 81, Knowledge City, S.A.S. Nagar Mohali - 140 306 Punjab	83.81	36
224	A study on immunogentic profile of inflammatory components influencing H. pylori induced gastric cancer in Indian Tamils	DBT-R&D	Megala,J., Dr. (M) S.R.M. University Potheri Kattankulathur - 603 203 Tamil Nadu	38.42	36
225	A study on the histomorphology of detrusor with respect to bladder growth as related to upper & lower urinary tract outcomes	DBT-R&D	Bajpai,M., Prof. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	39.00	36
226	A study on the role of Chitotrotriosidase -1 in the pathophysiology of sporadic amyotrophic lateral sclerosis	DBT-R&D	Vijayalakshmi,K., Dr. (F) National Institute of Mental Health & Neuro Sciences Post Box No.2900, Off Hosur Road Bengaluru - 560 029 Karnataka	37.55	36
227	A study to identify genetic variants in Indian patients with congenital adrenal hyperplasia	DBT-R&D	Khadilkar,A.V., Dr. (F) Hirabai Cowasji Jehangir Medical Research Institute 32, Sasson Road Pune - 411 001 Maharashtra	44.77	36
228	Accelerating the heat stability & kinetic parameters of the wheat endosperm ADP-glucose pyrophosphorylase using alternative ..	DBT-R&D	Pandey,B., Dr. (F) Jawaharlal Nehru University Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	40.00	36
229	Access to macromolecular crystallography beamlines at ESRF, France	DBT-R&D	Nair,D.T., Dr. (M) Regional Centre for Biotechnology NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	961.30	36
230	Access to macromolecular crystallography beamlines at ESRF, France	DBT-R&D	Salunke,D.M., Dr. (M) Regional Centre for Biotechnology NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	961.30	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
231	Adult neurogenesis in an excitotoxic brain disorder model: Role of pannexin 1 & mdulation by bacopa monnieri	DBT-R&D	Trigun,S.K., Prof. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	62.18	36
232	Advanced research platform for crop sciences	DBT-R&D	Chakraborty,S., Dr. (F) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P. O.Box No. 10531 New Delhi - 110 067 Delhi	671.37	36
233	Advanced research platform for crop sciences	DBT-R&D	Sonti,R.V., Dr. (M) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P. O.Box No. 10531 New Delhi - 110 067 Delhi	671.37	36
234	Advanced research platform for crop sciences	DBT-R&D	Vadassery,J., Dr. (F) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P. O.Box No. 10531 New Delhi - 110 067 Delhi	671.37	36
235	Advanced research platform for crop sciences	DBT-R&D	Sinha,A., Dr. (M) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P. O.Box No. 10531 New Delhi - 110 067 Delhi	671.37	36
236	Allele mining for Phosphorus Starvation Tolerance gene (PSTOL1) in oryza rufipogon & its transfer to elite rice cultivars	DBT-R&D	Kumari,N., Dr. (F) Punjab Agricultural University Ludhiana - 141 001 Punjab	45.80	36
237	Amelioration of infertility in dairy cows through nutritional & biotechnological interventions	DBT-R&D	Karunakaran,M., Dr. (M) ICAR-National Dairy Research Institute Near Jewels Hotel, G.T. Road Karnal - 132 001 Haryana	27.66	24
238	An integrative system biology approach for understanding the pathogenic mechanisms of Candida albicans	DBT-R&D	Chandrasekaran,K., Dr. (F) P.S.G. College of Technology Avinashi Road, Peelamedu Coimbatore - 641 004 Tamil Nadu	51.18	36
239	An investigation on high value sesquiterpene(s) biosynthesis & its overproduction in heterologous system	DBT-R&D	Shasany,A.K., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Lucknow - 226 015 Uttar Pradesh	50.86	36
240	An obligate role for discoidin domain receptor 2 in cell cycle progression & apoptosis resistance in cardiac fibroblasts	DBT-R&D	Shivakumar,K., Dr. (M) Sree Chitra Tirunal Institute for Medical Sciences & Technology Jai Nagar W Road, Chalakkuzhi Thiruvananthapuram - 695 011 Kerala	39.88	36
241	Analysis of DNA & RNA components of nuclear matrix in B. mori embryos	DBT-R&D	Mamillapalli,A., Dr. (F) GITAM University Visakhapatnam - 530 045 Andhra Pradesh	30.34	36
242	Analysis of mitochondrial morphology & metabolism regulation in Drosophila neuroblast differentiation	DBT-R&D	Rikhy,R., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, NCL Colony. Pashan Pune - 411 008 Maharashtra	49.40	36
243	Analysis of role of Dengue virus NS 2B-NS 3 protease in Thrombocytopenia	DBT-R&D	Venkataramana,M., Dr. (F) Hyderabad University Professor C.R. Rao Road, Gachibowli Hyderabad - 500 046 Telangana	50.29	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
244	Analysis of the comprehensive role of two component systems in Staphylococcus aureus biofilm synthesis & antibiotic	DBT-R&D	Sengupta,M., Dr. (F) Bennett University Plot No 8-11, Tech Zone, Street 2 Greater Noida - 201 301 Uttar Pradesh	46.10	36
245	Antigen-specific regulatory CDB T cell vaccination to control food allergy & establishment of oral tolerance	DBT-R&D	Lal,G., Dr. (M) National Centre for Cell Sciences Pune University Campus, Ganeshkhind Pune - 411 007 Maharashtra	59.60	36
246	Application of Bovine Herpes Virus - 1 (BoHV-1) derived glycoprotein D (gD) & Latency Related (LR) protein as a diagnostic(s)	DBT-R&D	Ratta,B., Dr. (F) ICAR-Indian Veterinary Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	42.44	36
247	Application of customized PGPM based formulations for reclamation of soil permeated with organophosphate pesticide residues	DBT-R&D	Sattiraju,K.S., Dr. (F) Jaypee Institute of Information Technology A-10, Sector 62 Noida - 201 301 Uttar Pradesh	31.05	48
248	Applications of xylanase - pectinase concoction produced concurrently by a bacterial isolate in manufacturing agro-waste	DBT-R&D	Mahajan,R., Dr. (F) Kurukshetra University S.O. Thanesar Kurukshetra - 136 119 Haryana	40.62	36
249	Approaching Mycobacterium Tuberculosis PPE protein Rv1168c (PPE17) as a potential marker for diagnosis of Tuberculosis (TB) patients in India	DBT-R&D	Mukhopadhyay,S., Dr. (F) Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 001 Telangana	45.22	36
250	Aptamer based lateral flow device for the detection of heat or estrous in buffalo	DBT-R&D	Suman,P., Dr. (M) National Institute of Animal Biotechnology Opp. Journalist Colony, Q City Road, Gachibowli Hyderabad - 500 032 Telangana	52.22	36
251	Assessment of SNP variation in silkworm (Bombyx mori L) by RAD sequencing & genome-wide association mapping of important commercial traits	DBT-R&D	Niranjan,V., Prof. (F) R.V. College of Engineering Kengeni, Mysore Road Bengaluru - 560 059 Karnataka	33.71	36
252	Assessment of SNP variation in silkworm (Bombyx mori L) by RAD sequencing & genome-wide association mapping of important commercial traits	DBT-R&D	Moorthy,S.M., Dr. (M) Central Sericultural Research & Training Institute Mananthavadi Road, Sriramapura, Mahadevapura Mysore - 570 008 Karnataka	33.71	36
253	Assessment of the potential of natural Gangetic biofilters for wastewater treatment in constructed wetland	DBT-R&D	Kumar,R., Dr. (M) Central University of Bihar Gaya - 800 014 Bihar	34.74	36
254	Assessment of therapeutic potential of ?-Aminobutyric acid (GABA) & Calorie Restriction (CR) diet in Type II Diabetes	DBT-R&D	Begum,R., Prof. (F) M.S. University of Baroda Fatehganj Vadodara - 390 002 Gujarat	32.86	36
255	Atomistic insight into the structural influences of competitive post-translational modifications: Phosphorylation & O-GlcNAcylation	DBT-R&D	Mallajosyula,S.S., Dr. (M) Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 355 Gujarat	50.53	36
256	Attempt to develop diagnostics & preventive measure for suspected fish viral diseases encountered in Assam	DBT-R&D	Hameed,A.S.S., Dr. (M) C. Abdul Hakeem College Hakeem Nagar, Melvisharam Vellore - 632 509 Tamil Nadu	47.93	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
257	Attempt to develop diagnostics & preventive measure for suspected fish viral diseases encountered in Assam	DBT-R&D	Das,S.K., Prof. (M) College of Veterinary Science Tirupati Chittoor - 517 501 Andhra Pradesh	47.93	36
258	Attempt to develop diagnostics & preventive measure for suspected fish viral diseases encountered in Assam	DBT-R&D	Sarma,D., Prof. (M) Gauhati University Kamrup Guwahati - 781 014 Assam	47.93	36
259	Augmenting rural goat farming in Goa for sustainable income through advanced technological interventions in reproductive, nutrition & health management	DBT-R&D	Nayakvadi,S., Dr. (M) ICAR-Research Complex for Goa Region Ela, Old Goa - 403 402 Goa	28.69	36
260	Bioactive molecule (TGF beta 1 & Wnt/Beta - catenin inhibitor) presenting injectable double network hydrogels for cartilage regeneration	DBT-R&D	Katti,D.S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	54.62	24
261	Bioassay guided search for active constituent/s of A. muricata & their therapeutic effect on AMPK with reference to Diabetes	DBT-R&D	Beedkar,S.D., Dr. (F) CSIR-Indian Institute of Chemical Technology Tarnaka Hyderabad - 500 007 Telangana	52.67	36
262	Bioaugmentation of activated sludge for enhanced biodegradation of paper mill wastewater: An effort to restore river ecosystem	DBT-R&D	Raj,A., Dr. (M) CSIR-Indian Institute of Toxicology Research Vishvigyan Bhawan, 31, Mahatma Gandhi Marg, P.O. Box No 80 Lucknow - 226 001 Uttar Pradesh	47.58	39
263	Biochemical & functional characterization of alpha-carbonic anhydrase from Leishmania major	DBT-R&D	Datta,R.D., Dr. (M) Indian Institute of Science Education & Research (Kolkata) 35/1, 2nd Avenue, DC Block, Sector 1 Kolkata - 700 065 West Bengal	40.13	36
264	Biochemical & molecular investigation of aquatic silk protein from chironomid midgae from ..	DBT-R&D	Thorat,L.J., Dr. (F) Savitribai Phule Pune University GaneshKhind Road Pune - 411 007 Maharashtra	40.00	36
265	Bioconversion of CO2 to platform chemicals through microbial catalyzed electrochemical approaches	DBT-R&D	Mohan,S.V., Dr. (M) CSIR-Indian Institute of Chemical Technology Tarnaka Hyderabad - 500 007 Telangana	63.47	36
266	Biodesign-Bioengerring initiative (Phase-II)	DBT-R&D	Ananthasuresh,G.K., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	488.18	36
267	Biodesign-Bioengerring initiative (Phase-II)	DBT-R&D	Mondal,A., Dr. (M) St. John's Research Institute St. John's National Academy of Health Sciences Bengaluru - 560 034 Karnataka	488.18	36
268	Biodesign-Bioengerring initiative (Phase-II)	DBT-R&D	Chaubey,A., Dr. (M) Mazumdar Shaw Medical Foundation Bommasandra Industrial Area, Anekal Taluk Bengaluru - 560 099 Karnataka	488.18	36
269	Biofortification of branched chain amino acid-leucine in brassica crops using CRISPR-Cas9 mediated genome editing	DBT-R&D	Bisht,N.C., Dr. (M) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P. O.Box No. 10531 New Delhi - 110 067 Delhi	80.50	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
270	Biomass production & downstream processing of Spirulina (Arthrospira) platensis for high-purity colorant grade phycocyanin extraction	DBT-R&D	Shukla,S.P., Dr. (M) ICAR-Central Institute for Fisheries Education Yari Road, Versova, Andheri West Mumbai - 400 061 Maharashtra	38.93	36
271	Biomethanation & power generation from municipal solid waste	DBT-R&D	Sahoo,S.K., Dr. (M) Vivekananda Institute of Biotechnology Sri Ramkrishna Ashram, Village Nimpith, District 24 PGS Kolkata - 743 338 West Bengal	43.30	36
272	Biophysical & biochemical characterization of the sliding clamps of bacterial & bacteriophage origin	DBT-R&D	Jain,V., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bhopal Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	64.13	36
273	Bio-prospecting for anti-osteoporotic collagen peptides derived from fish bones	DBT-R&D	Robinson,J., Dr. (F) Tamil Nadu Fisheries University First Line Beach Road Nagapattinam - 611 001 Tamil Nadu	29.74	36
274	Bio-prospecting for anti-osteoporotic collagen peptides derived from fish bones	DBT-R&D	Senthilkumaran,B., Prof. (M) Hyderabad University Professor C.R. Rao Road, Gachibowli Hyderabad - 500 046 Telangana	29.74	36
275	Bioprospecting for novel lignocellulolytic glycosyl hydrolases & auxilliary enzymes from diverse thermophilic fungal	DBT-R&D	Chadha,B.S., Prof. (M) Guru Nanak Dev University Amritsar - 143 005 Punjab	53.48	36
276	Biosynthesis of isoprene, an industrially important hydrocarbon, using E. coli as model organism	DBT-R&D	Srivastava,S., Dr. (M) Motilal Nehru National Institute of Technology (Allahabad) Barrister Mullah Colony, Teliarganj, Prayagraj Allahabad - 211 004 Uttar Pradesh	46.98	36
277	Biotech-kisan innovation science application network (Biotech-Kisan) southern plateau & hills zone 10	DBT-R&D	Patil,S., Dr. (M) Indian Society of Agribusiness Professionals B1/B1, Mathura Road, Mohan Cooperative Industrial Estate Greater Kailash New Delhi - 110 044 Delhi	183.41	24
278	Biphasic fermentation for Triacyl Glycerol (TAG) production from pretreated lignocellulosic biomass hydrolysates using mixed microbial cultures	DBT-R&D	Sharma,M.B., Dr. (F) CSIR-Indian Institute of Chemical Technology Tarnaka Hyderabad - 500 007 Telangana	19.91	36
279	Biphasic fermentation for Triacyl Glycerol (TAG) production from pretreated lignocellulosic biomass hydrolysates using mixed microbial cultures	DBT-R&D	Mahesh,A., Dr. (F) CSIR-Indian Institute of Chemical Technology Tarnaka Hyderabad - 500 007 Telangana	19.91	36
280	Bone mineral density & chronic alcoholism & changes following Disulfiram Deaddiction therapy	DBT-R&D	Balhara,Y.P.S., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	41.55	36
281	Bone mineral density & chronic alcoholism & changes following Disulfiram Deaddiction therapy	DBT-R&D	Goswami,R., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	41.55	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
282	Building integrated pipeline for cancer genome analysis: Role of mobile genetic elements in cancers	DBT-R&D	Gupta,S., Prof. (M) Jaypee Institute of Information Technology A-10, Sector 62 Noida - 201 301 Uttar Pradesh	14.62	36
283	Building integrated pipeline for cancer genome analysis: Role of mobile genetic elements in cancers	DBT-R&D	Rawal,K., Dr. (M) Jaypee Institute of Information Technology A-10, Sector 62 Noida - 201 301 Uttar Pradesh	14.62	36
284	'Bulk' - superhydrophobic polymer materials for controlled & tunable release of antimicrobial peptides: A novel material for generating antimicrobial material	DBT-R&D	Manna,U., Dr. (M) Indian Institute of Technology (Guwahati) Kamrup Guwahati - 781 039 Assam	42.14	36
285	CEIB for antibody technology: Research & training for therapeutic & diagnostic applications	DBT-R&D	Gupta,A., Dr. (F) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	202.90	36
286	CEIB for antibody technology: Research & training for therapeutic & diagnostic applications	DBT-R&D	Chaudhary,V.K., Prof. (M) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	202.90	36
287	CEIB for antibody technology: Research & training for therapeutic & diagnostic applications	DBT-R&D	Singh,S., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	202.90	36
288	Cell therapy in an animal model of Hemophilia using genome - edited hepatocyte-like cells differentiated from patient derived induced pluripotent stem cells	DBT-R&D	Malhotra,P., Dr. (M) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	14.32	18
289	Cell therapy in an animal model of Hemophilia using genome - edited hepatocyte-like cells differentiated from patient derived induced pluripotent stem cells	DBT-R&D	Mohmmed,A., Dr. (M) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	14.32	18
290	Cell therapy in an animal model of Hemophilia using genome - edited hepatocyte-like cells differentiated from patient derived induced pluripotent stem cells	DBT-R&D	Girija,S.M., Dr. (F) Institute of Liver & Biliary Sciences D1, Vasant Kunj New Delhi - 110 070 Delhi	14.32	18
291	Cellular transition - an epigenetic perspective in development & disease	DBT-R&D	Dutta,D., Dr. (F) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	51.86	36
292	Centre of Excellence for Epilepsy - Phase - II	DBT-R&D	Mandal,P., Dr. (M) National Brain Research Centre NH-B, Manesar Gurgaon - 122 051 Haryana	311.70	60
293	Centre of Excellence for Epilepsy - Phase - II	DBT-R&D	Chandra,P.S., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	311.70	60
294	Centre of Excellence for Epilepsy - Phase - II	DBT-R&D	Gandhi,T.K., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	311.70	60

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
295	Centre of Excellence for Epilepsy - Phase - II	DBT-R&D	Tripathi,M., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	311.70	60
296	Centre of Excellence for Epilepsy - Phase - II	DBT-R&D	Dixit,A., Dr. (F) National Brain Research Centre NH-B, Manesar Gurgaon - 122 051 Haryana	311.70	60
297	Centre of Excellence for Epilepsy - Phase - II	DBT-R&D	Jain,N., Dr. (M) National Brain Research Centre NH-B, Manesar Gurgaon - 122 051 Haryana	311.70	60
298	Centre of Excellence for Epilepsy - Phase - II	DBT-R&D	Roy,P.K., Dr. (M) National Brain Research Centre NH-B, Manesar Gurgaon - 122 051 Haryana	311.70	60
299	Centre of Excellence for Epilepsy - Phase - II	DBT-R&D	Banerjee,A., Dr. (M) National Brain Research Centre NH-B, Manesar Gurgaon - 122 051 Haryana	311.70	60
300	Characterization of endogenous & episomal Pararetro viruses in black peper	DBT-R&D	Bhat,A.I., Dr. (M) ICAR-Indian Institute of Spices Research Parambil Bazar Road, Vellimadukunnu Kozhikode - 673 012 Kerala	48.96	36
301	Characterization of Epap-1 bound epitopes of gp120: Development of novel entry inhibitors	DBT-R&D	Kondapi,A.K., Prof. (M) Hyderabad University Professor C.R. Rao Road, Gachibowli Hyderabad - 500 046 Telangana	62.11	36
302	Characterization of L. donovani S-adenosyl methionine decarboxylase: Spermidine synthase interactions	DBT-R&D	Pratap,J.V., Dr. (M) CSIR-Central Drug Research Institute Sitapur Road, Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	45.25	36
303	Characterizing the interactomes of Clacium Dependent Protein Kinases (CDPKs) to decipher their role during invasion & evasion of plasmodium	DBT-R&D	Kaur,I., Dr. (F) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	59.71	36
304	Chemotyping, quality assessment & post harvest technology development in some important medicinal plants for elite selection, drug yeild optimization & quality retention	DBT-R&D	Nayak,S., Prof. (F) Siksha O Anusandhan University Kalinga Nagar, Ghalikia Bhubaneswar - 751 030 Odisha	39.86	36
305	Chemotyping, quality assessment & post harvest technology development in some important medicinal plants for elite selection, drug yeild optimization & quality retention	DBT-R&D	Ghosh,B., Dr. (M) Ramakrishna Mission Vivekananda Centenary College Rahara Kolkata - 700 118 West Bengal	39.86	36
306	Chloroplast metabolic engineering of artemisia annua for enhancing artemisinin biosynthesis	DBT-R&D	Kumar,S., Dr. (M) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	35.03	36
307	Chloroplast metabolic engineering of artemisia annua for enhancing artemisinin biosynthesis	DBT-R&D	Abdin,M.Z., Prof. (M) Jamia Hamdard Hamdar Nagar New Delhi - 110 062 Delhi	35.03	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
308	Circulating cell free DNA (cfDNA) as a tool to predict acute kidney injury in acute - on chronic liver failure	DBT-R&D	Acharya,P., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	49.49	36
309	Cohorts for HIV Resistance & Progression in Indian Childredn & Adults (CoHRPICA)	DBT-R&D	Bandyopadhyay,B., Dr. (F) Calcutta School of Tropical Medicine 108, Chittaranjan Avenue Kolkata - 700 073 West Bengal	260.53	60
310	Cohorts for HIV Resistance & Progression in Indian Childredn & Adults (CoHRPICA)	DBT-R&D	Sanjeeva,G.N., Dr. (M) Indira Gandhi Institute of Child Health Siddapura, Jayanagar Bengaluru - 560 029 Karnataka	260.53	60
311	Cohorts for HIV Resistance & Progression in Indian Childredn & Adults (CoHRPICA)	DBT-R&D	Thakar,M.R., Dr. (F) ICMR-National Aids Research Institute Plot No. 73, G Block, MIDC, Bhasori Pune - 411 026 Maharashtra	260.53	60
312	Cohorts for HIV Resistance & Progression in Indian Childredn & Adults (CoHRPICA)	DBT-R&D	Banerjea,A.C., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	260.53	60
313	Cohorts for HIV Resistance & Progression in Indian Childredn & Adults (CoHRPICA)	DBT-R&D	Bhatnagar,T., Dr. (M) ICMR-National Institute of Epidemiology Second Main Road, Tamil Nadu Housing Board, Ayaoakkam Chennai - 600 031 Tamil Nadu	260.53	60
314	Cohorts for HIV Resistance & Progression in Indian Childredn & Adults (CoHRPICA)	DBT-R&D	Murugavel,K.G., Dr. (M) Y.R. Gaitonde Center for Aids Research & Education Voluntary Health Services Campus, Taramain Chennai - 600 113 Tamil Nadu	260.53	60
315	Cohorts for HIV Resistance & Progression in Indian Childredn & Adults (CoHRPICA)	DBT-R&D	Luke,E.H., Dr. (F) ICMR-National Institute for Research in Tuberculosis No. 1, Mayor, Sathiayamoorthy Road, Chetpet Chennai - 600 031 Tamil Nadu	260.53	60
316	Cohorts for HIV Resistance & Progression in Indian Childredn & Adults (CoHRPICA)	DBT-R&D	Sridhar,R., Dr. (M) Government Hospital of Thoracic Medicine 77, Chennai-Theni Highway, Sanatorium Kadaperi, Tamabaram Chennai - 600 047 Tamil Nadu	260.53	60
317	Collaborative neuro-engineering platform for excellence in innovation & translational research	DBT-R&D	Suri,A., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	328.58	60
318	Collaborative neuro-engineering platform for excellence in innovation & translational research	DBT-R&D	Banerjee,S., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	328.58	60
319	Combating the chellenge of antibiotic tolerance: Combining conventional anti-tubercular drugs with DevR dormancy regulator- targeted approaches for improving M. Tuberculosis clearance	DBT-R&D	Gupta,R.K., Dr. (M) Gautam Buddha University Yamuna Expressway Greater Noida - 201 308 Uttar Pradesh	23.65	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
320	Combating the chellenge of antibiotic tolerance: Combining conventional anti-tubercular drugs with DevR dormancy regulator-targeted approaches for improving M. Tuberculosis clearance	DBT-R&D	Tyagi,J.S., Prof. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	23.65	36
321	Combination of EGFR targeting aptamers & chemotherapeutic agent in a single stimuli-responsive drug delivery system for improved treatment of triple negative Breast cancer	DBT-R&D	Katti,D.S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	65.46	36
322	Combined genetic & epigentic analysis of oral cancer for prognosis of patients	DBT-R&D	Mohan,K.N., Dr. (F) Birla Institute of Technology & Science (Pilani) Jawahar Nagar Hyderabad - 500 078 Telangana	138.82	36
323	Comparing the vascularization potential of MSCs & MAPCs in monoculture & coculture systems with human OECs under ..	DBT-R&D	Kapoor,P., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	46.26	36
324	Comprehensive analysis & statistical modeling of candidate genes & biomarkers in age related macular degeneration in north-west Indian cohort & their clinical correlation	DBT-R&D	Anand,A., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	35.01	36
325	Computer simulation study on the interaction of a-synuclein with membrane: Effects of lipid composition & oxidative stress	DBT-R&D	Manna,M., Dr. (F) Indian Institute of Science Education & Research (Bhopal) Bhopal Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	37.82	36
326	Connections: A comprehensive biological relationships resource & tools for automated literature mining	DBT-R&D	Mantri,S.S., Mr. (M) National Agri-Food Biotechnology Institute Sector 81, Sahibzada Ajit Singh Nagar Mohali - 140 306 Punjab	22.22	36
327	Correlation of PhyB & Auxin in patterning the root development in Arabidopsis	DBT-R&D	Panigrahi,K.C.S., Dr. (M) National Institute of Science Education & Research P.O. Jatni, Khurda Bhubaneswar - 752 050 Odisha	73.03	36
328	Creating a genomics platform for apple research in India - Phase II	DBT-R&D	Wani,A.A., Dr. (M) Kashmir University Srinagar - 190 006 Jammu & Kashmir	39.64	36
329	Creating a genomics platform for apple research in India - Phase II	DBT-R&D	Aggarwal,R.K., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Habsiguda Hyderabad - 500 007 Telangana	39.64	36
330	Creating a genomics platform for apple research in India - Phase II	DBT-R&D	Bhatt,I.K., Dr. (M) G.B. Pant Institute of Himalayan Environment Development Kosi-Katarmal Almora - 263 643 Uttarakhand	39.64	36
331	Creating a genomics platform for apple research in India - Phase II	DBT-R&D	Dhar,M.K., Prof. (M) Jammu University Jammu - 180 016 Jammu & Kashmir	39.64	36
332	Creating a genomics platform for apple research in India - Phase II	DBT-R&D	Kumar,K., Dr. (M) Dr. Y.S. Parmar University of Horticulture & Forestry Nauni Solan - 173 230 Himachal Pradesh	39.64	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
333	Creating protease knock out in E.coli system using cre lox mechanism for better expression of soluble recombinant proteins	DBT-R&D	Rao,S.N., Dr. (F) Agricultural Sciences University Raichur - 584 104 Karnataka	22.70	36
334	CRISPR/Cas mediated genome editing of genes for high pro-vitamin A accumulation & its stability in banana	DBT-R&D	Tiwari,S., Dr. (M) National Agri-Food Biotechnology Institute Sector 81, Sahibzada Ajit Singh Nagar Mohali - 140 308 Punjab	55.92	48
335	CRISPR-based editing of repressor region & expanded triplet repeats as therapeutic approach in India's most common hereditary ataxias	DBT-R&D	Srivastava,A.K., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	125.35	36
336	Culturable actinomycetes associated with coastal lichens: A potential source of bioactive compounds	DBT-R&D	Rajaram,S.K., Dr. (M) Kamaraj College of Engineering & Technology S.P.G.Chidambara Nadar, Near Virudhunagar Vellakulam - 625 701 Tamil Nadu	44.27	36
337	Culturable actinomycetes associated with coastal lichens: A potential source of bioactive compounds	DBT-R&D	Nooruddin,T., Prof. (M) Bharathidasan University Tiruchirappalli - 620 024 Tamil Nadu	44.27	36
338	Deciphering epigenetic dysregulation in Hematopoietic stem cell transofmration in human Myelogenous Leukemia	DBT-R&D	Sengupta,A., Dr. (M) CSIR-Indian Institute of Chemical Technology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	68.40	36
339	Deciphering Idiopathic Intellectural Disability (DIID) through Next Generation Sequencing (DIID-NGS study)	DBT-R&D	Gupta,N., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	28.94	36
340	Deciphering Idiopathic Intellectural Disability (DIID) through Next Generation Sequencing (DIID-NGS study)	DBT-R&D	Scaria,V., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Pocket 8, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	28.94	36
341	Deciphering Idiopathic Intellectural Disability (DIID) through Next Generation Sequencing (DIID-NGS study)	DBT-R&D	Kabra,M., Prof. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	28.94	36
342	Deciphering organellar genome maintenance in Malaria parasite	DBT-R&D	Habib,S., Dr. (M) CSIR-Central Drug Research Institute Sitapur Road, Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	62.45	36
343	Deciphering the role of calcium homeostasis in modulating T. cell dynamics during Mycobacterium Tuberculosis infection	DBT-R&D	Natarajan,K., Prof. (M) Dr. B.R. Ambedkar Centre for Biomedical Research University Enclave Delhi - 110 007 Delhi	81.27	36
344	Deciphering the role of lysine ne acetyltransferases of salmonella enterica in regulation of gene expression during infection	DBT-R&D	Modak,R., Dr. (M) Kalinga Institute of Industrial Technology University 21, K.G. Marg, Janpath, Connnaught Place New Delhi - 110 001 Delhi	61.66	36
345	Decoding protein deacetylation networks in the synaptic physiology of Epileptic hippocampal neurons	DBT-R&D	Mehta,B., Dr. (M) National Institute of Mental Health & Neuro Sciences Post Box No. 2900, Off. Hosur Road Bengaluru - 560 029 Karnataka	45.03	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
346	Defining miRNA mediated regulation of secondary metabolite accumulation in cymbopogon winterianus	DBT-R&D	Devi,K., Dr. (F) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	35.53	36
347	Delineate the biological significance of miRNAs altered in oral carcinoma	DBT-R&D	Sankarareddiar,K., Prof. (M) Regional Cancer Centre Thiruvananthapuram - 695 001 Kerala	57.51	36
348	Delineating & modulating the function of Ep300 in the molecular pathology of Rubinstein Taybi syndrome	DBT-R&D	Sachidanandan,C., Dr. (F) CSIR-Institute of Genomics & Integrative Biology Pocket 8, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	60.01	36
349	Delineation of the role of human chorionic gonadotropin in tumor progression	DBT-R&D	Pal,R., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	69.24	36
350	Demonstration of a waste to energy project by anaerobic co digestion of food waste & septage	DBT-R&D	Mutnuri,S., Dr. (M) Birla Institute of Technology & Science (Pilani) Near NH 17 B, Sancoale, Zuarinagar Zuarinagar - 403 726 Goa	161.60	24
351	Demonstration of river Sal cleaning by vertical weltands & river bed filration	DBT-R&D	D'Souza,F., Dr. (M) The Energy & Resources Institute Darbari Seth Block, IHC Complex, Lodhi Road New Delhi - 110 003 Delhi	34.43	24
352	Demonstration of river Sal cleaning by vertical weltands & river bed filration	DBT-R&D	Mutnuri,S., Dr. (M) Birla Institute of Technology & Science (Pilani) Near NH 17 B, Bypass Road, Sancoale Zuarinagar - 403 726 Goa	34.43	24
353	Department of Biotechnology - Consortium on Celiac disease	DBT-R&D	Sengupta,S., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Pocket 8, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	59.96	36
354	Department of Biotechnology - Consortium on Celiac disease	DBT-R&D	Makharia,G.K.K., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	59.96	36
355	Department of Biotechnology - Consortium on Celiac disease	DBT-R&D	Kochhar,R., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	59.96	36
356	Department of Biotechnology - Consortium on Celiac disease	DBT-R&D	Dutta,S., Dr. (M) Gauhati Medical College Hospital Bhangagarh Guwahati - 781 032 Assam	59.96	36
357	Department of Biotechnology - Consortium on Celiac disease	DBT-R&D	Ramakrishna,B.S., Dr. (M) S.R.M. Institute of Sciences & Technology Mahatma Gandhi Road, Potheri, District Kancheepuram Kattankulathur - 603 203 Tamil Nadu	59.96	36
358	Department of Biotechnology - Consortium on Celiac disease	DBT-R&D	Falodia,S., Dr. (M) S.P. Medical College Bikaner - 334 001 Rajasthan	59.96	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
359	Design & development of novel anti-tubercular agents targeting Shikimate kinase protein	DBT-R&D	Arifuddin,M., Dr. (M) National Institute of Pharmaceutical Education & Research 40, Dilip Road, Jinkalwada, Balanagar Hyderabad - 500 037 Telangana	23.28	36
360	Design & development of novel anti-tubercular agents targeting Shikimate kinase protein	DBT-R&D	Banerjee,S., Prof. (F) Hyderabad University Professor C.R. Rao Road, Gachibowli Hyderabad - 500 046 Telangana	23.28	36
361	Design & development of silk fibroin coatings for biomedical applications	DBT-R&D	Nisal,A., Dr. (F) CSIR-National Chemical Laboratory Dr.Homi Bhbaha Road, Ward No.8, NCL Colony, Pashan Pune - 411 008 Maharashtra	67.20	36
362	Design & evaluation of novel heterocyclic compounds for human cervical cancer	DBT-R&D	Kini,S.K., Dr. (F) Manipal College of Pharmaceutical Sciences Madhav Nagar Manipal - 576 104 Karnataka	32.81	36
363	Design & fabrication of dual mode paper-analytical-device for point of care diagnostics	DBT-R&D	Kariate,S., Dr. (M) Yenepoya University Mangalore - 575 018 Karnataka	29.61	36
364	Design & synthesis of ionic liquids for separation of biobutanol from fermentation broth to enhance its production	DBT-R&D	Wasewar,K.L., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) South Ambazari Road Nagpur - 440 010 Maharashtra	45.48	36
365	Design & synthesis of mupirocin analogues as new antibacterial agents	DBT-R&D	Shah,B.A., Dr. (M) CSIR-Indian Institute of Integrative Medicine Post Bag No. 3, Canal Road Jammu - 180 001 Jammu & Kashmir	48.61	36
366	Design of a microbial fuel cell integrated microbial electrolytic cell reactor & study of its structural & process parameters for economic bio-hydrogen production by electrohydrogenesis	DBT-R&D	Gupta,P., Dr. (F) National Institute of Technology (Raipur) Great Eastern Road, Amanaka Raipur - 492 010 Chhattisgarh	40.35	36
367	Design of biosensor for detecting of xenobiotic pollutants in river water	DBT-R&D	Anand,R., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	48.70	36
368	Design of radio frequency cavities for detection of specific protein	DBT-R&D	Bhimalapuran,P., Dr. (M) International Institute of Information Technology Gachibowli Hyderabad - 500 032 Telangana	5.77	36
369	Design of radio frequency cavities for detection of specific protein	DBT-R&D	Sau,T.K., Dr. (M) International Institute of Information Technology Gachibowli Hyderabad - 500 032 Telangana	5.77	36
370	Design of radio frequency cavities for detection of specific protein	DBT-R&D	Syed,A., Dr. (M) International Institute of Information Technology Gachibowli Hyderabad - 500 032 Telangana	5.77	36
371	Design, characterization & development of 3D organoid cultures & 3D cell culture systems/3D bio platforms using ..	DBT-R&D	Sarvepalli,D.P., Dr. (F) Narayana Nethralaya Foundation Ist 'R' Block, Rajaji Nagar Bengaluru - 560 010 Karnataka	30.41	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
372	Design, development & characterization of porous Ti/SiO2 composite with tailored microstructure fabricated by powder metallurgy using rice husk & sucrose as space holder for orthopedic application	DBT-R&D	Mohanta,K., Dr. (F) Indian Institute of Technology (BHU) Banaras Hindu Univeristy Campus Varanasi - 221 005 Uttar Pradesh	15.60	18
373	Design, synthesis & biological activity of non-coded amino acids containing peptides as potential activators of hepatic glucokinase	DBT-R&D	Mathur,P., Dr. (F) Amity University Sector 125, Gautam Budha Nagar Noida - 201 303 Uttar Pradesh	54.90	36
374	Designing & characterization of high yield antimicrobial peptide expression partner for the production of epinecidin -1..	DBT-R&D	Kumarasamy,A., Dr. (M) Bharathidasan University Tiruchirappalli - 620 024 Tamil Nadu	43.22	36
375	Designing & construction of genetically encoded FRET-based nanosensors for in vivo monitoring of metal ions in living cells	DBT-R&D	Mohsin,M., Dr. (M) Jamia Millia Islamia Jamia Nagar New Delhi - 110 025 Delhi	46.26	36
376	Designing next generation platforms for recombinant protein production by genome engineering of E. coli	DBT-R&D	Mukherjee,K.J., Prof. (F) Jawaharlal Nehru University Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	81.98	36
377	Detection & structure function characterization of novel atlernatively spliced isoforms of human serpins	DBT-R&D	Jairajpuri,M.A., Prof. (M) Jamia Millia Islamia Maulana Mohammad Ali Jauhar Marg, Jamia Nagar New Delhi - 110 025 Delhi	48.04	36
378	Determine the role of autophagy in germline stem cell maintenance	DBT-R&D	Shravage,B.V., Dr. (M) Agharkar Research Institute Gopal Ganesh Agharkar Road Pune - 411 016 Maharashtra	43.31	36
379	Developing a nanomatrix for delivery of pheromone synergists of house fly, Musca domestica L.	DBT-R&D	Eswaramoorthy,M., Dr. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Rachenahalli Lake Road, Jakkur Bengaluru - 560 064 Karnataka	27.17	36
380	Developing a nanomatrix for delivery of pheromone synergists of house fly, Musca domestica L.	DBT-R&D	Subaharan,K., Dr. (M) ICAR-National Bureau of Agricultural Insects Resources P.B. No. 2491, Post H.A. Farm, Hebbal, Bellary Road Bengaluru - 560 024 Karnataka	27.17	36
381	Developing a platform for generating diagnostic & therapeutic single domain antibodies for viral infections ..	DBT-R&D	Sehrawat,S., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, P.O. S.A.Nagar Mohali - 140 306 Punjab	64.52	36
382	Developing entrepreneurial skills among the rural youth through on-farm bioconversion methodologies on agricultural wastes for producing organic herbs	DBT-R&D	Pandey,R., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Lucknow - 226 015 Uttar Pradesh	46.44	36
383	Development & demonstration of pulp paper mill effluent detoxification technology after secondary treatment by combination of bio-augumentation & constructed wetland treatment process for re-use & prevention of river pollution	DBT-R&D	Chandra,R., Prof. (M) Babasaheb Bhimrao Ambedkar University Raebareli Road Lucknow - 226 025 Uttar Pradesh	72.59	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
384	Development & evaluation of a genetically engineered vaccine against newcastle disease & chicken infectious anaemia infection of chickens	DBT-R&D	Dey,S., Dr. (F) ICAR-Indian Veterinary Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	57.09	36
385	Development of a 3D genome browser	DBT-R&D	Sandhu,K.S., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, P.O. S.A.S. Nagar Mohali - 140 306 Punjab	13.40	36
386	Development of a gene expression platform for heterologous protein production in the filamentous fungus - Asperqillus unguis	DBT-R&D	Sukumaran,R.K., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology P.O. Pappanamcode Thiruvananthapuram - 695 019 Kerala	72.78	36
387	Development of a general computational framework & webserver InPharmNet to identify targets & off-targets	DBT-R&D	Chandra,N., Prof. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	47.44	36
388	Development of a point a care multiplexed diagnostic platform to target anaemia & micronutrient deficiences	DBT-R&D	Kurpad,A.V., Prof. (F) St. John's Research Institute St. John's National Academy of Health Sciences Bengaluru - 560 034 Karnataka	60.64	24
389	Development of anitbacterial catheters for preventing nosocomial infections from therapeutically modulated natural rubber ..	DBT-R&D	Sailaja,G.S., Dr. (F) Cochin University of Science & Technology Public University Road, Kalamasherry Kochi - 682 022 Kerala	47.78	36
390	Development of biocompatible surfaces for ESKAPE pathogens	DBT-R&D	Srivastava,A., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bhopal Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	49.08	36
391	Development of biocompatible surfaces for ESKAPE pathogens	DBT-R&D	Bajaj,A., Prof. (M) Regional Centre for Biotechnology NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	49.08	36
392	Development of biofilm carrier media with amyloid forming dentifying bacteria & its evaluation in bench-scale moving	DBT-R&D	Nerurkar,A.S., Dr. (F) M.S. University of Baroda Fatehganj Vadodara - 390 002 Gujarat	27.10	36
393	Development of biopolymeric functionalized resins/ membranes for the selective removal of nitrate & phosphate	DBT-R&D	Meenakshi,S., Prof. (F) Gandhigram Rural University Gandhigram, Chinnalapatti Dindigul - 624 302 Tamil Nadu	20.31	38
394	Development of biotechnological approach for production of Clarias magur (Hamilton, 1822) spermatozoa for aquaculture	DBT-R&D	Majhi,S.K., Dr. (M) ICAR-National Bureau of Fish Genetic Resources Pusa Campus New Delhi - 110 012 Delhi	45.04	36
395	Development of butanol tolerant strains for high solvent production	DBT-R&D	Dalal,J., Dr. (F) The Energy & Resources Institute Darbari Seth Block, IHC Complex, Lodhi Road New Delhi - 110 003 Delhi	45.05	36
396	Development of cell based Systematic Evolution of Ligands by Exponential enrichment (cell-SELEX) for Retinoblastoma	DBT-R&D	Subramanian,K., Dr. (M) Vision Research Foundation Chennai - 600 006 Tamil Nadu	54.90	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
397	Development of CMS/ Rf system in Bhut Jolokia using marker assisted selection	DBT-R&D	Tripathi,S.B., Dr. (M) TERI University TERI School of Advance Studies, Plot No. 10, Vasant Kunj Institutional Area New Delhi - 110 070 Delhi	67.57	36
398	Development of computational software integrating multilevel images data analysis: Towards efficient clinical practices & advanced biomolecular research in Ophthalmology	DBT-R&D	Chhablani,J., Dr. (M) L.V. Prasad Eye Institute Hyderabad Eye Research Foundation, L.V. Prasad Marg, Banjara Hills Hyderabad - 500 034 Telangana	23.93	36
399	Development of computational software integrating multilevel images data analysis: Towards efficient clinical practices & advanced biomolecular research in Ophthalmology	DBT-R&D	Jana,S., Dr. (F) Indian Institute of Technology (Hyderabad) Near NH 65, Kandi Sangareddy - 502 285 Telangana	23.93	36
400	Development of diagnostic kits for simultaneous detection of viruses infecting patchouli & rose plants	DBT-R&D	Khan,J.A., Prof. (M) Jamia Millia Islamia Maulana Mohammad Ali Jauhar Marg, Jamia Nagar New Delhi - 110 025 Delhi	64.33	36
401	Development of diagnostics & therapeutics for management of Tuberculosis	DBT-R&D	Kulkarni,S., Dr. (F) Bhabha Atomic Research Centre Mumbai - 400 085 Maharashtra	22.36	36
402	Development of diagnostics & therapeutics for management of Tuberculosis	DBT-R&D	Gupta,U.D., Dr. (M) ICMR-National Jalma Institute for Leprosy & other Mycobacterial Diseases Dr. M. Miyazaki Marg, Forest Colony, Tajganj Agra - 282 001 Uttar Pradesh	22.36	36
403	Development of diagnostics & therapeutics for management of Tuberculosis	DBT-R&D	Desai,U.D., Dr. (F) Topiwala National Medical College & B.Y.L. Nair Charitable Hospital Dr. A.L. Nair Road Mumbai - 400 008 Maharashtra	22.36	36
404	Development of diagnostics & therapeutics for management of Tuberculosis	DBT-R&D	Naik,N.R., Dr. (F) Haffkine Institute for Training, Research & Testing 4-0/W, Acharya Dhonde Marg, Parel Mumbai - 400 012 Maharashtra	22.36	36
405	Development of DNA barcode & multiplex PCR based diagnostics for detection of nationally important seed borne	DBT-R&D	Dubey,S.C., Dr. (M) ICAR-National Bureau of Plant Genetic Resources Pusa Campus New Delhi - 110 012 Delhi	62.49	36
406	Development of efficient & low cost biotechnology for colour removal of biomethanated spentwash from distillery	DBT-R&D	Shouche,Y.S., Dr. (M) National Centre for Cell Sciences Ganeshkhind Pune - 411 007 Maharashtra	36.49	36
407	Development of eIF4E responsive exosome cargo for inducing apoptosis: A prospective therapy for non-small cell lung cancer	DBT-R&D	Agarwal,M.A., Dr. (F) B.V. Patel Pharmaceutical Education & Research Development Centre Sarkhej-Gandhinagar Highway, Thaltej Ahmedabad - 380 054 Gujarat	42.58	36
408	Development of electrochemical immuno sensor based detection method for White Spot Syndrome Virus (WSSV) of penaeid shrimp	DBT-R&D	Sudhakaran,R., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	30.70	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
409	Development of farming technique with endocrine manipulation to obtain continuous breeders of Indian salmon, eleutheronema tetradactylum in pulicat coast	DBT-R&D	Inbaraj,R.M., Dr. (M) Madras Christian College Tambaram Chennai - 600 059 Tamil Nadu	37.48	36
410	Development of genomic resources in A. Testudineus breed improvement & undestanding molecular mechanism involved in hypoxia	DBT-R&D	Das,S.P., Dr. (F) ICAR-Central Institue of Freshwater Aquaculture Kausalyaganga Bhubaneswar - 751 002 Odisha	40.08	36
411	Development of graphene (oxide) based diagnostic kits for luteinizing, follicle stimulating & anti-mullerian hormones	DBT-R&D	Suvekbala,V., Dr. (F) H.L.L. Life Care Limited Sreekariyam-17, Akkulam Thiruvananthapuram - 695 017 Kerala	46.69	36
412	Development of haploid inducer line & enhancement of seed meal quality in Brassica juncea through CRISPR/Cas mediated	DBT-R&D	Bhattacharya,R., Dr. (M) ICAR-National Research Centre on Plant Biotechnology LBS Centre, Pusa Campus New Delhi - 110 012 Delhi	55.87	36
413	Development of high oleic hybrid through marker assisted backcross approach in Sunflower (Helianthus annuus (L.)	DBT-R&D	Premnath,A., Dr. (F) Tamil Nadu Agricultural University Lawley Road Coimbatore - 641 003 Tamil Nadu	26.10	36
414	Development of indigenous yeast expression platform for the production of high value triterpene-squalene	DBT-R&D	Rao,D.K.V., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Lucknow - 226 015 Uttar Pradesh	50.00	36
415	Development of low aliphatic glucosinolate Brassica juncea using targeted editing of pathways gene(s) by CRISPR-Cas9	DBT-R&D	Yadav,M., Dr. (F) Guru Jambeshwar University of Science & Technology Hisar - 125 001 Haryana	37.35	36
416	Development of low-cost therapy for biological toxins for rural India	DBT-R&D	Rathore,A.S., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	71.09	24
417	Development of macrophage therapy for resolving fibrosis & restoring native liver regeneration in chronic liver failure	DBT-R&D	Kumar,A., Dr. (M) Institute of Liver & Biliary Sciences D1, Vasant Kunj New Delhi - 110 067 Delhi	56.35	36
418	Development of molecular diagnostic method for early detection of Chikungunya using fluorescent virus-like nanoparticles	DBT-R&D	Tomar,S., Dr. (F) Indian Institute of Technology (Roorkee) Haridwar Highway Roorkee - 247 667 Uttarakhand	20.82	36
419	Development of nano-immobilized enzyme system for high value omega-3 production	DBT-R&D	Acharya,D., Dr. (M) The Energy & Resources Institute Darbari Seth Block, IHC Complex, Lodhi Road New Delhi - 110 003 Delhi	81.42	36
420	Development of nanoparticle based aptasensors for detection of bacterial pathogens & xenobiotics in food	DBT-R&D	Navani,N.K., Dr. (M) Indian Institute of Technology (Roorkee) Haridwar Highway Roorkee - 247 667 Uttarakhand	63.82	36
421	Development of novel & efficient monoclonal antibodies against wide range of bacterial exotoxins	DBT-R&D	Aggarwal,S., Dr. (F) Jawaharlal Nehru University Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	39.36	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
422	Development of novel fluorescent platforms for the detection of heavy metals in water	DBT-R&D	Deep,A., Dr. (M) CSIR-Central Scientific Instruments Organization Sector 30 C Chandigarh - 160 030 Chandigarh	33.35	36
423	Development of novel fluorescent platforms for the detection of heavy metals in water	DBT-R&D	Kumar,S., Dr. (M) Guru Jambeshwar University of Science & Technology Hisar - 125 001 Haryana	33.35	36
424	Development of novel lipid & polymer based nano formulations for targeted delivery of antimalarial drugs	DBT-R&D	Dhar,S.K., Prof. (M) Jawaharlal Nehru University Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	51.97	36
425	Development of novel lipid & polymer based nano formulations for targeted delivery of antimalarial drugs	DBT-R&D	Singh,A.P., Dr. (M) National Institute of Immunology New Mehrauli Road New Delhi - 110 067 Delhi	51.97	36
426	Development of PD-1/PDL-1 checkpoint inhibitor(s) for Adjuvant therapy	DBT-R&D	Mohan,C.G., Dr. (M) Amrita Vishwa Vidyapeetham Amritapuri, P.O. Clappana Kollam - 690 525 Kerala	47.13	36
427	Development of plumbagin ointment as topical anti-microbial agent for the treatment of S. aureus skin & wound infections	DBT-R&D	Biswas,R., Dr. (M) Amrita Institute of Medical Sciences & Research Centre Peeliyadu Road, Ponekkar, Edappally Kochi - 682 014 Kerala	40.51	36
428	Development of portable system with data analysis & relational data warehouse packages for high throughput structural & functional genomics data	DBT-R&D	Tripathy,S., Dr. (F) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	83.73	36
429	Development of riboregulator - based platform for control of gene expression & metabolic fluxes in bacterial cell factories	DBT-R&D	Jayaraman,G., Prof. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	91.35	36
430	Development of RNA-guided Recombinase (RGR) platform for targeted DNA integration	DBT-R&D	Sonwane,A.A., Dr. (M) ICAR-Indian Veterinary Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	76.60	36
431	Development of salts/cocrystals of natural product derived anticancer leads with favorable biopharmaceutical properties	DBT-R&D	Bharate,S.S., Dr. (F) CSIR-Indian Institute of Integrative Medicine Post Bag No. 3, Canal Road Jammu - 180 001 Jammu & Kashmir	34.51	36
432	Development of smart packaging nano-sensor for monitoring quality & safety of meat	DBT-R&D	Kandeepan,G., Dr. (M) ICAR-National Research Centre on Meat Chengicherla, P.B. No. 19, Post Boduppal Hyderabad - 500 092 Telangana	42.37	36
433	Development of soft printing system for DNA microarray chip fabrication using EWOD	DBT-R&D	Ananthasubramanian,M., Dr. (M) P.S.G. College of Technology Avinashi Road, Peelamedu Coimbatore - 641 004 Tamil Nadu	26.11	36
434	Development of soft printing system for DNA microarray chip fabrication using EWOD	DBT-R&D	Sharma,N.N., Dr. (F) Manipal University Udupi - 576 104 Karnataka	26.11	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
435	Development of some analytical tools for analysis of large-scale protein-protein interaction networks	DBT-R&D	Basu,S., Dr. (M) Jadavpur University Kolkata - 700 032 West Bengal	48.22	36
436	Development of stationary phase promoter - based gene expression system for actinomycetes	DBT-R&D	Srivastava,P., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	59.18	36
437	Development of tailor made nanozeolite carrier for slow release and targeted delivery of nitrogen for sustainable crop production	DBT-R&D	Singh,B.R., Dr. (M) The Energy & Resources Institute Darbari Seth Block, IHC Complex, Lodhi Road New Delhi - 110 003 Delhi	45.45	36
438	Development of Tospovirus resistant transgenic tomato plants expressing an anti-viral protein gene from Bougainvillea spectabills	DBT-R&D	Balasubramanian,R., Dr. (M) Tamil Nadu Agricultural University Lawley Road, P.N. Pudur Coimbatore - 641 003 Tamil Nadu	48.30	36
439	Development of two stage treatment for municipal solid waste landfill leachate: An oxidation & phycoremediation approach	DBT-R&D	Subramaniam,S., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	19.53	24
440	Development of xylose inducible & glucose repressible N- terminal histidine tagged shuttle vectors for cytoplasmic ..	DBT-R&D	Biswas,L., Dr. (F) Amrita Centre for Nanosciences & Molecular Medicine Amrita Vishwa Vidyapeetham, P.O. Ponnekkar Kochi - 682 041 Kerala	37.38	36
441	Development PLGA nanoparticles loaded with donepezil & memantine for brain drug delivery through nasal route in Alzheimer's disease	DBT-R&D	Kaur,A., Ms. (F) Jaypee Institute of Information Technology A-10, Sector 62 Noida - 201 301 Uttar Pradesh	26.10	36
442	Diagnostic potential of in vivo expressed Mycobacterial antigens for molecular & immunological diagnosis of Pleural TB	DBT-R&D	Verma,I., Prof. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	46.05	36
443	Differentiation of fetal neural stem cells to oligodendrocytes - a disease model to decipher the pathogenesis & devise therapeutic strategies for Cerebral Palsy	DBT-R&D	Sen,S., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	22.91	24
444	Differentiation of fetal neural stem cells to oligodendrocytes - a disease model to decipher the pathogenesis & devise therapeutic strategies for Cerebral Palsy	DBT-R&D	Seth,P., Prof. (M) National Brain Research Centre NH-B, Manesar Gurgaon - 122 051 Haryana	22.91	24
445	Discerning the role of mitochondrial manganese superoxide dismutase in lineage specification	DBT-R&D	Kumar,A., Dr. (M) Manipal Institute of Regenerative Medicine Bengaluru - 560 064 Karnataka	32.87	36
446	Discovering molecular mechanisms that drive resistant cells to escape Therapy induced Cellular Senescence (TCS) in Glioblastoma	DBT-R&D	Dutt,S., Prof. (F) Advanced Centre for Treatment Research & Education in Cancer Sector 22, Utsav Chowk -CISF Road, Kharghar Navi Mumbai - 410 210 Maharashtra	59.83	36
447	Discovery of target based novel bioactive natural products from high altitude plant Hippophae rhamnoides L. (Seabuckthorn) & Grewia asiatica (Phalsa) for achieving pharmacological & ultravoilet radiation induced skin damage (Photo-aging/carcinogenesis)	DBT-R&D	Abdullah,T.S., Dr. (M) CSIR-Indian Institute of Integrative Medicine Post Bag No. 3, Canal Road Jammu - 180 001 Jammu & Kashmir	48.59	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
448	Dissecting the individual roles of Clta & Cltb in early mammalian development through selective CRISPR-Cas9 - based knockout	DBT-R&D	Subramanyam,D., Dr. (F) National Centre for Cell Sciences Ganeshkhind Pune - 411 007 Maharashtra	80.10	36
449	Dissecting the molecular interface between the biotrophic pathogn Sporisorium scitamineum & its host - sugarcane	DBT-R&D	Amalraj,R., Dr. (M) ICAR-Sugarcane Breeding Institute Veeraleralam Coimbatore - 641 007 Tamil Nadu	48.90	36
450	Dissemination & demonstration of pheromone/dispenser technology for the area wide management of coding moth in Ladakh	DBT-R&D	Hussain,B., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Srinagar - 190 019 Jammu & Kashmir	25.00	36
451	DNA methylation, inflammatory mediators & placental histology in relation to outcome in intrauterine growth restricted ..	DBT-R&D	Bhat,V., Dr. (M) Jawaharlal Institute of P.G. Medical Education & Research Gorimedu. Dhanvantari Nagar Puducherry - 605 006 Puducherry	24.69	36
452	Drosophila sensory organse: A model to access molecular mechanism of metallic nanoparticles	DBT-R&D	Mishra,M., Dr. (F) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	49.22	36
453	Drug repurposing hyper-layer: Scalable multi-paradigm omics-enabled drug repositioning workbench	DBT-R&D	Grover,A., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	28.39	36
454	Drug repurposing hyper-layer: Scalable multi-paradigm omics-enabled drug repositioning workbench	DBT-R&D	Athri,P., Dr. (M) Amrita Vishwa Vidyapeetham Amritapuri, P.O. Clappane Kollam - 690 525 Kerala	28.39	36
455	Dual HDAC/RR inhibitor: Design, synthesis & evaluation of bipyridine hydroxamic acids as anticancer agents	DBT-R&D	Sundara,B.K., Dr. (F) Manipal University School of Life Sciences Udupi - 576 104 Karnataka	35.46	36
456	Dynamic self-assembled nucleic acid analogues	DBT-R&D	Prakash,P.N., Dr. (M) Institute of Nano Science & Technology Habitat Centre, Phase 10, Sector 64 Mohali - 160 062 Punjab	67.33	36
457	Dysfunctional HDL: A diagnostic target for atherosclerosis risk in Type 2 Diabetes Mellitus	DBT-R&D	Swetha,N.K., Dr. (F) Jagadguru Sri Shivarathreeshwara University Sri Shivarathreeshwara Nagar Mysore - 570 015 Karnataka	36.52	36
458	Ecological & molecular toxicity studies of neonicotinoid pesticides to select non targeted indigenous earthworm species	DBT-R&D	Palaniyappan,J., Dr. (F) Periyar University Salem - 636 011 Tamil Nadu	32.25	36
459	Editing plant genome(s) with CRISPR/Cas9 to improve traits of agricultural value: Herbicide target site editing to develop herbicide resistant plants for effective weed management	DBT-R&D	Reddy,M.K., Dr. (M) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	71.75	36
460	Effect of different arbuscular mycorrhizal fungal isolates on heavy metal uptake, growth & productivity in Cajanus cajan (L.) Millsp genotypes grown under Cadmium (Cd) stress	DBT-R&D	Garg,N., Dr. (F) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	46.61	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
461	Effect of early stunting on body cell mass & fat mass in term Appropriate for Gestational Age (AGA) infants	DBT-R&D	Raj,R.K., Dr. (F) St. John's Research Institute St. John's National Academy of Health Sciences Bengaluru - 560 034 Karnataka	69.57	36
462	Effectiveness of a robust, wearable, wireless, continuous monitoring (NEar Sense or NES) for core temperature & heart rate in newborns	DBT-R&D	Patel,A., Dr. (F) Lata Medical Research Foundation Neeri Road, NH 7, Vasant Nagar Nagpur - 440 020 Maharashtra	15.94	24
463	Elucidating factors affecting thermal stability of protein: Computational studies on selected proteases of industiral significance	DBT-R&D	Sharma,R., Dr. (F) CSIR-Indian Institute of Chemical Technology Tarnaka Hyderabad - 500 007 Telangana	54.06	36
464	Elucidating health-span regulatory modules by genome-wide combinatorial effect of transcription factors downstream of insulin signaling	DBT-R&D	Kumar,N., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	49.76	36
465	Elucidating the potential of anaerobic rumen fungi for enhancing biomethanation in anaerobic digesters fed on ..	DBT-R&D	Dagar,S.S., Dr. (M) Agharkar Research Institute Gopal Ganesh Agharkar Road Pune - 411 016 Maharashtra	55.14	36
466	Elucidation of molecular mechanism of dopamine action on final oocyte maturation of goldspot mullet (Lliza parsia, Hamilton 1822)	DBT-R&D	Kumar,P., Dr. (M) ICAR-Central Institute of Brackishwater Aquaculture MRC Nagar, Raja Annamalai Puram Chennai - 600 028 Tamil Nadu	54.50	36
467	Elucidation of prominent cytogenetic markers in children with unexplained mental retardation & developmental delay in Kashmir (North India)	DBT-R&D	Zargar,M.H., Dr. (M) Sher-I-Kashmir Institute of Medical Sciences Sourea Srinagar - 190 011 Jammu & Kashmir	54.10	36
468	Empowerment of the rural women through capacity building in improved biotechnological ..	DBT-R&D	Borthakur,B., Dr. (M) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	49.97	36
469	Endothelial dysfunction in children with chronic kidney disease: Assessed by biomarkers of nitric oxide pathway & flow mediated dilatation	DBT-R&D	Mishra,K., Dr. (F) Chacha Nehru Bal Chikitsalaya Geeta Colony New Delhi - 110 031 Delhi	43.64	36
470	Endothelial dysfunction in children with chronic kidney disease: Assessed by biomarkers of nitric oxide pathway & flow mediated dilatation	DBT-R&D	Patnaik,S.K., Dr. (M) Army Research & Referral Hospital Near Subroto Park, Dhaula Kuan New Delhi - 110 011 Delhi	43.64	36
471	Engineered membrane vesicles of non-pathogenic bacteria for trageted delivery of first- line drugs against Mycobacterum Tuberculosis	DBT-R&D	Pillai,J.D., Dr. (M) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	89.30	48
472	Engineering improved siRNA based combinatorial nanotherapeutics for managing metastasis and adaptive resistance in Breast cancer treatment	DBT-R&D	Roy,R.S., Dr. (F) Indian Institute of Science Education & Research (Kolkata) 35/1, 2nd Avenue, DC Block, Sector 1 Kolkata - 700 065 West Bengal	91.60	36
473	Engineering of cellulase enzymes of Aspergillus fumigatus NITDGPKA3 enhancing their activity	DBT-R&D	Mukhopadhyay,S.S., Dr. (M) National Institute of Technology (Durgapur) Mahatma Gandhi Road, A Zone Durgapur - 713 209 West Bengal	37.63	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
474	Engineering of CRISPR/Cas9-mediated Potato Virus Y (PVY) resistance in Bhut jolokia (Capsicum chinense)	DBT-R&D	Kalita,R., Dr. (F) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	52.95	36
475	Engineering of in situ bioadhesive phosphorylated hydrogels for effective hemostasis	DBT-R&D	Rangasamy,J., Prof. (M) Amrita Institute of Medical Sciences & Research Centre Peeliyadu Road, Ponekkara, Edappally Kochi - 682 041 Kerala	21.80	18
476	Engineering pichia pastoris to address catabolite repression & methanol usage for AOX1-guided expression: Strain development	DBT-R&D	Gupta,R., Prof. (F) Delhi University Benito Juaraez Marg New Delhi - 110 021 Delhi	50.56	36
477	Enhanced methane recovery from cattle manure through microbial community dissection & bio-stimulation approach	DBT-R&D	Subudhi,S., Dr. (F) The Energy & Resources Institute Darbari Seth Block, IHC Complex, Lodhi Road New Delhi - 110 003 Delhi	53.01	36
478	Enhancement of immunity & nutritional value of fresh water fish Heteropneustes fossilis (Bloch, 1794) by novel arylvinylpyrimidine derivatives	DBT-R&D	Mishra,A., Dr. (F) Babasaheb Bhimrao Ambedkar University Raebareli Road Lucknow - 226 025 Uttar Pradesh	55.20	36
479	Enhancing pig productivity by optimizing biomolecular expression through nutritional intervention in the existing system of pig farming	DBT-R&D	Borah,S., Dr. (M) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	44.57	36
480	Enhancing the shelf life of fresh fruit by application of edible coating containing nano-encapsulated bioactive	DBT-R&D	Wani,S.M., Mr. (M) Kashmir University Srinagar - 190 006 Jammu & Kashmir	26.50	36
481	Epigenetic regulation by phase - variable Type IIs R-M system of helicobacter pylori	DBT-R&D	Narasimha,D., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	56.75	36
482	Epigenetic regulation of multidrug resistance genes in embryonic carcinoma stem cells: Implications in targeting cancer stem cells in germ cell tumors	DBT-R&D	Das,A.V., Dr. (M) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	25.75	18
483	Epithelial-mesenchymal transition & protein translation in Hepatocellular Carcinoma	DBT-R&D	Harshan,K.H., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Habsiguda Hyderabad - 500 007 Telangana	65.60	36
484	Establishment of a biorepository of epilepsy & investigating the relation of multidrug transporter polymorphism with fetal malformations based on the repository	DBT-R&D	Thomas,S.V., Prof. (M) Sree Chitra Tirunal Institute for Medical Sciences & Technology Jai Nagar W. Road, Chalakkuzhi Thiruvananthapuram - 695 011 Kerala	48.24	36
485	Establishment of biotech kisan hub at Acharya N.G. Ranga Agricultural University	DBT-R&D	Reddy,K.R., Dr. (M) Acharya N.G. Ranga Agricultural University Rajendranagar Mandal (K.V. Rangareddy) Hyderabad - 500 030 Telangana	38.10	24
486	Establishment of biotech kisan hub at Acharya N.G. Ranga Agricultural University	DBT-R&D	Srinivas,T., Dr. (F) Acharya N.G. Ranga Agricultural University Rajendranagar Mandal (K.V. Rangareddy) Hyderabad - 500 030 Telangana	38.10	24

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
487	Establishment of biotech kisan hub at Acharya N.G. Ranga Agricultural University	DBT-R&D	Babu,T.R., Dr. (M) Acharya N.G. Ranga Agricultural University Rajendranagar Mandal (K.V. Rangareddy) Hyderabad - 500 030 Telangana	38.10	24
488	Establishment of biotech-kisan hub at Assam Agricultural University, Jorhat	DBT-R&D	Saikia,S., Dr. (M) Assam Agricultural University Barbheta Jorhat - 785 013 Assam	149.93	24
489	Establishment of biotech-kisan hub at Himayan Environmental Studies & Conservation Organization (HESCO), Dehradun	DBT-R&D	Joshi,A.P., Prof. (M) Himalayan Environmental Studies & Conservation Organisation Shuklapur, P.O. Ambiwala, Via Pre Nagar Dehradun - 248 001 Uttarakhand	140.47	35
490	Establishment of biotech-kisan hub at West Bengal University of Animal & Fisheries Sciences, Kolkata	DBT-R&D	Dhara,K.C., Dr. (M) West Bengal University of Animal & Fishery Sciences 37 & 68 Khudiram Bose Sarani, Block C, MIG Housing, Tala Kolkata - 700 037 West Bengal	68.52	36
491	Establishment of biotech-kisan hub at West Bengal University of Animal & Fisheries Sciences, Kolkata	DBT-R&D	Goswami,A., Prof. (M) West Bengal University of Animal & Fishery Sciences 37 & 68 Khudiram Bose Sarani, Block C, MIG Housing, Tala Kolkata - 700 037 West Bengal	68.52	36
492	Establsihment of biotech-kisan hub at C.S.A.U.A. & T., Kanpur	DBT-R&D	Singh,A.K., Dr. (M) Virendra Kumar Singh Krishi Vigyan Kendra Virendra Nagar, Dhaura Unnao - 229 881 Uttar Pradesh	41.95	24
493	Establsihment of biotech-kisan hub at C.S.A.U.A. & T., Kanpur	DBT-R&D	Vishwakarma,S.K., Dr. (M) Chandra Shekhar Azad University of Agriculture & Technology Agriculture College Lane, Nawab Ganj Kanpur - 208 002 Uttar Pradesh	41.95	24
494	Establsihment of biotech-kisan hub at C.S.A.U.A. & T., Kanpur	DBT-R&D	Singh,D., Dr. (M) Chandra Shekhar Azad University of Agriculture & Technology Agriculture College Lane, Nawab Ganj Kanpur - 208 002 Uttar Pradesh	41.95	24
495	Establsihment of biotech-kisan hub at C.S.A.U.A. & T., Kanpur	DBT-R&D	Kumar,A., Dr. (M) Chandra Shekhar Azad University of Agriculture & Technology Agriculture College Lane, Nawab Ganj Kanpur - 208 002 Uttar Pradesh	41.95	24
496	Establsihment of biotech-kisan hub at C.S.A.U.A. & T., Kanpur	DBT-R&D	Singh,A., Dr. (M) Virendra Kumar Singh Krishi Vigyan Kendra Virendra Naga, Dhaura Unnao - 229 881 Uttar Pradesh	41.95	24
497	Evaluating WISP3 (Wnt induced secreted protein 3) & promoting societal benefit in the context of PPRD (Progressive Pseudo ..)	DBT-R&D	Sen,M., Dr. (F) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	44.42	36
498	Evaluation of a rapid point-of-care serodiagnostic test kit for the early diagnosis & prediction of drug resistant TB	DBT-R&D	Singh,S., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	36.74	12

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
499	Evaluation of ATF1 gene of brewing yeasts of western Himalayas for aroma & flavor of alcoholic beverages	DBT-R&D	Bhushan,K., Dr. (F) Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Kangara Palampur - 176 062 Himachal Pradesh	25.18	36
500	Evaluation of bacteriophage therapy in freshwater aquaculture system from Varanasi region	DBT-R&D	Nath,G.G., Prof. (M) Banaras Hindu University Institute of Medical Sciences Varanasi - 221 005 Uttar Pradesh	44.08	36
501	Evaluation of different rapid molecular methods for the diagnosis of mycobacterial infections (M. tuberculosis & NTM) & to study the various mechanisms of drug resistance due to Mycobacterium Tuberculcosis in patients of suspected Tuberculous	DBT-R&D	Sharma,K., Dr. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	55.73	36
502	Evaluation of loop mediated isothermal amplification assay (LAMP) for rapid detection of Mycobacterium Tuberculosis from clinical samples	DBT-R&D	Choudhury,B., Dr. (M) Gauhati Medical College Hospital Bhangagarh Guwahati - 781 032 Assam	14.23	12
503	Evaluation of loop mediated isothermal amplification assay (LAMP) for rapid detection of Mycobacterium Tuberculosis from clinical samples	DBT-R&D	Dusthackeer,V.N.A., Dr. (M) ICMR-National Institute for Research in Tuberculosis No. 1, Mayor Sathiyamoorthy Road, Chetpet Chennai - 600 031 Tamil Nadu	14.23	36
504	Evaluation of loop mediated isothermal amplification assay (LAMP) for rapid detection of Mycobacterium Tuberculosis from clinical samples	DBT-R&D	Singh,S., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	14.23	12
505	Evaluation of mitochondrial structure & function as potiential stratergy for ealy diagonsis & intervention of Intrauterine Growth Restricted (IUGR) pregancy	DBT-R&D	Satyamoorthy,K., Dr. (M) Manipal University Manipal Life Science Centre Udupi - 576 104 Karnataka	21.40	24
506	Evaluation of renogenic properties of amniotic fluid stem cells & their therapeutic efficacy in acute reneal failure	DBT-R&D	Nityanand,S., Dr. (F) Sanjay Gandhi P.G. Institute of Medical Sciences Lucknow - 226 014 Uttar Pradesh	39.13	24
507	Evaluation of the role of entero viruses in oral vaccine non-response in Indian children & clinical disease using molecular methods	DBT-R&D	Praharaj,I., Dr. (F) Christian Medical College Vellore - 632 002 Tamil Nadu	35.33	36
508	Exome sequencing to identify genetic cause for patients with X-linked intellectual disability	DBT-R&D	Muthusamy,B., Dr. (F) Institute of Bioinformatics Bengaluru - 560 066 Karnataka	40.45	36
509	Expansion of School of Internernational Biodesign (SIB) programme for medical devices & implants as Phase -IV	DBT-R&D	Singh,H., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	346.72	36
510	Expansion of School of Internernational Biodesign (SIB) programme for medical devices & implants as Phase -IV	DBT-R&D	Sharma,P., Dr. (F) Biotech Consortium India Limited Anurat Bhawan, 210 Deen Dayal Upadhay Marg New Delhi - 110 002 Delhi	346.72	36
511	Expansion of School of Internernational Biodesign (SIB) programme for medical devices & implants as Phase -IV	DBT-R&D	Bhargava,B., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 100 029 Delhi	346.72	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
512	Exploitation of paired nickases to enhance targeted knock-in: A modification of CRISPR Cas system	DBT-R&D	Roy,S., Prof. (M) National Institute of Pharmaceutical Education & Research Chunilal Bhawan, 168, Manktala Main Road Kolkata - 700 054 West Bengal	49.17	36
513	Exploiting the potential usage of ferritin cage as nanosink, nanoreactor & nanocarrier for biomedical applications	DBT-R&D	Behera,R.K., Prof. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 760 008 Odisha	45.64	36
514	Exploration of biological potential of phlorotannins: A lead compound from marine brown Algae for non communicable diseases	DBT-R&D	Varalakshmi,P., Dr. (M) Madurai Kamaraj University Palkalai Nagar Madurai - 625 021 Tamil Nadu	47.19	36
515	Exploration of RBP-RNA interactions to reveal the post-transcriptional regulatory impact & development of related tools & resource server	DBT-R&D	Shankar,R., Dr. (M) CSIR-Institute of Himalayan Bioresource Technology Post Box No 6 Palampur - 176 061 Himachal Pradesh	66.16	36
516	Exploration of the diagnostic/therapeutic potential of non-coding RNAs-Phosphatase-HER2-UPAR cross talk in Breast cancer	DBT-R&D	Suresh,P.S., Dr. (M) Mangalore University Mangalagangotri, Konaje Mangalore - 574 199 Karnataka	56.43	36
517	Exploratory study to identify gut bacterial peptides(s), if any, associated with autoimmune late onset Diabete	DBT-R&D	Negi,S., Dr. (F) ICMR-National Institute of Pathology Safdarjung Campus, Ansari Naar New Delhi - 110 029 Delhi	39.34	24
518	Exploring an oncogenic function of p53 mutations identified in Indian squamous cell carcinoma patients	DBT-R&D	Bashyam,M.D., Dr. (M) Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 001 Telangana	67.02	36
519	Exploring genetic diversity across MHC class II locus & its association with differential immune response in indicus, cross breed & exotic cattle	DBT-R&D	Kumari,N., Dr. (F) ICAR-National Bureau of Animal Genetic Resources Makrampur, G.T. Road By Pass Karnal - 132 001 Haryana	37.78	36
520	Exploring non-pathogenic protozoa as a eukaryotic platform for protein expression	DBT-R&D	Karpe,Y.A., Dr. (M) Agharkar Research Institute Gopal Ganesh Agharkar Road Pune - 411 016 Maharashtra	54.20	36
521	Exploring novel BCL2 - specific inhibitors against Leukemia & Lymphoma	DBT-R&D	Damodar,S., Dr. (M) Mazumdar Shaw Medical Foundation Bommasandra Industrial Area, Anekal Taluk Bengaluru - 560 099 Karnataka	100.83	36
522	Exploring novel BCL2 - specific inhibitors against Leukemia & Lymphoma	DBT-R&D	Choudhary,B., Dr. (F) Institute of Bioinformatics & Applied Biotechnology Biotech Park, IBAB, G-05, Tech Park MallBiotech Park Electronic City Phase I, Whitefield Road, ITPL Bengaluru - 560 100 Karnataka	100.83	36
523	Exploring novel BCL2 - specific inhibitors against Leukemia & Lymphoma	DBT-R&D	Raghavan,S.C., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	100.83	36
524	Exploring novel BCL2 - specific inhibitors against Leukemia & Lymphoma	DBT-R&D	Kempegowda,M., Dr. (M) Mysore University Mysore - 570 005 Karnataka	100.83	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
525	Exploring tetraploid mutant resources in rice (Oryza sativa L.) for expression of apomeiosis	DBT-R&D	Ragini,S., Dr. (F) Tamil Nadu Agricultural University Lawley Road Coimbatore - 641 003 Tamil Nadu	35.53	36
526	Exploring the contribution of mannosylated proteins of Mycobacterium Tuberculosis (MTB) to subverting macrophage	DBT-R&D	Saichidanandam,V., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	38.80	36
527	Exploring the role of Nucleotide binding Oligomerization Domain proteins (NODs) - mediated inflammation in diet induced	DBT-R&D	Tamrakar,A.K., Dr. (M) CSIR-Central Drug Research Institute Sitapur Road, Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	31.98	36
528	Expression analysis of inflammasome-forming NLRs in gliomas for identification of novel therapeutic interventions	DBT-R&D	Jha,S., Dr. (F) Indian Institute of Technology (Jodhpur) MBM Engineering College, Old Residency Road, Ratanada, NH 65 Jodhpur - 342 011 Rajasthan	33.61	36
529	Expression analysis of inflammasome-forming NLRs in gliomas for identification of novel therapeutic interventions	DBT-R&D	Gupta,T., Dr. (M) Advanced Centre for Treatment Research & Education in Cancer Sector 22, Utsav Chowk-CISF Road, Kharghar Navi Mumbai - 410 210 Maharashtra	33.61	36
530	Expression of Notch Independent Hes-1 (NIHes-1) specifically in ES cell derived organoids representing developing neocortex: Understanding its functional significance	DBT-R&D	James,J., Dr. (M) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	39.20	24
531	FBX04 as a novel ubiquitin ligase that targets cycin D in pathogensis of breast cancer	DBT-R&D	Dhar,R., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	59.96	36
532	Field demonstration of cultivation & development of processed technologies of aromatic plants Patchouli, Citronella & Sugandh Mantri in Assam	DBT-R&D	Ahmed,M., Dr. (M) Institute of Horticulture Technology D-1, Krishna Apra Building, Alpha 1 Commercial Belt Greater Noida - 201 309 Uttar Pradesh	76.44	36
533	Field demonstration of cultivation & development of processed technologies of aromatic plants Patchouli, Citronella & Sugandh Mantri in Assam	DBT-R&D	Barve,S.S., Dr. (M) KET's V.G. Vaze College of Arts, Science & Commerce Mulund East Mumbai - 400 081 Maharashtra	76.44	36
534	Field scale evaluation of bioreactor developed with indigenous microbial inocula for treatment of textile industrial effluents	DBT-R&D	Saini,H.S., Prof. (M) Guru Nanak Dev University Amritsar - 143 005 Punjab	50.59	36
535	Fine mapping of nuclear male sterility gene ms10 in chilli pepper & its introgression from chilli pepper to bell pepper	DBT-R&D	Dhaliwal,M.S., Dr. (M) Punjab Agricultural University Ludhiana - 141 001 Punjab	58.19	36
536	Flourimetric biosensor for detection & quantification of insecticides & pesticides using recombinant organo-phosphorous hydrolase expressed in E-coli	DBT-R&D	Kodgire,P., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	29.54	36
537	Flourimetric biosensor for detection & quantification of insecticides & pesticides using recombinant organo-phosphorous hydrolase expressed in E-coli	DBT-R&D	Joshi,A.B., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	29.54	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
538	Formate/nitrite transport channel family: Evolution, selectivity & transport mechanism using computational approach	DBT-R&D	Sankararamakrishnan,R., Prof. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	37.40	36
539	Functional & regulatory characterization of hypoxia regulated microRNAs & evaluation of their therapeutic & prognostic potential in Glioblastoma	DBT-R&D	Kulshreshtha,R., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	45.77	36
540	Functional analysis of casein locus in mouse through genome editing (CRISPRs)	DBT-R&D	Kumar,S., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Habsiguda Hyderabad - 500 007 Telangana	83.88	36
541	Functional characterization & implications of plant inositol pyrophosphate kinase	DBT-R&D	Pandey,A.K., Dr. (M) National Agri-Food Biotechnology Institute Sector 81, Sahibzada Ajit Singh Nagar Mohali - 140 308 Punjab	42.20	36
542	Functional characterization & validation of drug target potential of a unique triacyl glycerol synthase of Mycobacterium	DBT-R&D	Krishnan,M.Y., Dr. (F) CSIR-Central Drug Research Institute Sitapur Road, Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	27.26	36
543	Functional characterization of Metabolism Related Genes (MRGs) with restricted expression in the developing vertebrate nervous system	DBT-R&D	Sen,J., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	71.66	36
544	Functional characterization of molecular motors in meiotic chromosome segregation using budding yeast as a model organism	DBT-R&D	Ghosh,S.K., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	59.25	36
545	Functional collagen nanoparticle impregnated silk nano-ceramic composite 3D matrices for flat bone regeneration (Proposal submitted under "Use Inspired Discovery and Early Translational Science")	DBT-R&D	Mandal,B.B., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	43.85	36
546	Functional collagen nanoparticle impregnated silk nano-ceramic composite 3D matrices for flat bone regeneration (Proposal submitted under "Use Inspired Discovery and Early Translational Science")	DBT-R&D	Kharbanda,O.P., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	43.85	36
547	Functional delineation of a Cytosine DNA Methyltransferase (DNMT2) & determining its role in salt & Osmotic stress tolerance using Physcomitrella system	DBT-R&D	Kapoor,M., Prof. (F) Guru Govind Singh Indraprastha University Sector 16 C, Dwarka New Delhi - 110 075 Delhi	68.50	36
548	Functional metagenomics of camel rumen microbiome for novel key Glycoside Hydrolases (GH) to benefit animal nutrition & biofuels	DBT-R&D	Patil,N.V., Prof. (F) ICAR-National Research Centre on Camel Jodhpur Bypass Bikaner - 334 022 Rajasthan	22.13	36
549	Functional metagenomics of camel rumen microbiome for novel key Glycoside Hydrolases (GH) to benefit animal nutrition & biofuels	DBT-R&D	Purohit,H.J., Dr. (M) CSIR-National Environmental Engineering Research Institute Nehru Marg Nagpur - 440 020 Maharashtra	22.13	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
550	Functional metagenomics of camel rumen microbiome for novel key Glycoside Hydrolases (GH) to benefit animal nutrition & biofuels	DBT-R&D	Jakhesara,S.J., Dr. (M) Anand Agricultural University Hadgood Anand - 388 110 Gujarat	22.13	36
551	Functional metagenomics of camel rumen microbiome for novel key Glycoside Hydrolases (GH) to benefit animal nutrition & biofuels	DBT-R&D	Dafale,N.A., Dr. (M) ICAR-National Environmental Engineering Research Institute Nehru Marg Nagpur - 440 020 Maharashtra	22.13	36
552	G protein regulator RGS6 might be developed as a promising target for attenuating stress-induced cardiomyopathy & fibrosis	DBT-R&D	Maity,B., Dr. (M) Centre for Biomedical Research SGPGI Campus, Raebareilly Road Lucknow - 226 014 Uttar Pradesh	70.61	36
553	Generation of airway progenitors from pluripotent stem cells by simulating milestones of in vivo lung development & their applicability for treatment of experimental pulmonary fibrosis	DBT-R&D	Pal,R., Dr. (F) Transdisciplinary University Jarakanande Kavali, Post Attur, Yelahanka Bengaluru - 560 064 Karnataka	21.56	36
554	Generation of airway progenitors from pluripotent stem cells by simulating milestones of in vivo lung development & their applicability for treatment of experimental pulmonary fibrosis	DBT-R&D	Sudhandiran,G., Dr. (M) Madras University Chennai - 600 005 Tamil Nadu	21.56	36
555	Generation of genome-edited mice using CRISPR/Cas-9 based knock-out/knock-in technology to study mammalian sperm-egg fusion	DBT-R&D	Gupta,S., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	75.57	36
556	Generation of inheritable, transgene-free abiotic stress (salinity & drought) tolerant & semi-dwarf Indica rice cultivars using new plant breeding approach	DBT-R&D	Ramalingam,S., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Pocket 8, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	71.12	36
557	Generation of inheritable, transgene-free abiotic stress (salinity & drought) tolerant & semi-dwarf Indica rice cultivars using new plant breeding approach	DBT-R&D	Parani,M., Dr. (F) S.R.M. University Potheri Kattankulathur - 603 203 Tamil Nadu	71.12	36
558	Genetic analysis of dermatological disorders	DBT-R&D	Hasija,Y., Dr. (M) Delhi Technological University Shahbad Daulatpur, Main Bawana Road Delhi - 110 042 Delhi	44.08	36
559	Genetic dissection of heat tolerance using Bulked Segregant RNA Sequencing (BSR-Seq) in groundnut	DBT-R&D	Nayak,S.N., Dr. (F) Agricultural Sciences University Dharwad - 580 051 Karnataka	35.95	36
560	Genetic enhancement of economically important freshwater fish Catla catla using genetic & molecular approaches aquaculture species: An integrated approach	DBT-R&D	Sundaray,J.K., Dr. (M) ICAR-Central Institue of Freshwater Aquaculture Kausalyaganga Bhubaneswar - 751 002 Odisha	347.85	36
561	Genetics of dilatedcardiomyopathy	DBT-R&D	Mohapatra,B., Dr. (F) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	97.70	36
562	Geno Vault: A cloud based repository for genomics data	DBT-R&D	Joshi,R.R., Dr. (M) Centre for Development of Advanced Computing (C-DAC) Ganeshkhind Pune - 411 007 Maharashtra	63.55	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
563	Genome & transcriptome analysis of chilli anthracnose fungus colletotrichum truncatum	DBT-R&D	Nandineni,M.R., Dr. (M) Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 001 Telangana	60.80	36
564	Genome editing applied to telomerase reactivation in aggressive cancer progression	DBT-R&D	Chowdhury,S., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Pocket 8, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	58.77	36
565	Genome editing for generating semen favoring production of cow	DBT-R&D	Ganguli,N., Dr. (F) National Institute of Animal Biotechnology Opp. Journalist Colony, Q City Road, Gachobowli Hyderabad - 500 032 Telangana	66.37	36
566	Genome editing of Primordial Germ Cells (PGCs) using CRISPR/Cas9 system & production of Myostatin knock out chicken	DBT-R&D	Singh,R., Dr. (F) ICAR-Central Avian Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	55.66	36
567	Genome engineering to upscale the production of a broad spectrum anti-fungal protein Bg_9562 in Escherichia coli	DBT-R&D	Jha,G., Dr. (M) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P. O.Box No. 10531 New Delhi - 110 067 Delhi	69.89	36
568	Genome-wide epigenetic profiling of pigeonpea parental lines & thereof derived hybrids for understanding molecular basis of heterosis	DBT-R&D	Sinha,P., Dr. (F) International Crops Research Institute for the Semi-Arid Tropics CG Centers Block, NASC Complex, Dev Prakash Shastri Marg New Delhi - 110 012 Delhi	40.74	36
569	Genomic facility at University of Delhi, South Campus	DBT-R&D	Chaudhary,V.K., Prof. (M) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	247.82	36
570	Genomics for conservation of indigenous cattle breeds & for enahancing milk yield, Phase-I	DBT-R&D	Ganguli,N., Dr. (F) National Institute of Animal Biotechnology Opp. Journalist Colony, Q City Road, Gachibowli Hyderabad - 500 032 Telangana	1649.42	24
571	Glycoengineering of nicotiana tabacum using CRISPR Cas based genome editing: Glyco-optimization for humanized therapeutic protein production in plants	DBT-R&D	Misra,P., Dr. (M) CSIR-Indian Institute of Integrative Medicine Post Bag No. 3, Canal Road Jammu - 180 001 Jammu & Kashmir	72.23	36
572	GPI transamidase in Candida albicana	DBT-R&D	Komath,S.S., Prof. (F) Jawaharlal Nehru University Aruna Asaf Ali Road New Delhi - 110 067 Delhi	49.55	36
573	Handheld FRET-APTACHIP: Monitoring of pinnatoxins in food	DBT-R&D	Singh,S., Dr. (F) CSIR-Central Scientific Instruments Organization Sector 30 C, Chandigarh - 160 030 Chandigarh	38.08	36
574	Hands on training programme in fruits & vegetables preservation & its marketing by SC/ST & weaker section farm women of Varanasi & Mirzapur districts	DBT-R&D	Singh,M., Dr. (F) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	18.69	36
575	Healthcare Technology Innovation Centre (HTIC) - Phase II	DBT-R&D	Kumar,J., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	512.50	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
576	Healthcare Technology Innovation Centre (HTIC) - Phase II	DBT-R&D	Sivaprakasam,M., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	512.50	36
577	Herbal industry oriented, value added cultivatior of selected medicinal plants for women empowerment & livelihood generation in Bundelkhand region	DBT-R&D	Singh,R., Dr. (M) Bundelkhand University Jhansi - 284 128 Uttar Pradesh	20.43	36
578	High rate biomethanation of organic fraction of MSW for the generation of biogas based power & bio-manure	DBT-R&D	Anupoju,G.R., Dr. (F) CSIR-Indian Institute of Chemical Technology Tarnaka Hyderabad - 500 007 Telangana	271.50	24
579	High throughput design, synthesis & validation of TALENs for targeted genome engineering	DBT-R&D	Nain,V., Dr. (M) Gautam Buddha University Yamuna Expressway Greater Noida - 201 308 Uttar Pradesh	86.28	36
580	High-performance, low-cost passive prosthetic knees optimized to replicate physiological gait in multiple mobility scenarios	DBT-R&D	Mukherjee,S., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	69.93	24
581	Homing of tuftsin bearing drug loaded nanoparticles to macrophages: Their possible application as drug delivery system in colorectal cancer	DBT-R&D	Murugesan,K., Dr. (F) Institute of Bioinformatics & Applied Biotechnology Biotech Park, Electronic City, Phase I, Whitefield Road Bengaluru - 560 100 Karnataka	40.41	36
582	How Lysophospholipids (Lysophosphatidic acid & sphingosine-1- phosphate) metabolic pathways regulate placental development during pregnancy maintenance	DBT-R&D	Goyal,P., Dr. (M) Central University of Rajasthan Bandar Sindari Ajmer - 305 817 Rajasthan	49.49	36
583	Identification & characterization of a gene(s) involved in alopecia using a mouse model	DBT-R&D	Kumar,S., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Habsiguda Hyderabad - 500 007 Telangana	44.14	24
584	Identification & characterization of molecular pathways involved in immune-related autophagy	DBT-R&D	Srinivasula,S.M., Prof. (M) Indian Institute of Science Education & Research (Trivandrum) Sreekariyam-Kazhakuttam Road, Ambady Nagar Thiruvananthapuram - 695 016 Kerala	67.82	36
585	Identification & evaluation of novel biomarkers for diagnosing bovine uterine neoplasia	DBT-R&D	Latha,C.S., Dr. (F) Sri Venkateswara Veterinary University Tirupati - 517 502 Andhra Pradesh	35.47	24
586	Identification & functional analysis of antiapoptotic HCMV miRNAs	DBT-R&D	Gosipatala,S.B., Dr. (M) Babasaheb Bhimrao Ambedkar University Raebareli Road Lucknow - 226 025 Uttar Pradesh	74.88	36
587	Identification of gene responsible for degradation of poly (Ethylene terephthalate) in Ideonella sakaiensis	DBT-R&D	Singh,A.K., Dr. (M) Indian Institute of Technology (BHU) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	40.43	36
588	Identification of interacting host & vector partners for CHIKV nsP2 protein	DBT-R&D	Chattopadhyay,S., Dr. (F) Institute of Life Sciences Nalco Nagar, Nalco Square, Chandrasekharpur Bhubaneswar - 751 023 Odisha	41.31	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
589	Identification of interacting host & vector partners for CHIKV nsP2 protein	DBT-R&D	Sunil,S., Dr. (F) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	41.31	36
590	Identification of mycobacterial proteins & novel antigenic epitopes having immunodiagnostic potential & development of reagents for point of care test for Tuberculosis	DBT-R&D	Chaudhary,V.K., Prof. (M) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	27.31	36
591	Identification of mycobacterial proteins & novel antigenic epitopes having immunodiagnostic potential & development of reagents for point of care test for Tuberculosis	DBT-R&D	Sarin,R., Dr. (M) National Institute of Tuberculosis & Respiratory Diseases Sri Aurobindo Marg New Delhi - 110 030 Delhi	27.31	36
592	Identification of mycobacterial proteins & novel antigenic epitopes having immunodiagnostic potential & development of reagents for point of care test for Tuberculosis	DBT-R&D	Gupta,A., Dr. (F) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	27.31	36
593	Identification of novel biomarkers in active & latent TB in conjunction with HIV coinfection	DBT-R&D	Das,G., Prof. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	182.12	36
594	Identification of novel genetic & epigenetic regulators of aplastic anaemia	DBT-R&D	Mandal,P., Dr. (F) Burdwan University Rajbari Burdwan - 713 104 West Bengal	23.19	36
595	Identification of the most active cocoonase of sericigenous insects through molecular characterization	DBT-R&D	Pananghat,G., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, NCL Colony. Pashan Pune - 411 008 Maharashtra	23.74	36
596	Identification of the most active cocoonase of sericigenous insects through molecular characterization	DBT-R&D	Pandey,J.P., Dr. (M) Central Tasar Research & Training Institute P.O. Piska-Nagri Ranchi - 835 303 Jharkhand	23.74	36
597	Identification of the most active cocoonase of sericigenous insects through molecular characterization	DBT-R&D	Pandey,D., Dr. (M) Birla Institute of Technology (Mesra) Ranchi - 834 001 Jharkhand	23.74	36
598	Identification of the role of Serine 7 phosphorylation of RNA polymerase II CTD in the miRNA transcription	DBT-R&D	Akhtar,S., Dr. (M) CSIR-Central Drug Research Institute Sitapur Road, Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	40.22	36
599	Identification of trans-factors interacting partners of promoters of a miRNA-transcription factor module from Brassica juncea	DBT-R&D	Das,S., Dr. (M) Delhi University Delhi - 110 007 Delhi	57.26	36
600	Identification, cloning & characterization of genes involved in pigment biosynthesis of Indian insect, Kerria lacca (Kerr)	DBT-R&D	Kandasamy,T., Dr. (F) ICAR-Indian Institute of Natural Resins & Gums Tata Road, Namkum Ranchi - 834 010 Jharkhand	45.62	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
601	Identification, cloning, expression, purification & characterization of DNA demethylase enzyme activity: Investigation of the mechanism of demethylation of cytosine-5-carbon methylated-DNA keeping the DNA strand intact	DBT-R&D	Patra,S.K., Prof. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	94.96	36
602	Identification, design & characterization of peptides to disrupt hADA3-E6 interaction for HPV induced Cervical cancer therapy	DBT-R&D	Nag,A., Prof. (F) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	64.33	36
603	Identification, diversity & functional roles of host-encoded resistance in vector brone plant RNA viruses	DBT-R&D	Yadav,G., Dr. (F) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P. O.Box No. 10531 New Delhi - 110 067 Delhi	57.55	36
604	Identifiction of lead molecules to inhibit the adhesin-host interaction	DBT-R&D	Karthe,P., Dr. (M) Madras University Chennai - 600 005 Tamil Nadu	23.54	36
605	Identifying key pathways driving esophageal squamous cell carcinoma using transcriptome sequencing & proteomic data	DBT-R&D	Sharma,J., Dr. (F) Institute of Bioinformatics Bengaluru - 560 066 Karnataka	33.40	36
606	Immobilization of calnuc protein on ZnO nanostructured film for biosensor applications	DBT-R&D	Nair,S.P.N., Prof. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	45.97	36
607	Immune regulation of Tuberculosis: Unravelling the obscure roles of myeloid derived suppressor cells & regulatory T cells	DBT-R&D	Murthy,M.K., Dr. (M) ICMR-National Jalma Institute for Leprosy & other Mycobacterial Diseases Dr. M. Miyazaki Marg, Forest Colony, Tajganj Agra - 282 001 Uttar Pradesh	20.60	24
608	Impact of advanced paternal age & poor lifestyle of sperm epigenome: Possible etiology in autism spectrum disorder	DBT-R&D	Khan,S.N., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	34.28	36
609	Impact of cronobacter sakazakii infection on the neuro-immunity using multiple model systems, C. elegans & rat	DBT-R&D	Balamurugan,K., Dr. (M) Alagappa University Karaikudi - 630 003 Tamil Nadu	36.68	36
610	Impact of cronobacter sakazakii infection on the neuro-immunity using multiple model systems, C. elegans & rat	DBT-R&D	Rajan,K.E., Prof. (M) Bharathidasan University Tiruchirappalli - 620 024 Tamil Nadu	36.68	36
611	Impact of RAGs during brain development, function & gliomagenesis: A study to evaluate nonstandard roles of RAGs in normal functioning & pathogenesis of brain	DBT-R&D	Choudhary,B., Dr. (F) Institute of Bioinformatics & Applied Biotechnology Tech Park Mall, Biotech Park, Whitefield Road Bengaluru - 560 100 Karnataka	158.22	60
612	Impact of RAGs during brain development, function & gliomagenesis: A study to evaluate nonstandard roles of RAGs in normal functioning & pathogenesis of brain	DBT-R&D	Raghavan,S.C., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	158.22	60
613	Improving the resolution of Protein-Protein Interaction (PPI) networks	DBT-R&D	Chatterjee,S., Dr. (M) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	79.91	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
614	In silico design & development of novel peptide inhibitors targeting CD 147 through virtual screening & biopanning of peptide libraries & in vitro validation of anticancer efficacies	DBT-R&D	Vetrivel,U., Dr. (M) Vision Research Foundation Chennai - 600 006 Tamil Nadu	31.50	36
615	In silico studies on peptide nucleic acids towards their stabilities with metal ions, nano-clusters/modified backbones & exploiting the RNA for biosensing of DNA, RNA with ..	DBT-R&D	Ganguly,B., Dr. (M) CSIR-Central Salt & Marine Chemicals Research Institute Bhavnagar - 364 002 Gujarat	19.83	36
616	In vitro mass multiplication, characterization & habitat enrichment of two horticulturally important underutilized species from Andaman & Nicobar Islands	DBT-R&D	Bohra,P., Dr. (F) ICAR-Central Agricultural Research Institute Garacharma No. 181 Port Blair - 744 101 Andaman & Nicobar	16.47	36
617	Influence of maternal One Carbon (1C) metabolism in placental function, fetal growth & programming	DBT-R&D	Yajnik,C., Dr. (M) King Edward Memorial Hospital Acharya Donda Marg, Parel Mumbai - 400 012 Maharashtra	40.50	36
618	Influence of maternal One Carbon (1C) metabolism in placental function, fetal growth & programming	DBT-R&D	Joshi,S., Dr. (F) Interactive Research School for Health Affairs Pune-Satara Road, Katraj-Dhankawadi Pune - 411 043 Maharashtra	40.50	36
619	Influence of maternal One Carbon (1C) metabolism in placental function, fetal growth & programming	DBT-R&D	Chandak,G.R., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Habsigund Hyderabad - 500 007 Telangana	40.50	36
620	Influence of maternal One Carbon (1C) metabolism in placental function, fetal growth & programming	DBT-R&D	Mukhopadhyay,A., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	40.50	36
621	Infrastructure facility for advanced research & education in diagnostics	DBT-R&D	Wangikar,P.P., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	1533.30	36
622	Insights into the modulation of adaptive & innate immune responses by myeloid-derived suppressor cells during chronic HBV infection	DBT-R&D	Datta,S., Dr. (F) Institute of Post Graduate Medical Education & Research & S.S.K.M. Hospital 244 A.J.C. Bose Road Kolkata - 700 020 West Bengal	49.02	36
623	Integrated biotechnological approach towards improvement of quality & productivity of tropical tasar silk	DBT-R&D	Sharma,S., Dr. (M) National Institute of Animal Biotechnology Q City Road, Gachobowli Hyderabad - 500 034 Telangana	42.77	36
624	Integrated biotechnological approach towards improvement of quality & productivity of tropical tasar silk	DBT-R&D	Prabhu,I.G., Dr. (M) Central Tasar Research & Training Institute P.O. Piska-Nagri Ranchi - 835 303 Jharkhand	42.77	36
625	Integrated biotechnological approach towards improvement of quality & productivity of tropical tasar silk	DBT-R&D	Senthilkumaran,B., Dr. (M) Hyderabad University Gachibowli Hyderabad - 500 046 Telangana	42.77	36
626	Integrated biotechnological approach towards improvement of quality & productivity of tropical tasar silk	DBT-R&D	Sinha,A.K., Dr. (M) Central Tasar Research & Training Institute P.O. Piska-Nagri Ranchi - 835 303 Jharkhand	42.77	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
627	Integrated biotechnological approach towards improvement of quality & productivity of tropical tasar silk	DBT-R&D	Pandey,J.P., Dr. (M) Central Tasar Research & Training Institute P.O. Piska-Nagri Ranchi - 835 303 Jharkhand	42.77	36
628	Integrated eco-electrogenic system for efficient & sustainable treatment of textile wastewater	DBT-R&D	Desai,C., Dr. (M) Charotar University of Science & Technology Highway 139, Off. Nadiad-Petlad Road Changa - 388 421 Gujarat	44.96	36
629	Integrated eco-electrogenic system for efficient & sustainable treatment of textile wastewater	DBT-R&D	Mohan,S.V., Dr. (M) CSIR-Indian Institute of Chemical Technology Tarnaka Hyderabad - 500 007 Telangana	44.96	36
630	Integrated eco-electrogenic system for efficient & sustainable treatment of textile wastewater	DBT-R&D	Jadhav,J.P., Prof. (F) Shivaji University Kolhapur - 416 004 Maharashtra	44.96	36
631	Integrating multiple proteomics database search Algorithms in a unified framework for time efficient large scale analyses	DBT-R&D	Yadav,A.K., Dr. (M) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	39.86	36
632	Integration of plant & parasite omics to decipher the interactions & identify molecular targets for the management of root knot disease of rice under Centre of Excellence & Innovation in Biotechnology (CEIB) programme	DBT-R&D	Rao,U., Dr. (F) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	239.54	36
633	Integrative genomics approach to identify the role of co-regulators in dendritic cell immune response & its impact on T helper cell differentiation	DBT-R&D	Raghav,S.K., Dr. (M) Institute of Life Sciences Nalco Nagar, Nalco Square, Chandrasekharpur Bhubaneswar - 751 023 Odisha	66.03	36
634	Introgression of bruchid resistant gene(s) from vigna genotypes into popular Mung bean (Vigna radiata L.) variety through marked assisted ..	DBT-R&D	Devarajan,M., Dr. (F) Tamil Nadu Agricultural University Lawley Road Coimbatore - 641 003 Tamil Nadu	23.92	36
635	Investigating the mechaism by which a newly identified E3 ligase degrades tumour suppressor p 53 during DNA damage	DBT-R&D	Sengupta,S., Dr. (M) National Institute of Immunology Arua Asaf Ali Marg New Delhi - 110 067 Delhi	68.68	36
636	Investigating the nanomaterial based exosome sensor for cancer prognostic: An approach towards liquid biopsy for cancer	DBT-R&D	Basu,P.K., Dr. (M) Indian Institute of Space Science & Technology P.O Valiamala. Thiruvananthapuram - 695 547 Kerala	20.39	36
637	Investigating the nanomaterial based exosome sensor for Cancer prognostic: An approach towards liquid biopsy for Cancer	DBT-R&D	Sengupta,S., Dr. (F) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	20.39	36
638	Investigating the role of BMP signaling in pathogenesis of Osteoarthritis	DBT-R&D	Bandyopadhyay,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	70.62	36
639	Investigating the role of RNA binding proteins in pluripotency & differentiation of induced pluripotent stem cells	DBT-R&D	Shiras,A.S., Dr. (F) National Centre for Cell Sciences Ganeshkhind Pune - 411 007 Maharashtra	38.70	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
640	Investigation of effect of bisbenzimidazoles on bacterial population dynamics: In accordance to develop broad ..	DBT-R&D	Tandon,V., Prof. (F) Jawaharlal Nehru University New Delhi - 110 067 Delhi	83.45	36
641	Investigation of in vitro & in vivo anti-cancer efficacy studies of cholestanol glucoside a ROS inducing agent in combination	DBT-R&D	Kuriakose,G.C., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	55.48	36
642	Investigation of mechanisms of emerging drug resistance in Trichophyton sp., the major causative agents of fungal skin infections	DBT-R&D	Taneja,B., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Pocket 8, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	37.55	36
643	Investigation of mechanisms of emerging drug resistance in Trichophyton sp., the major causative agents of fungal skin infections	DBT-R&D	Das,S., Dr. (M) University College of Medical Sciences & Guru Teg Bahadur Hospital Gate No 2, Tahirpur Road, Dilshad Garden Delhi - 110 095 Delhi	37.55	36
644	Iron oxide nanoparticles peptide complexes for imaging of urokinase Plasminoqen Activator Receptor (uPAR) in cancer	DBT-R&D	Gandhi,S., Dr. (M) Amity Institute of Biotechnology J-3 Block, Sector 125 Noida - 201 303 Uttar Pradesh	24.67	36
645	Isolation & characterization of monoclonal antibodies from HIV-I subtype C infected induviduals	DBT-R&D	Luthra,K., Prof. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	102.32	36
646	Isolation & characterization of monoclonal antibodies from HIV-I subtype C infected induviduals	DBT-R&D	Bhattacharya,J., Dr. (F) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	102.32	36
647	Light signaling under abiotic stress environment with special reference to the regulation of Glyoxalase I/II family of a genes in rice & arbidopsis	DBT-R&D	Chattopadhyay,S., Prof. (M) National Institute of Technology (Durgapur) Mahatma Gandhi Road, A-Zone Durgapur - 713 209 West Bengal	67.26	36
648	Light signaling under abiotic stress environment with special reference to the regulation of Glyoxalase I/II family of genes in rice & arbidopsis	DBT-R&D	Sopory,S.K., Prof. (M) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	67.26	36
649	Linking the two poly (A) tails - Prokaryotes vs Eukaryotes	DBT-R&D	Laishram,R.S., Dr. (M) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	52.93	36
650	Mapping & quantitative assessment of plant resources & its distribution in Madhya Pradesh, central India	DBT-R&D	Kumar,A., Dr. (M) Central University of Jharkhand Brambe Ranchi - 835 205 Jharkhand	106.13	48
651	Mapping & quantitative assessment of plant resources & its distribution in Madhya Pradesh, central India	DBT-R&D	Khan,M.L., Prof. (M) Dr. Hari Singh Gour Central University University Road Sagar - 470 003 Madhya Pradesh	106.13	48
652	Marine synthetic biology: Building national capacity & human resource	DBT-R&D	Selvin,J., Mr. (M) Pondicherry University Puducherry - 605 014 Puducherry	55.79	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
653	Marine synthetic biology: Building national capacity & human resource	DBT-R&D	Dhar,P.K., Prof. (M) Jawaharlal Nehru University Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	55.79	36
654	Marine synthetic biology: Building national capacity & human resource	DBT-R&D	Singh,I.S.B., Prof. (M) Cochin University of Science & Technology Public University Road, Kalamasherry Kochi - 682 022 Kerala	55.79	36
655	Marker assisted breeding for improving phosphorous uptake efficiency in popular rice varieties of Tamil Nadu	DBT-R&D	Namasivayam,A., Dr. (F) Tamil Nadu Agricultural University Lawley Road Coimbatore - 641 003 Tamil Nadu	40.07	36
656	Marker assisted transfer of 'nud' gene governing hulless trait into genetic background of high yielding barley cultivars	DBT-R&D	Kaur,S., Dr. (F) Punjab Agricultural University Ludhiana - 141 004 Punjab	33.97	36
657	Marker generation & authentication of important medicinal plants in Ayurvedic pharmacopoeia of India using next generation sequencing technology	DBT-R&D	Rai,P.S., Prof. (F) Manipal University Manipal Life Science Centre Manipal - 576 104 Karnataka	37.50	36
658	Maternal fuel supply & placental trafficking of amino acids & fatty acids: Epigenetic & metabolomics correlates	DBT-R&D	Mukhopadhyay,A., Dr. (F) St. John's Research Institute St. John's National Academy of Health Sciences Bengaluru - 560 034 Karnataka	23.71	18
659	Mechanism of centromere assembly in the human fungal pathogen Candida albicans	DBT-R&D	Sanyal,K., Prof. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Rachenahalli Lake Road, Jakkur Bengaluru - 560 064 Karnataka	82.65	36
660	Mechanism of rapid propagation of Dengue virus during infection	DBT-R&D	Vikram,N.K., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	33.37	36
661	Mechanism of rapid propagation of Dengue virus during infection	DBT-R&D	Bhattacharyya,S., Dr. (M) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	33.37	36
662	Mechanism of rapid propagation of Dengue virus during infection	DBT-R&D	Guchhait,P., Dr. (M) Regional Centre for Biotechnology 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	33.37	36
663	Mechanisms of stress tolerance in Mycobacterium Tubercculosis & its impact on the host	DBT-R&D	Varshney,U., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	127.20	36
664	Mechanisms of stress tolerance in Mycobacterium Tubercculosis & its impact on the host	DBT-R&D	Singh,S., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	127.20	36
665	Mechanisms of stress tolerance in Mycobacterium Tubercculosis & its impact on the host	DBT-R&D	Nandicoori,V., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	127.20	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
666	Mechanisms of stress tolerance in Mycobacterium Tubercculosis & its impact on the host	DBT-R&D	Kumar,D., Dr. (M) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	127.20	36
667	Metabolic stress induced epigenetic changes in the transcriptional regulator gene SMAR1	DBT-R&D	Chattopadhyay,S., Dr. (M) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	59.75	36
668	Metabolically versatile paracoccus sp., for the bioremediation of toxic & harmful xenobiotics from waste water - a prospect of genomic exploitation	DBT-R&D	Balasubramaniem,A., Dr. (M) Madurai Kamaraj University Palkalai Nagar Madurai - 625 021 Tamil Nadu	28.23	36
669	Metabolically versatile paracoccus sp., for the bioremediation of toxic & harmful xenobiotics from waste water - a prospect of genomic exploitation	DBT-R&D	John,S.A., Dr. (M) Gandhigram Rural University Gandhigram, Chinnalapatti Dindigul - 624 302 Tamil Nadu	28.23	36
670	Metagenome sequence analysis of the distal gut virome in healthy Indian adults	DBT-R&D	Bhardwaj,K., Dr. (F) Regional Centre for Biotechnology NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	58.21	36
671	Metagenomics aided augmentation of resident microbes & their metabolism to enhance oil recovery from ..	DBT-R&D	Sureshchandra,A., Dr. (F) Engineer Agharkar Research Institute Gopal Ganesh Agharkar Road Pune - 411 016 Maharashtra	38.84	36
672	Microfluidic cell-squeezer for erythrocytes in mechano-phenotyping for possible diagnosis of Diabetes	DBT-R&D	Sen,P., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	61.28	36
673	Microfluidic platform for developing bio-artificial retina	DBT-R&D	Chidambaram,S., Dr. (F) Pondicherry University Puducherry - 605 014 Puducherry	30.76	36
674	Microfluidic platform for developing bio-artificial retina	DBT-R&D	Jain,P.D., Dr. (F) CSIR-Indian Institute of Chemical Technology Tarnaka Hyderabad - 500 007 Telangana	30.76	24
675	MicroRNA mediated regulation of neural stem/progenitor cell fate in neurotropic flaviviral infection	DBT-R&D	Basu,A., Dr. (M) National Brain Research Centre NH-B, Manesar Gurgaon - 122 051 Haryana	77.07	36
676	Miniaturized biomaging device with embedded nanosensor for real time oxygen sensing	DBT-R&D	Singh,S.G., Dr. (M) Indian Institute of Technology (Hyderabad) Near NH 65, Kandi Hyderabad - 502 285 Telangana	32.55	36
677	Miniaturized biomaging device with embedded nanosensor for real time oxygen sensing	DBT-R&D	Giri,L., Dr. (F) Indian Institute of Technology (Hyderabad) Near NH 65, Kandi Hyderabad - 502 285 Telangana	32.55	36
678	miRNA profiling & alteration of signaling pathways following curcumin & emodin treatment in cervical cancer cell lines	DBT-R&D	Samji,P., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	60.00	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
679	Mode of action & physiological functions of Arginine - phenylalanine - amide (RFamide) - related peptide 3 in mice Hormone (GnIH) or arginine - phenylalanine - a mide (RFamide) - related peptide 3 in mice	DBT-R&D	Singh,P., Dr. (F) Indira Gandhi National Tribal University Lal Pur Amarkantak - 484 886 Madhya Pradesh	38.49	36
680	Modulation of oral tolerance by innate & adaptive immune cells	DBT-R&D	George,A., Dr. (F) National Institute of Immunology Aruan Asaf Ali Marg New Delhi - 110 067 Delhi	74.30	36
681	Molecualar insight in to Staphylococcal Chromosomal Cassette mec (SCCmec): Using an epidemiological marker for molecular diagnostics	DBT-R&D	Bhattacharjee,A., Dr. (M) Central University of Assam Silchar - 788 011 Assam	31.30	36
682	Molecular & functional characterization of mycobacterial sub-populations that are tolerant or susceptible to anti-tuberculosis	DBT-R&D	Parthasarathi,A., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	58.90	36
683	Molecular analyses of extra-cellular vesicles isolated from bone marrow-derived mesenchymal stromal cells treated with specific signaling modified & assessment of their effects on the fate of hematopoietic stem cells	DBT-R&D	Limaye,L.S., Dr. (F) National Centre for Cell Sciences Ganeshkhind Pune - 411 007 Maharashtra	21.68	36
684	Molecular analyses of extra-cellular vesicles isolated from bone marrow-derived mesenchymal stromal cells treated with specific signaling modified & assessment of their effects on the fate of hematopoietic stem cells	DBT-R&D	Vaidya,A., Dr. (F) Symbiosis School of Biological Sciences Taluka-Mulshi Pune - 412 115 Maharashtra	21.68	36
685	Molecular characterization of bioactive constituents from selected cephalopods from west coast	DBT-R&D	Gayathri,N., Dr. (F) The D.G. Ruparel College of Arts, Science & Commerce Tulsi Pipe Road, Mahalaxmi Sindhi Colony, Matunga Mumbai - 400 016 Maharashtra	41.80	36
686	Molecular characterization of Dichelobacter nodosus & development of recombinant vaccine against ovine footrot	DBT-R&D	Bhat,M.A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Chatha Road Jammu - 181 101 Jammu & Kashmir	39.07	36
687	Molecular characterization of halophiles for the production of biopolymers & its industrial applications	DBT-R&D	Sulochana,M.B., Dr. (M) Gulbarga University Sedam Road Gulbarga - 585 101 Karnataka	31.84	36
688	Molecular characterization of undiagnosed cases of congenital hemolytic anemia using a multigene next generation sequencing panel	DBT-R&D	Kedar,P.S., Dr. (M) ICMR-National Institute of Immunohaematology 13th Floor, KEM Hospital Campus, Parel Mumbai - 400 012 Maharashtra	57.25	36
689	Molecular dialogue between plant & growth promoting fungus trichoderma: Role of strigolactones	DBT-R&D	Bakshi,S., Dr. (F) Indian Institute of Science Education & Research (Bhopal) Bhopal Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	40.00	36
690	Molecular mapping of black rot resistance gene in Cauliflower (Brassica oleracea var. botrytis L.)	DBT-R&D	Kalia,P., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 100 012 Delhi	33.37	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
691	Molecular mapping of leaf rust & stripe rust resistance genes transferred from Triticum monococcum L. to hexaploid wheat (Triticum aestivum L.)	DBT-R&D	Jindal,S., Dr. (F) Punjab Agricultural University Ludhiana - 141 004 Punjab	37.32	36
692	Molecular marker assisted pyramiding of white rust resistance genes AcB1-A4, 1 & AcB1-A5.1 in Brassica juncea cultivar RSPR-01 recommended in Jammu & Kashmir	DBT-R&D	Sharma,M., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Chatha Road Jammu - 181 001 Jammu & Kashmir	48.77	36
693	Molecular screening, cell culture based isolation & characterization of Finfish & Shellifish viruses & establishment of national repository	DBT-R&D	Shah,F.A., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Chatha Road Jammu - 181 101 Jammu & Kashmir	81.49	36
694	Molecular screening, cell culture based isolation & characterization of Finfish & Shellifish viruses & establishment of national repository	DBT-R&D	Sajeevan,T.P., Dr. (M) Cochin University of Science & Technology Public University Road, Kalamasherry Kochi - 682 022 Kerala	81.49	36
695	Molecular screening, cell culture based isolation & characterization of Finfish & Shellifish viruses & establishment of national repository	DBT-R&D	Sahoo,P.K., Dr. (M) ICAR-Central Institute of Freshwater Aquaculture Kausalyaganga Bhubaneswar - 751 002 Odisha	81.49	36
696	Molecular screening, cell culture based isolation & characterization of Finfish & Shellifish viruses & establishment of national repository	DBT-R&D	Singh,I.S.B., Prof. (M) Cochin University of Science & Technology Public University Road, Kalamasherry Kochi - 682 022 Kerala	81.49	36
697	Molecular screening, cell culture based isolation & characterization of Finfish & Shellifish viruses & establishment of national repository	DBT-R&D	Hameed,S.S., Dr. (M) C. Abdul Hakeem College Hakeem Nagar, Melvisharam Vellore - 632 509 Tamil Nadu	81.49	36
698	Molecular screening, cell culture based isolation & characterization of Finfish & Shellifish viruses & establishment of national repository	DBT-R&D	Rajendran,K.V., Dr. (M) ICAR-Central Institute for Fisheries Education Yari Road, Panch Marg, Versova, Andheri West Mumbai - 400 061 Maharashtra	81.49	36
699	Molecular taxonomy & systematics of trigonella & melilotus (Fabaceae) germplasm resources	DBT-R&D	Dangi,R.S., Dr. (F) Rajiv Gandhi Institute of Information Technology & Biotechnology Pune-Satara Road, Khashaba Jadhav Path, Katraj Pune - 411 045 Maharashtra	35.09	36
700	Monitoring & assessment of rivers for emerging pollutants & phycoremediation	DBT-R&D	Ramaswamy,B.R., Dr. (M) Bharathidasan University Tiruchirappalli - 620 024 Tamil Nadu	18.25	36
701	Monitoring & assessment of rivers for emerging pollutants & phycoremediation	DBT-R&D	Thajuddin,N., Dr. (M) Bharathidasan University Tiruchirappalli - 620 024 Tamil Nadu	18.25	36
702	Monitoring placental health & function across pregnancy using placental-derived nanovesicles in maternal blood	DBT-R&D	Tiwari,S., Dr. (F) Sanjay Gandhi P.G. Institute of Medical Sciences Lucknow - 226 014 Uttar Pradesh	25.00	24
703	Monoculturing of exotic sheep in J & K: Impact assessment using molecular markers for conservation genetics	DBT-R&D	Khan,N.N., Dr. (F) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar, Badgam Srinagar - 190 019 Jammu & Kashmir	39.46	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
704	Monte carlo simulation based detemination of genome conformation using Chromosome Conformation Capture (3C) data at high resolution	DBT-R&D	Chatterji,A., Mr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, NCL Colony. Pashan Pune - 411 008 Maharashtra	40.77	36
705	Multifunctional polymeric nanoformulation for targeting hepatocellular carcinoma cells & cancer stem like cells	DBT-R&D	Poojari,R., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	55.22	36
706	Multimodal Glioblastoma therapy by blood brain barrier traversing & glioma targeting anti-cancer peptide theranostic nanoparticles	DBT-R&D	Panda,J.J., Dr. (F) Institute of Nano Science & Technology Habitat Centre, Phase 10, Sector 64 Mohali - 160 062 Punjab	51.16	36
707	Mutations of GUCY2C & human diseases: Molecular analysis using engineered cell lines & transgenic mice	DBT-R&D	Visweswariah,S.S., Prof. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	364.08	36
708	Nanoclay based study on protein stability & aggregation & its implication in human health	DBT-R&D	Fatima,S., Dr. (F) Jamia Millia Islamia Jamia Nagar New Delhi - 110 025 Delhi	60.17	36
709	Nanoparticle mediated initiatives for enhancement of recombinant dihydrofolate reductase protien preparation in Escherichia coli cytosol & in virto: A bio-nanotechnology approach	DBT-R&D	Chaudhuri,P., Prof. (F) Amity Institute of Biotechnology J-3 Block, Sector 125 Noida - 201 303 Uttar Pradesh	42.90	36
710	Native methanotrophic bacterial consortium for mitigation of methane flux from rice ecosystem	DBT-R&D	Jhala,Y.K., Dr. (F) Anand Agricultural University Hadgood Anand - 388 110 Gujarat	19.69	36
711	Naturally derived vesicles for targeted drug delivery	DBT-R&D	Singh,N., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	39.33	36
712	Neuroprotective function of CD40 in mouse Hepatitis virus induced central nervous system infection	DBT-R&D	Sarma,J.D., Prof. (F) Indian Institute of Science Education & Research (Kolkata) 35/1, 2nd Avenue, DC Block, Sector 1 Kolkata - 700 065 West Bengal	58.00	36
713	NMR structural & biophysical studies on binding of anthraquinone derivatives (Amino, Amido - & Suphonamide - derivatives) with Guanine	DBT-R&D	Barthwal,R., Dr. (F) Indian Institute of Technology (Roorkee) Haridwar Highway Roorkee - 247 667 Uttarakhand	42.56	36
714	Novel biocatalysts for biomass valorization: Functional analysis & engineering of glycosyl hydrolases & laccases from thermal springs & haloferax volcanii	DBT-R&D	Ramachandran,P., Dr. (F) Tamil Nadu Agricultural University Lawley Road Coimbatore - 641 003 Tamil Nadu	50.69	36
715	Novel NIR-1 & NIR-2 dyes & their functionalised nanoparticles for non-invasive imaging, tracking & targeted delivery of theranostic in progressive liver disease prognosis & therapy	DBT-R&D	Mondal,P., Dr. (M) Indian Institute of Technology (Mandi) Parashar Road, Tehsil Sadar, Kamand Mandi - 175 005 Himachal Pradesh	60.26	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
716	Nuclear specific delivery of anticancer drug via ligand-free PDMS nanoparticles	DBT-R&D	Sivakumar,S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	50.01	36
717	Nuclease resistant aptamer-nanoparticle conjugate against B7-H3 as targeted therapy & imaging in retinoblastoma	DBT-R&D	Subramanian,K., Dr. (M) Vision Research Foundation Chennai - 600 006 Tamil Nadu	35.55	36
718	Nuclease resistant aptamer-nanoparticle conjugate against B7-H3 as targeted therapy & imaging in retinoblastoma	DBT-R&D	Sharma,A., Dr. (M) Indian Institute of Science Education & Research (Tirupati) Karakambadi Road, Rami Reddy Nagar, Mangalam Tirupati - 517 507 Andhra Pradesh	35.55	36
719	Numerical studies of effects on human-heat due to growing blockage in coronary artery	DBT-R&D	Kumar,M., Dr. (M) Motilal Nehru National Institute of Technology (Allahabad) Barrister Mullah Colony, Teliarganj, Prayagraj Allahabad - 211 004 Uttar Pradesh	21.73	36
720	Nutritional evaluaion, segregation & production optimization of novel marine microalgae for establishment as live feeds in fish & Shelfish culture	DBT-R&D	Joseph,V., Dr. (F) Cochin University of Science & Technology Public University Road, Kalamasherry Kochi - 682 022 Kerala	70.91	36
721	Oligo-mediated genome engineering of lactococcus lactis W8 to generate novel nisin peptides for use in food & health	DBT-R&D	Biswas,S.R., Prof. (M) Visva Bharati University Birbhum Santiniketan - 731 236 West Bengal	64.94	36
722	OMEGAs: Triggers & cues for enhancement of essential fatty acids as a source of high-value renewables from microalgae	DBT-R&D	Nesamma,A.A., Dr. (F) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	54.81	36
723	Omics of placental exosomes in early onset preeclampsia: An approach towards identifying predictive biomarkers	DBT-R&D	Balasinor,N.H., Dr. (F) ICMR-National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	23.74	24
724	Optogenetic analysis of memory formation	DBT-R&D	Bhalla,U.S., Dr. (M) National Centre for Biological Sciences Tata Institute of Fundamental Research, Bellary Road Bengaluru - 560 065 Karnataka	177.30	60
725	Overcoming nitrogen deficiency by genetic manipulation of siroheme biosynthesis enzymes uroporphyrinogen III methyl	DBT-R&D	Tripathy,B.C., Dr. (M) Jawaharlal Nehru University Arua Asaf Ali Road New Delhi - 110 067 Delhi	45.17	36
726	Overexpression of exogenous & endogenous Phytoene Synthase (PSY) gene in Dunaliella salina for the enhanced production of carotenoids	DBT-R&D	Gothandam,K.M., Dr. (M) Vellore Institute of Technology University Vellore - 623 014 Tamil Nadu	29.35	36
727	Peptide-decorated pH-sensitive nano-conjugate hybrid micelles for co-delivery of temozolamide & an autophagy inducer, rapamycin, for treatment of glioblastoma multiforme	DBT-R&D	Chitkara,D., Dr. (M) Birla Institute of Technology & Science (Pilani) Pilani - 333 031 Rajasthan	41.95	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
728	Photoinduced release of therapeutic Nitric Oxide (NO) from functionalized self-assembled nanovesicles	DBT-R&D	Devadoss,A.J., Dr. (M) National Institute of Technology (Kurukshetra) Mirzapur Part Kurukshetra - 136 119 Haryana	44.45	36
729	Pilot scale study for enhancing the in-situ generation of methane from municipal solid waste in Chidambaram, Tamil Nadu	DBT-R&D	Sambandam,M., Dr. (M) Annamalai University Chidambaram Cuddalore - 608 002 Tamil Nadu	10.15	36
730	Pilot scale study for enhancing the in-situ generation of methane from municipal solid waste in Chidambaram, Tamil Nadu	DBT-R&D	Singarajan,P., Prof. (M) Annamalai University Chidambaram Cuddalore - 608 002 Tamil Nadu	10.15	36
731	Placenta as a site of HEV replication & the role of inflammasomes & cytokines in the immunopathogenesis of HEV in pregnant women	DBT-R&D	Ratho,R.K., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	30.44	36
732	Plasma membrane organization & protein dynamics in early epithelial-like cells in Drosophila embryogenesis	DBT-R&D	Rikhy,R., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, NCL Colony, Pashan Pune - 411 008 Maharashtra	80.80	36
733	Preclinical development of fascaplysin based anticancer leads	DBT-R&D	Bharate,S.B., Dr. (M) CSIR-Indian Institute of Integrative Medicine Post Bag No.3, Canal Road Jammu - 180 001 Jammu & Kashmir	38.05	36
734	Predicting functionality of domestic wastewater treatment plants when challeneged by Xenobiotics, Anti-bacterials & Surfactants (XAS)	DBT-R&D	Kapley,A., Dr. (F) CSIR-National Environmental Engineering Research Institute Nehru Marg Nagpur - 440 020 Maharashtra	57.48	36
735	Predicting functionality of domestic wastewater treatment plants when challeneged by Xenobiotics, Anti-bacterials & Surfactants (XAS)	DBT-R&D	Chanakya,H.N., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	57.48	36
736	Prediction of treatment failure among Diabetic patients with Tuberculosis by peripheral blood transcriptional signature	DBT-R&D	Vivekanandhan,A., Dr. (M) Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences Peelamedu Coimbatore - 641 004 Tamil Nadu	24.03	36
737	Prediction of treatment failure among Diabetic patients with Tuberculosis by peripheral blood transcriptional signature	DBT-R&D	Umadevi,K.R., Dr. (F) ICMR-National Institute for Research in Tuberculosis No. 1, Mayor Satthiyamoorthy Road, Chetpet Chennai - 600 031 Tamil Nadu	24.03	36
738	Predictive Analytics software for Dyslipidemia Associated Complications in Type 2 Diabetes condition (PADyAC-T2D)	DBT-R&D	Ramachandran,S., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Pocket 8, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	21.17	36
739	Prevention of clot formation by targeting cell signaling & oxidative metabolism - novel therapeutic strategy against occlusive vascular events	DBT-R&D	Dash,D., Prof. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	100.90	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
740	Process development for tannery wastewater treatment involving Membrane Bioreactor (MBR) process integrated with microalgal bioremediation	DBT-R&D	Ghosh,S., Dr. (F) CSIR-Central Glass & Ceramic Research Institute 196, Raja Subodh Chandra Mallick Road, Jadavpur Kolkata - 700 032 West Bengal	32.67	36
741	Process optimization & scale up of Tannase from marine fungi & evaluation of its application in the production of value added products from Cashew Apple	DBT-R&D	Abdulhameed,S., Dr. (M) Kerala State Council for Science, Technology & Environment Sastra Bhavan, Kesavadasapuram Road, Pattom Thiruvananthapuram - 695 004 Kerala	38.90	36
742	Process optimization & scale up of Tannase from marine fungi & evaluation of its application in the production of value added products from Cashew Apple	DBT-R&D	Pradeep,N.S., Dr. (M) Jawaharlal Nehru Tropical Botanic Garden & Research Institute Palode Thiruvananthapuram - 695 562 Kerala	38.90	36
743	Product development based on Thymol-rich 'Jammu monarda'	DBT-R&D	Chandra,S., Dr. (M) CSIR-Indian Institute of Integrative Medicine Post Bag No. 3, Canal Road Jammu - 180 001 Jammu & Kashmir	29.27	36
744	Product development based on Thymol-rich 'Jammu monarda'	DBT-R&D	Akbar,N., Mr. (M) Fragrance & Flavour Development Centre G.T. Road, Makrand Nagar Kannauj - 209 726 Uttar Pradesh	29.27	36
745	Production & characterization of exopolysaccharides of halophilic archaea isolated from saline ecosystems of west coast of India	DBT-R&D	Kulkarni,S.O., Dr. (F) National Centre for Cell Sciences Pune University Campus, Ganeshkhind Pune - 411 007 Maharashtra	37.53	36
746	Production of chitin & chitosan oligomers by novel streptomyces strains isolated from Chilika lake & their use as bio protective agent developing an economically viable process	DBT-R&D	Ray,L., Dr. (F) Kalinga Institute of Industrial Technology University 21, K.G. Marg, Janpath, Connaught Place New Delhi - 110 001 Delhi	37.83	36
747	Production of disease free banana (Musa sapentium) plants through tissue culture technique for establishment of nursery & distribution of low cost plantlets among farmers	DBT-R&D	Sengar,R.S., Dr. (M) Sardar Vallabh Bhai Patel University of Agriculture & Technology Meerut - 250 110 Uttar Pradesh	23.35	36
748	Production of nanocarriers for theranostics	DBT-R&D	Das,A., Dr. (M) CSIR-Central Salt & Marine Chemicals Research Institute Bhavnagar - 364 002 Gujarat	50.40	36
749	Production of nanocarriers for theranostics	DBT-R&D	Chattopadhyay,S., Dr. (M) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	50.40	36
750	Production of polyhydroxyalkanoate co-polymers from bacillus species using oil refinery waste	DBT-R&D	Somashekara,D.M., Dr. (F) Manipal Institute of Technology Udupi - Karkala Rd, Eshwar Nagar Manipal - 576 104 Karnataka	35.00	36
751	Programme support for research in Biological Sciences & Healthcare Engineering in North East Region	DBT-R&D	Das,G., Prof. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	3735.28	36
752	Proposal for an Adcanced Centre for Cryo-electron Microscopy	DBT-R&D	Dutta,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	1720.20	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
753	Prospecting microlagae & cyanobacteria for high value biopigments	DBT-R&D	Pabbi,S., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	53.83	36
754	Prospecting microlagae & cyanobacteria for high value biopigments	DBT-R&D	Madamwar,D., Prof. (M) Sardar Patel University Vallabh Vidyanagar - 388 120 Gujarat	53.83	36
755	Prospecting microlagae & cyanobacteria for high value biopigments	DBT-R&D	Subudhi,S., Dr. (F) The Energy & Resources Institute Indian Habitat Centre, Lodhi Road New Delhi - 110 003 Delhi	53.83	36
756	Proteomic analysis of severe & non-severe vivax Malaria from different endemic areas of India to identify diagnostic & prognostic markers; and correlate host responses with disease severity	DBT-R&D	Srivastava,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	64.02	36
757	Quantification of sustrate across membrane proteins	DBT-R&D	Bajaj,H., Dr. (F) CSIR-National Institute for Interdisciplinary Science & Technology P.O. Pappanamcode Thiruvananthapuram - 695 019 Kerala	31.48	36
758	Quantitative estimation of regional brain iron deposition - a potential biomarker for Parkinson's disease & other neurodegenerative conditions causing a typical Parkinsonism	DBT-R&D	Nair,S.K., Dr. (M) Sree Chitra Tirunal Institute for Medical Sciences & Technology Jai Nagar W. Road, Chalakkuzhi Thiruvananthapuram - 695 011 Kerala	18.73	36
759	Quantitative modeling of regulatory processes associated with bacterial stress response	DBT-R&D	Mukherji,S., Prof. (F) CSIR-Central Food Technological Research Institute Cheluvamba Mansion, Valmiki Road, Kajjihundi Mysore - 570 020 Karnataka	36.14	36
760	Quantitative tongue tissue proteomics of oral tongue squamous cell carcinoma for novel biomarker discovery	DBT-R&D	Sivagnanam,A., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	37.93	36
761	Random & targeted mutagenesis of zoonotic pathogen Leptospira interregans: In perspective of vaccine development	DBT-R&D	Faisal,S.M., Dr. (M) National Institute of Animal Biotechnology Opp. Journalist Colony, Q City Road, Gachibowli Hyderabad - 500 032 Telangana	50.41	24
762	Rapid diagnosis of Mycobacterial infections (M. Tuberculosis & Non-Tubercular Mycobacteria (NTM) in HIV positive & HIV negative patients with ocular Tuberculosis	DBT-R&D	Singh,R., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	39.65	36
763	Rational designing, synthesis, structural & functional analysis of novel anti-hypertensive peptides	DBT-R&D	Mahapatra,N.R., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	85.35	36
764	Reconsitutable lyophilized plasmonic semishells as near infra red photothermal nanotransducers for cancer treatment	DBT-R&D	Shanavas,A., Dr. (M) Institute of Nano Science & Technology Habitat Centre, Phase 10, Sector 64 Mohali - 160 062 Punjab	35.90	36
765	Regulation of inter-alletic epigenetic differences by CGGBP1 CTCF axis	DBT-R&D	Singh,U., Dr. (M) Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 355 Gujarat	75.83	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
766	Regulation of neuronal cell cycle during differentiation & death	DBT-R&D	Sharma,P., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	68.04	36
767	Regulation of pancreastatin to control the energy homestasis in Diabetes	DBT-R&D	Gayen,J.R., Dr. (M) CSIR-Central Drug Research Institute Sitapur Road, Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	59.59	36
768	Regulation of Parathyroid hormone stimulation of matrix metalloproteinase -13 expression in osteoblasic cells by ..	DBT-R&D	Selvamurugan,N., Dr. (M) S.R.M. University Mahatma Gandhi Road, Potheri, District Kancheepuram Kattankulathur - 603 203 Tamil Nadu	48.02	36
769	Regulation of telomere by targeting telomeric repeat containing RNA small molecules	DBT-R&D	Dash,J., Dr. (F) Indian Association for the Cultivation of Science 2A & 2B, Raja S.C. Mullick Road Kolkata - 700 032 West Bengal	59.55	36
770	Regulation of the colonization factor CS6 of enterotoxigenic Escherichia coli in pathogenesis	DBT-R&D	Chatterjee,N.S., Dr. (M) ICMR-National Institute of Cholera & Enteric Diseases P-33, CIT Road, Scheme XM, Beleghata Kolkata - 700 010 West Bengal	30.17	36
771	Regulation of trophoblast-vasculogenic mimicry	DBT-R&D	Ain,R., Dr. (F) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	40.07	36
772	Regulation of Two Component Signaling (TCS) crosstalk in mycobacterial virulence: Understanding the role of cellular ..	DBT-R&D	Saini,D.K., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	46.70	36
773	Relevance of telomere biology in the pathogenesis & treatment outcome of patients with bone marrow failure disorders	DBT-R&D	George,B., Dr. (M) Christian Medical College Vellore - 632 002 Tamil Nadu	73.03	36
774	Remediation & reclamation of Hexachlorocyclohexane (HCH) dumpsite by using microbial bioremediation technology	DBT-R&D	Rawat,C.D., Dr. (F) Ramjas College University Enclave Delhi - 110 007 Delhi	35.58	24
775	Remediation & reclamation of Hexachlorocyclohexane (HCH) dumpsite by using microbial bioremediation technology	DBT-R&D	Manickam,N., Dr. (M) CSIR-Indian Institute of Toxicology Research Vishvigyan Bhawan, 31, Mahatma Gandhi Marg, P.O. Box No 80 Lucknow - 226 001 Uttar Pradesh	35.58	24
776	Remediation & reclamation of Hexachlorocyclohexane (HCH) dumpsite by using microbial bioremediation technology	DBT-R&D	Srivastva,P.K., Dr. (M) CSIR-National Botanical Research Institute Rana Pratap Marg Lucknow - 226 001 Uttar Pradesh	35.58	24
777	Remediation & reclamation of Hexachlorocyclohexane (HCH) dumpsite by using microbial bioremediation technology	DBT-R&D	Lal,B., Dr. (M) The Energy & Resources Institute Darbari Seth Block, IHC Complex, Lodhi Road New Delhi - 110 003 Delhi	35.58	24
778	Remediation & reclamation of Hexachlorocyclohexane (HCH) dumpsite by using microbial bioremediation technology	DBT-R&D	Lal,R., Prof. (M) Delhi University Delhi - 110 007 Delhi	35.58	24

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
779	Remediation & reclamation of Hexachlorocyclohexane (HCH) dumpsite by using microbial bioremediation technology	DBT-R&D	Negi,R.K., Dr. (M) Delhi University Delhi - 110 007 Delhi	35.58	24
780	Remediation & reclamation of Hexachlorocyclohexane (HCH) dumpsite by using microbial bioremediation technology	DBT-R&D	Das,S., Dr. (M) The Energy & Resources Institute Darbari Seth Block, IHC Complex, Lodhi Road New Delhi - 110 003 Delhi	35.58	24
781	Remediation & reclamation of Hexachlorocyclohexane (HCH) dumpsite by using microbial bioremediation technology	DBT-R&D	Barik,S.K., Dr. (M) CSIR-National Botanical Research Institute Rana Pratap Marg Lucknow - 226 001 Uttar Pradesh	35.58	24
782	Remediation & reclamation of Hexachlorocyclohexane (HCH) dumpsite by using microbial bioremediation technology	DBT-R&D	Singh,Y., Prof. (M) Delhi University Delhi - 110 007 Delhi	35.58	24
783	Rescue of recombinant Bluetongue virus using novel approach employing plasmid based system & host to ..	DBT-R&D	Usha,K., Dr. (F) ICMR-National Institute of Nutrition Near Tarnaka Flyover Hyderabad - 500 007 Telangana	42.41	36
784	Revealing the interaction mechanism of the protein with lipids in the apoptosis process: Electronic, vibrational & conformational relaxation dynamics of the heme in the liposomes	DBT-R&D	Venugopal,K., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology P.O. Pappanamcode Thiruvananthapuram - 695 019 Kerala	59.63	36
785	ROCK2 dependent radiation induced DNA repair in cervical carcinoma - a translational opportunity	DBT-R&D	Srivastava,S., Dr. (F) St. John's Medical College & Hospital Koramangala Bengaluru - 560 001 Karnataka	48.19	36
786	Role of 18FDG-PET in central nervous system Tuberculosis as a biomarker of disease severity & response to treatment	DBT-R&D	Modi,M., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	77.44	36
787	Role of AMP- activated protein kinase in vascular aging	DBT-R&D	Kotamraju,S., Dr. (M) CSIR-Indian Institute of Chemical Technology Tarnaka Hyderabad - 500 007 Telangana	59.32	36
788	Role of AMP-activated protein kinase in experiemental cerbral Malaria & possible role of minocycline as an adjunctive therapy	DBT-R&D	Phanithi,P.B., Prof. (M) Hyderabad University Hyderabad - 500 046 Telangana	49.97	36
789	Role of autophagy in the intraerythrocytic stages of plasmodium falciparum	DBT-R&D	Manjithaya,R., Dr. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Rachenahalli Lake Road, Jakkur Bengaluru - 560 064 Karnataka	33.78	36
790	Role of autophagy in the intraerythrocytic stages of plasmodium falciparum	DBT-R&D	Surolia,N., Prof. (F) Jawaharlal Nehru Centre for Advanced Scientific Research Rachenahalli Lake Road, Jakkur Bengaluru - 560 064 Karnataka	33.78	36
791	Role of autophagy in the intraerythrocytic stages of plasmodium falciparum	DBT-R&D	Sundaramurthy,V., Dr. (M) National Centre for Biological Sciences Tata Institute of Fundamental Research, Bellary Road Bengaluru - 560 065 Karnataka	33.78	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
792	Role of carbonylated proteins in the virulence of Salmonella	DBT-R&D	Mahawar,M., Dr. (M) ICAR-Indian Veterinary Research Institute Izatnagar Bareilly - 243 122 Uttar Pradesh	38.00	36
793	Role of chromokinesin & kinesin motor proteins in driving chromosomal aberrations	DBT-R&D	Saxena,S., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	69.26	36
794	Role of Dmon1 at the synapse & regulation of glutamate receptors	DBT-R&D	Ratnaparkhi,A., Dr. (F) Agharkar Research Institute Gopal Ganesh Agharkar Road Pune - 411 016 Maharashtra	43.98	36
795	Role of Dmon1 at the synapse & regulation of glutamate receptors	DBT-R&D	Ratnaparkhi,G.S., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr Homi Bhabha Road, Ward No 8, NCL Colony, Pashan Pune - 411 008 Maharashtra	43.98	36
796	Role of Kisspeptin (Kp) in mitochondrial biogenesis & mitophagy: Therapeutic effects of Kp in aging brain	DBT-R&D	Mattam,U., Dr. (F) Hyderabad University Professor CR Rao Road, Gachibowli Hyderabad - 500 046 Telangana	34.79	36
797	Role of Kynurenic acid, a glutamate receptor inhibitor, in hyper excitability associated with Mesial Temporal Lobe Epilepsy (MTLE)	DBT-R&D	Chandra,P.S., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	53.75	36
798	Role of metformin in modulating neuro-immunoinflammation in experimental model of status Epilepticus	DBT-R&D	Medhi,B., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	32.18	36
799	Role of molecular complexity in nonenzymatic replication reactions of the RNA world	DBT-R&D	Rajamani,S., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr Homi Bhabha Road, Ward No 8, NCL Colony, Pashan Pune - 411 008 Maharashtra	55.95	36
800	Role of non-polar fraction of Aloe vera gel as a pre-conceptive herbal therapy towards management of female fertility in-Polycystic Ovarian Syndrome rodent model	DBT-R&D	Nampoothiri,L.P., Dr. (F) M.S. University of Baroda Fatehganj Vadodara - 390 002 Gujarat	43.83	36
801	Role of normobaric oxygen therapy, fluoxetine & Transcranial Direct Current Stimulation (fTCDS) in Hypoxic Ischemic Brain Injury - HIBI initiative	DBT-R&D	Srivastava,P.V., Prof. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	106.03	60
802	Role of p53 translational isoforms & their responsive non coding RNAs in regulation of cellular gene expression	DBT-R&D	Das,S., Prof. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	72.85	36
803	Role of peroxiredoxin 3 & other redox-sensitive proteins in pesticide-induced Parkinsonism	DBT-R&D	Singh,M.P., Dr. (M) CSIR-Indian Institute of Toxicology Research Vishvigyan Bhawan, 31, Mahatma Gandhi Marg, P.O. Box No 80 Lucknow - 226 001 Uttar Pradesh	38.83	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
804	Role of PKC signaling in dictating naïve vs primed pluripotency	DBT-R&D	Dutta,D., Dr. (M) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	34.80	24
805	Role of structural plasticity & intrinsic dynamics of Cse4 in regulation of specialized nucleosome	DBT-R&D	Kumar,A., Prof. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	77.41	36
806	Role of Tau glycation in Alzheimer's disease	DBT-R&D	Chinnathambi,S., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Ward No.8, NCL Colony, Pashan Pune - 411 008 Maharashtra	51.82	36
807	Root development related signaling networks: Role of At N-myc down regulated like proteins & interacting patners	DBT-R&D	Mudgil,Y., Dr. (F) Delhi University Delhi - 110 007 Delhi	49.88	36
808	Screening lead molecules identified by structure-based rational drug design methods against cytochrome b5 reductase 3 & dopamine beta hydroxylase in spontaneously hypertensive rat models for antihypertensive effects	DBT-R&D	Kartha,C.C., Prof. (M) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	43.76	36
809	Screening lead molecules identified by structure-based rational drug design methods against cytochrome b5 reductase 3 & dopamine beta hydroxylase in spontaneously hypertensive rat models for antihypertensive effects	DBT-R&D	Kundu,S., Prof. (F) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	43.76	36
810	Selective isolation of sex specific spermatozoa in Bovines using novel biomarkers identified through an integrated proteomic & genomic approach	DBT-R&D	Tirumurugaan,K.G., Dr. (M) Tamil Nadu Veterinary & Animal Sciences University Madras Veterinary College Coimbatore - 641 051 Tamil Nadu	48.18	36
811	Selective isolation of sex specific spermatozoa in Bovines using novel biomarkers identified through an integrated proteomic & genomic approach	DBT-R&D	Arunachalam,A., Dr. (M) ICAR-National Institute of Animal Nutrition & Physiology Adugodi Bengaluru - 560 030 Karnataka	48.18	36
812	Self-propelled magnetically controlled nanorockets for transportation & pH triggered drug delivery	DBT-R&D	Banerjee,S., Dr. (M) Maharashtra University of Health Sciences Mahasrul, Dindori Road, , Anandvalli Nasik - 422 004 Maharashtra	41.59	36
813	Sequential anaerobic solar photo-fenton process for effective treatment of textile effluents	DBT-R&D	Rajaguru,P., Prof. (M) Anna University of Technology Tiruchirappalli - 600 025 Tamil Nadu	31.17	36
814	Serum microRNA panel as a potential biomarker for early diagnosis of Gall Bladder cancer - a step towards personalized prevention	DBT-R&D	Kapoor,V.K., Prof. (M) Sanjay Gandhi P.G. Institute of Medical Sciences Lucknow - 226 014 Uttar Pradesh	48.08	36
815	Setting up demonstration plant to convert 1 ton/day MSW into energy	DBT-R&D	Lali,A.M., Prof. (M) Institute of Chemical Technology Rafi Ahmed Kidwai Road Mumbai - 400 019 Maharashtra	670.39	24

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
816	Small molecular inducers of redox stress targeting antibiotic resistance	DBT-R&D	Chopra,S., Dr. (M) CSIR-Central Drug Research Institute Sitapur Road, Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	48.73	36
817	Small molecular inducers of redox stress targeting antibiotic resistance	DBT-R&D	Chakrapani,H., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, NCL Colony. Pashan Pune - 411 008 Maharashtra	48.73	36
818	Small molecule functionalized biopolymeric nanoparticles encapsulating SiRNA for targeted delivery to osteoblasts for managing bone disorders	DBT-R&D	Verma,A.K., Dr. (F) Kirorimal College Delhi University Delhi - 110 007 Delhi	67.56	36
819	Smart Hyaluronic acid - hydrogel hybrid for wound healing	DBT-R&D	Rajput,S.K., Dr. (M) Amity University Sector 125, Gautam Budha Nagar Noida - 201 303 Uttar Pradesh	40.85	36
820	Solid tumor targeting using homing peptides & plasmonic photothermal technique	DBT-R&D	Soni,S., Dr. (M) CSIR-Central Scientific Instruments Organization Sector 30 Chandigarh - 160 030 Chandigarh	42.15	36
821	Solid tumor targeting using homing peptides & plasmonic photothermal technique	DBT-R&D	Tyagi,H., Dr. (M) Indian Institute of Technology (Ropar) Nangal Road, Hussainpur, Rupnagar Ropar - 140 001 Punjab	42.15	36
822	Solid tumor targeting using homing peptides & plasmonic photothermal technique	DBT-R&D	Roy,S., Prof. (M) Bose Institute P1/12 CIT Road, Scheme VIIM, Kankurgachi Kolkata - 700 054 West Bengal	42.15	36
823	Solid tumor targeting using homing peptides & plasmonic photothermal technique	DBT-R&D	Srivastava,A., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	42.15	36
824	Solid tumor targeting using homing peptides & plasmonic photothermal technique	DBT-R&D	Mondhe,D.M., Dr. (M) CSIR-Indian Institute of Integrative Medicine Post Bag No. 3, Canal Road Jammu - 180 001 Jammu & Kashmir	42.15	36
825	Solvent tolerant protease from exiguobacterium sp. TBG - PICH01: Cost effective bioprocess development & functional characterization for inductrial applications	DBT-R&D	Khare,S.K., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	33.25	36
826	Solvent tolerant protease from exiguobacterium sp. TBG - PICH01: Cost effective bioprocess development & functional characterization for industrial applictions	DBT-R&D	Sugathan,S., Dr. (M) Jawaharlal Nehru Tropical Botanic Garden & Research Institute Palode Thiruvananthapuram - 695 562 Kerala	33.25	36
827	Spatio-temporal mapping of membrane deformation induced by amyloid-beta 40 during neurodegeneration	DBT-R&D	Saleem,M., Dr. (M) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	24.64	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
828	Spatio-temporal mapping of membrane deformation induced by amyloid-beta 40 during neurodegeneration	DBT-R&D	Chattopadhyay,K., Dr. (M) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	24.64	36
829	Strain property of a-synuclein fibrils: Implications in synucleinopathies	DBT-R&D	Maji,S.K., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	71.24	36
830	Structural & functional studies of novel carbohydrate active enzymes (Glycosyl Transferases (GTs) of mycobacterium	DBT-R&D	Sharma,U., Dr. (F) Jawaharlal Nehru University Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	46.46	36
831	Structural & molecular approach of targeting Bcl-2 family anti apoptotic proteins	DBT-R&D	Gromiha,M., Prof. (M) Indian Institute of Technology (Madras) Chennai - 600 023 Tamil Nadu	41.85	36
832	Structural basis of human Regulator of Telomere Length1 (RTEL1) protein functions in telomore maintenance	DBT-R&D	Singh,M., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	70.27	36
833	Structural characterization & inhibitor development of HEV-Methyltransferase	DBT-R&D	Gourinath,S., Dr. (M) Jawaharlal Nehru University Aruna Asaf Ali Mrg New Delhi - 110 067 Delhi	22.50	36
834	Structural characterization & inhibitor development of HEV-Methyltransferase	DBT-R&D	Sehgal,D., Prof. (M) Shiv Nadar Foundation Corporate Tower, Plot No 3A, SEZ, Sector 10 Noida - 201 303 Uttar Pradesh	22.50	36
835	Structural characterization of dye-decolorizing peroxidase enzyme from bacillus subtillis & pseudomonas putida with an aim for bioremediation of industrial wastewater	DBT-R&D	Kumar,P., Dr. (M) Indian Institute of Technology (Roorkee) Haridwar Highway Roorkee - 247 667 Uttarakhand	37.30	36
836	Structural characterization of White Spot syndrome viral enzymes inolved in nucleotide synthesis	DBT-R&D	Vasudevan,D., Dr. (M) Institute of Life Sciences Nalco Square Bhubaneswar - 751 023 Odisha	53.24	36
837	Structural studies on pilus proteins from Lactobacillus ruminis	DBT-R&D	Vengadesan,K., Dr. (M) Regional Centre for Biotechnology NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	44.52	36
838	Structural studies on protozoal DNA damage inducible protein1 (Ddi1), a potential drug target	DBT-R&D	Kaza,S., Prof. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	58.40	36
839	Structure & mechanism of FleQ, master regulator of transcription of flagellar & biofilm genes in pseudomonas	DBT-R&D	Jain,D., Dr. (F) Regional Centre for Biotechnology NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	70.34	36
840	Structure of microbial communities of the reef building coral proites lutea, pathogenesis & differential coral immune gene expression in the context of changing environment quality	DBT-R&D	Ravindran,C., Dr. (M) CSIR-National Institute of Oceanography Dona Paula - 403 004 Goa	62.42	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
841	Structure, domain architecture & interactions of PSMD9, an NFKB activator	DBT-R&D	Venkatraman,P., Dr. (M) Advanced Centre for Treatment Research & Education in Cancer Sector 22, Utsav Chowk - CISF Road, Kharghar Navi Mumbai - 410 210 Maharashtra	67.76	36
842	Studies on placental regulatory mechanisms in abnormal pregnancies & exosome specific metabolomic signatures in adverse pregnancy outcomes	DBT-R&D	Kshetrapal,P., Dr. (F) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway, Faridabad - 121 001 Haryana	30.58	24
843	Studies on relationship between calcium homeostatis & energy utilization in pregnant & lactating animals: Insights into etiology of milk fever condition	DBT-R&D	Rudraiah,M., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	76.66	36
844	Studies on role of inflammatory pathways in acute lung injury mediated cognitive impairment in mice: Potential benefical effects of poly (ADP-ribose) polymerase inhibition	DBT-R&D	Naura,A.S., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	56.29	36
845	Studies on the development of DNA aptamers from cell-selex for their application as anti-cancer agents	DBT-R&D	Kaushik,S., Dr. (F) National Institute of Pharmaceutical Education & Research Nits Mirza Road, Parlli Part Guwahati - 781 125 Assam	43.39	36
846	Studies on the microbial heavy metal stress responses for the development of an ideal concoction for the biosynthesis of multi-functional bio-compatible chalcogenide Quantum Dots (QDs)	DBT-R&D	Jacob,J.M., Dr. (F) Sree Buddha College of Engineering Pattoor, P.O. Padanilam, Noornad Alappuzha - 690 571 Kerala	48.48	36
847	Studies on the role of Insulin signalling in mitigation of human poly (Q) induced neurodegeneration in Drosophila disease models	DBT-R&D	Sarkar,S., Dr. (M) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	55.90	36
848	Study of molecular basis of fruit morphology variation in Assam lemon through genomic approach	DBT-R&D	Banu,S.B., Dr. (F) Gauhati University Kamrup Guwahati - 781 014 Assam	44.33	36
849	Study of novel membrane active peptides from marine organisms & their applications in human theragnostics	DBT-R&D	Chugh,A., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	51.35	36
850	Study of TCR mediated proximal & distal T cell signaling events in peripheral blood & pleural fluid of TB pleurisy patients	DBT-R&D	Sharma,B., Dr. (F) ICMR-National Jalma Institute for Leprosy & other Mycobacterial Diseases Dr. M. Miyazaki Marg, Forest Colony, Tajganj Agra - 282 001 Uttar Pradesh	27.93	36
851	Study of urinary expsome as a predictive biomarker for podocyic injury in childhood idiopathic nephrotic syndrome	DBT-R&D	Singh,G., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	76.17	36
852	Study of vascular wilt responsive proteome in chickpea-fusarium	DBT-R&D	Kundu,S., Dr. (F) National Institute of Plant Genome Research Aruna Asaf Ali Marg, P.O. Box No. 10531 New Delhi - 110 067 Delhi	38.77	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
853	Study on neuronal iron release component by dopamine	DBT-R&D	Mukhopadhyay,C.K., Prof. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	88.81	36
854	Study on the enteroaggregative Escherichia coli induced mdoulation of glycosylation of cultured human intestinal epithelial cells	DBT-R&D	Ghosh,S., Dr. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	37.54	36
855	Study on the role of TLR-4 signaling in Breast cancer progression	DBT-R&D	Basu,A., Dr. (M) Burdwan University Rajbani Burdwan - 713 104 West Bengal	81.31	36
856	Study the role of exosome mediated transfer of miRNAs & its role in modulation of mitochondrial function & cell death in Parkinson's disease	DBT-R&D	Singh,R., Dr. (M) M.S. University of Baroda Vadodara - 390 002 Gujarat	52.33	36
857	Study the role of T cell Receptor Excision Circle (TREC) assay in diagnosis of various combined immunodeficiency disorders	DBT-R&D	Madkalkar,M.R., Dr. (F) ICMR-National Institute of Immunohaematology 13th Floor, KEM Hospital Campus, Parel Mumbai - 400 012 Maharashtra	36.98	36
858	Study the role of Trim Family proteins in regulation of TNF a mediated NF-?B pathway in human cells	DBT-R&D	Singh,R., Dr. (M) M.S. University of Baroda Fatehganj Vadodara - 390 002 Gujarat	69.70	36
859	Studying the mechanism of host adaptation by Campylobacter jejuni & developing strategies to control enteric commensalism in chicken	DBT-R&D	Mallick,A.I., Dr. (M) Indian Institute of Science Education & Research (Kolkata) 35/1, 2nd Avenue, DC Block, Sector, Bidhannagar Kolkata - 700 065 West Bengal	33.72	36
860	Studying the mechanisms of neuroprotection by noradrenaline, SG2NA & DJ-1 axis	DBT-R&D	Goswami,S.K., Prof. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	54.24	36
861	Surface modified nanocarrier formulations of kaempferol co-loaded with paclitaxel for enahanced anti-cancer effect	DBT-R&D	Mishra,N., Ms. (F) CSIR-Central Institute of Medicinal & Aromatic Plants Lucknow - 226 015 Uttar Pradesh	48.41	36
862	Synthesis & MR Image investigation on MRI contrast agent-entrapped mesoporous silica nanoparticles	DBT-R&D	Mukherjee,C., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	69.00	36
863	Synthesis, characterisation & evaluation of ciprofloxacin & gentamicin loaded solid lipid-chitosan composite nanoparticles for the treatment of mastitis in dairy animal	DBT-R&D	Yadav,A.B., Dr. (M) Allahabad University Allahabad - 211 002 Uttar Pradesh	66.38	36
864	Synthesis, characterisation & evaluation of ciprofloxacin & gentamicin loaded solid lipid-chitosan composite nanoparticles for the treatment of mastitis in dairy animal	DBT-R&D	Sharma,N., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Chatha Road Jammu - 181 101 Jammu & Kashmir	66.38	36
865	Syntrophin mediated signaling disturbances in beta-Amyloid treated neuronal cells	DBT-R&D	Khanday,F.A., Dr. (M) Kashmir University Srinagar - 190 006 Jammu & Kashmir	62.72	36
866	Systematic transcript profiling & functional analysis of key regulators during rice crown root development	DBT-R&D	Yadav,S.R., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	79.28	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
867	Systems biology & computational drug discovery for Mycobacterium Tuberculosis active infection	DBT-R&D	Mishra,S., Dr. (F) Hyderabad University Gachibowli Hyderabad - 500 046 Telangana	39.89	36
868	Targeted multi-functional microspheres & nanofibers for cartilage regeneration	DBT-R&D	Santhagunam,A., Dr. (F) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	40.00	36
869	Targeting pro-apoptotic peptide for PAR1 mediated programmed cell death in colon cancer cells	DBT-R&D	Ray,T., Dr. (F) ICMR-National Institute of Cholera & Enteric Diseases P-33, C.I.T. Road, Scheme XM Beleghata Kolkata - 700 010 West Bengal	35.34	36
870	Temporal targeting of siRNA therapeutics to Gastrointestinal Tract (GIT) using chimeric nanogels	DBT-R&D	Bajaj,A., Prof. (M) Regional Centre for Biotechnology Melarannoor Road, Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	84.31	36
871	The human gut & eye microbiome: An insight into eye infections	DBT-R&D	Shivaji,S., Dr. (F) L.V. Prasad Eye Institute L.V. Prasad Marg, Banjara Hills Hyderabad - 500 034 Telangana	33.46	24
872	The induction of compensatory neural circuitries & the role of NMDA receptor & sleep in consolidation of conxt-FC	DBT-R&D	Jha,S.K., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	50.03	36
873	The role of intracellular calcium signaling in matrix-mediated differentiation of mesenchymal stem cells	DBT-R&D	Giri,L., Dr. (F) Indian Institute of Technology (Hyderabad) Near NH 65, Kandi Sangareddy - 502 285 Telangana	19.99	36
874	The role of intracellular calcium signaling in matrix-mediated differentiation of mesenchymal stem cells	DBT-R&D	Samavedi,S., Dr. (M) Indian Institute of Technology (Hyderabad) Near NH 65, Kandi Sangareddy - 502 285 Telangana	19.99	36
875	The study of SMAC mimetic as a potential therapy in regression of fibrosis/cirrhosis in chronic liver injury	DBT-R&D	Biswas,S., Prof. (M) Amity University Sector 125, Gautam Budha Nagar Noida - 201 303 Uttar Pradesh	60.53	36
876	Theoretical & empirical investigations on the interaction of predictability, periodicity of fluctutations & bottleneck size in affecting microbial evolution	DBT-R&D	Dey,S., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, NCL Colony, Pashan Pune - 411 008 Maharashtra	67.04	36
877	Therapeutic outcomes with second-line drug exposures in a cohort of South African & Indian patients with drug resistance TB: A pharmacokinetic-pharmacodynamic assessment	DBT-R&D	Ashavaid,T.F., Dr. (M) P.D. Hinduja National Hospital & Medical Research Centre S.V.S. Road, Asavari, Mahim Mumbai - 400 016 Maharashtra	179.92	36
878	To determine the role of Ikzf1 gene & various IKAROS isoforms in pathogenesis of B cell Acute Lymphoblastic Leukemia (B-ALL) in Indian pediatric population	DBT-R&D	Purkayastha,K., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	65.39	36
879	To evaluate effects of viltage gated sodium channel modulators on electrophysiological response of I plexiform cells of a mammalian retinal tissue: First steps towards a chemoretina	DBT-R&D	Pai,A.V., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	30.39	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
880	To evaluate the antifungal efficacy of Polyherbal Super critical Fluid Extract (PHSFE) loaded in Emulgel against candida albicana in geriatric denture wearers	DBT-R&D	Gowda,D.V., Dr. (M) J.S.S. College of Pharmacy Near Fire Station, Shivarathreeshwara Nagar Mysore - 570 015 Karnataka	30.53	36
881	To evaluate the role of Kruppel Like Factor 1 (KLF1) & other genetic factors with hereditary persistence of fetal hemoglobin & Thalassemia intermedia	DBT-R&D	Das,R., Dr. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	24.90	36
882	To evaluate the role of Kruppel Like Factor 1 (KLF1) & other genetic factors with hereditary persistence of fetal hemoglobin & Thalassemia intermedia	DBT-R&D	Singh,R., Dr. (M) Panjab University Chandigarh - 160 014 Chandigarh	24.90	36
883	To investigate & evaluate the functional impacts of genome wide copy number variations in pharmaco-resistant Epilepsy	DBT-R&D	Tripathi,M., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	80.04	36
884	To investigate whether regulation of msucle mithochondrial function is associated with the growth in cultivable fish	DBT-R&D	Saikia,S.K., Dr. (M) Visva Bharati University Birbhum Santiniketan - 731 023 West Bengal	47.31	36
885	To model the effect of mutations of HCN channels in neuronal excitability & impact of Gababr on GIRK & HCN mutations using neuron	DBT-R&D	Anirudhan,A., Dr. (M) Sree Chitra Tirunal Institute for Medical Sciences & Technology Jai Nagar W. Road, Chalakkuzhi Thiruvananthapuram - 695 011 Kerala	14.78	36
886	To study the macrophage function in T cell-deficient mice & its underlying mechanisms in context of Mycobacterium Tuberculosis infection	DBT-R&D	Bhasskar,S., Dr. (F) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	60.95	36
887	To study the role of autophagy in glioma stem cells as a potential target for chemotherapeutic agents	DBT-R&D	Tiwari,M., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	41.12	36
888	To study the role of H.pylori driven inflammatory responses in the setting of HIV infection	DBT-R&D	Chaturvedi,R., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	11.66	36
889	To study the role of H.pylori driven inflammatory responses in the setting of HIV infection	DBT-R&D	Dandu,H., Dr. (M) King George's Medical University Shah Mina Road, Chowk Lucknow - 226 003 Uttar Pradesh	11.66	36
890	To study the role of H.pylori driven inflammatory responses in the setting of HIV infection	DBT-R&D	Tandon,R., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	11.66	36
891	To study the role of mesenchymal stem cells in pathogenesis of Tuberculosis in bone marrow	DBT-R&D	Sonawane,A., Dr. (M) Kalinga Institute of Industrial Technology University 21, K.G. Marg, Janpath, Connnaught Place New Delhi - 110 001 Delhi	59.75	36
892	To study the role of Tumor Micro-Environment (TME) in the pathogenesis of Hepatocellular Carcinoma (HCC) & prediction of potent therapeutic target	DBT-R&D	Banerjee,S., Dr. (F) Institute of Post Graduate Medical Education & Research & S.S.K.M. Hospital 244 A. J.C. Bose Road Kolkata - 700 020 West Bengal	41.77	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
893	To understand the role of cytoplasmic linker protein -170 in the down-regulation of TLR4 signaling	DBT-R&D	Radhakrishnan,G.K., Dr. (M) National Institute of Animal Biotechnology Opp. Journalist Colony, Q City Road, Gachibowli Hyderabad - 500 032 Telangana	65.35	36
894	To understand the role of Fts EX in coordinating the cell division with the membrane cleavage in E. coli	DBT-R&D	Beuria,T.K., Dr. (M) Institute of Life Sciences Nalco Square, Nalco Nagar, Chandrasekharpur Bhubaneswar - 510 023 Odisha	65.11	36
895	Towards differential diagnosis of Tuberculosis at extrapulmonary sies using blood based gene signatures	DBT-R&D	Gandotra,S., Dr. (F) CSIR-Institute of Genomics & Integrative Biology Pocket 8, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	26.09	36
896	Towards differential diagnosis of Tuberculosis at extrapulmonary sies using blood based gene signatures	DBT-R&D	Gokhale,R.S., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	26.09	36
897	Towards differential diagnosis of Tuberculosis at extrapulmonary sies using blood based gene signatures	DBT-R&D	Rao,V., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	26.09	36
898	Towards differential diagnosis of Tuberculosis at extrapulmonary sites using blood based gene signatures	DBT-R&D	Michael,J.S., Dr. (M) Christian Medical College Vellore - 632 002 Tamil Nadu	26.09	36
899	Training cum demonstration on nano technological & precision farming intervension for elite tulip & hyacinth bulb production for economic upliftment in rural Kashmir	DBT-R&D	Masoodi,B.H., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar, Badgam Srinagar - 190 019 Jammu & Kashmir	30.00	24
900	Transcriptional factor SIRT/REST/PGC-1a axis in regulation of neural stem cells differentiation for induction of 'brain self repair' in Alzheimmer's disease	DBT-R&D	Chaturvedi,R.K., Dr. (M) CSIR-Indian Institute of Toxicology Research Vishvigyan Bhawan, 31, Mahatma Gandhi Marg, P.O. Box No 80 Lucknow - 226 001 Uttar Pradesh	39.73	36
901	Transcriptional regulator RegX3-dependent modulation of the macrophage immune response by Mycobacterium Tuberculosis	DBT-R&D	Kundu,M., Prof. (F) Bose Institute P1/12 CIT Road, Scheme VIIM, Kankurgachi Kolkata - 700 054 West Bengal	61.84	36
902	Transcriptomic analysis of Usnea sp. for the retrieval of genes involved synthesis of therapeutically useful lichen metabolites	DBT-R&D	Joshi,S., Dr. (F) Central University of Gujarat Sector 29 Gandhinagar - 382 030 Gujarat	35.67	36
903	Translational genomics of paediatric eye diseases	DBT-R&D	Devarajan,B., Dr. (M) Aravind Medical Research Foundation Aravind Eye Hospital, Kuruvikaran Salai, Anna Nagar Madurai - 625 020 Tamil Nadu	188.62	60
904	Translational genomics of paediatric eye diseases	DBT-R&D	Periasamy,S., Dr. (M) Aravind Medical Research Foundation Aravind Eye Hospital, Kuruvikaran Salai, Anna Nagar Madurai - 625 020 Tamil Nadu	188.62	60
905	Translational genomics of paediatric eye diseases	DBT-R&D	Ayyasamy,V., Dr. (M) Aravind Medical Research Foundation Aravind Eye Hospital, Kuruvikaran Salai, Anna Nagar Madurai - 625 020 Tamil Nadu	188.62	60

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
906	Translational research centre on Triple Negative Breast Cancer (TNBC)	DBT-R&D	Reshmi,G., Dr. (F) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Behind Central Jail Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	53.17	36
907	Translational research centre on Triple Negative Breast Cancer (TNBC)	DBT-R&D	Kumar,T.R.S., Dr. (M) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Behind Central Jail Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	53.17	36
908	Translational research centre on Triple Negative Breast Cancer (TNBC)	DBT-R&D	Sreeja,S., Dr. (F) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Behind Central Jail Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	53.17	36
909	Translational research centre on Triple Negative Breast Cancer (TNBC)	DBT-R&D	Lakshmi,S., Dr. (F) Regional Cancer Centre Thiruvananthapuram - 695 001 Kerala	53.17	36
910	Translational research centre on Triple Negative Breast Cancer (TNBC)	DBT-R&D	Harikumar,K.B., Dr. (M) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	53.17	36
911	Translational research centre on Triple Negative Breast Cancer (TNBC)	DBT-R&D	Pillai,R.M., Prof. (M) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Behind Central Jail Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	53.17	36
912	Translational research centre on Triple Negative Breast Cancer (TNBC)	DBT-R&D	Sujathan,K., Dr. (F) Regional Cancer Centre Thiruvananthapuram - 695 001 Kerala	53.17	36
913	Translational research program on Gastrointestinal bacterial pathogens	DBT-R&D	Mohanty,P.S., Dr. (F) Kalinga Institute of Industrial Technology University 21, K.G. Marg, Janpath, Connnaught Place New Delhi - 110 001 Delhi	116.68	36
914	Translational research program on Gastrointestinal bacterial pathogens	DBT-R&D	Suar,M., Dr. (M) Kalinga Institute of Industrial Technology University 21, K.G. Marg, Janpath, Connnaught Place New Delhi - 110 001 Delhi	116.68	36
915	Triploid rainblow trout (oncorhychus mykiss) production for aquaculture enahancement & ecological risk management	DBT-R&D	Pandey,N., Dr. (M) ICAR-Directorate of Coldwater Fisheries Research Anusandhan Bhawan, Industrial Area, Nainital Bhimtal - 263 136 Uttarakhand	68.46	36
916	Tuberculosis diagnostics based on Mycobacterial Glycolipid-protein interactions	DBT-R&D	Mukherjee,R., Dr. (M) Indian Institute of Science Education & Research (Tirupati) Karakambadi Road, Rami Reddy Nagar, Mangalam Tirupati - 517 507 Andhra Pradesh	40.51	36
917	Tuberculosis diagnostics based on Mycobacterial Glycolipid-protein interactions	DBT-R&D	Hotha,S., Prof. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, NCL Colony. Pashan Pune - 411 008 Maharashtra	40.51	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
918	Tumor associated carbohydrate antigen conjugated gold nanoparticles of different morphologies: A potential cancer vaccine platform	DBT-R&D	Chaudhary,P.M., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, NCL Colony, Pashan Pune - 411 008 Maharashtra	47.73	36
919	Understanding epigenetic regulation of chemoresistance pathways in ovarian cancers to develop new therapeutic approaches	DBT-R&D	Agarwal,P., Dr. (F) Amity University Sector 125, Gautam Budha Nagar Noida - 201 303 Uttar Pradesh	36.77	36
920	Understanding follicular angiogenesis in women with Polycystic Ovary Syndrome (PCOS)	DBT-R&D	Mukherjee,S., Dr. (F) ICMR-National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	43.47	36
921	Understanding HPV 16 E7 mediated gene regulatory mechanisms in HPV 16 related Cervical cancer pathogenesis	DBT-R&D	Sengupta,S., Prof. (F) National Institute of Biomedical Genomics Kalyani - 741 251 West Bengal	79.82	36
922	Understanding in-situ dynamics of provincial innate immune response during reproductive salmonellosis in chicken for considering future practice of anal (cloacal) mucosal vaccination	DBT-R&D	Deshmukh,S., Dr. (M) Guru Angad Dev Veterinary & Animal Science University 20, Ludhiana Road, A Block Aggar Nagar Ludhiana - 141 012 Punjab	35.08	36
923	Understanding intra-specific patterns of gene flow in representative Littoraria & Conus species through species traits, habitat distribution & ocean currents	DBT-R&D	Guttal,V., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	80.51	36
924	Understanding key proteins/enzymes of probiotic lactobacilli involved in beta-manno-oligisaccharides catabolism	DBT-R&D	Kapoor,M., Dr. (M) CSIR-Central Food Technological Research Institute Cheluvamba Mansion, Valmiki Road, Kajjihundi Mysore - 570 020 Karnataka	32.99	36
925	Understanding molecular mechanism of action of a protein chaperone inducer azadiradione & its therapeutic development	DBT-R&D	Pal,M., Dr. (M) Bose Institute P1/12 CIT Road, Scheme VIIM, Kankurgachi Kolkata - 700 054 West Bengal	36.02	36
926	Understanding protein machinery involved in segregation of prokaryotic organelles in human Malaria parasite plasmodium falciparum	DBT-R&D	Thakur,V., Ms. (F) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg, New Delhi - 110 067 Delhi	34.41	36
927	Understanding regulation of synaptic morphogenesis & function by N-Bar & SH3 domain containing Aster-Associated Protein (ASAP)	DBT-R&D	Kumar,V., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bhopal Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	60.81	36
928	Understanding signaling mechanism of inflammation in teleost channa punctatus	DBT-R&D	Roy,B., Dr. (F) Maitreyi College Hanakyapuri, Chanakyapuri New Delhi - 110 021 Delhi	35.84	36
929	Understanding structural & dynamic basis for adaptive targeting of dsRNAs comprising of corrupted helices by TAR RNA Binding Proteins (TRBP)	DBT-R&D	Chugh,J., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, NCL Colony, Pashan Pune - 411 008 Maharashtra	64.94	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
930	Understanding structural basis for the biological specificity of proteolytic regulators of human meprins & bone morphogenic protein 1	DBT-R&D	Chakraborty,S., Dr. (F) West Bengal State University Berunanpukuria, P.O. Malikapur, North 24 Parganas Kolkata - 700 126 West Bengal	38.85	36
931	Understanding the assembly of nuclear export complex on HBV RNAs	DBT-R&D	Ghosh,S., Dr. (M) Calcutta University Kolkata - 700 073 West Bengal	49.25	36
932	Understanding the DNA damage tolerance pathways & their mechanisms in mammalian	DBT-R&D	Nagaraju,G., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	77.34	36
933	Understanding the epigenetics of gene regulation in muller glia dedifferentiation & stem cells induction during retina regeneration in zebrafish	DBT-R&D	Ramachandran,R., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.S.A. Nagar Mohali - 140 306 Punjab	64.60	36
934	Understanding the functional role of ser/thr phosphatase PHLPP in inflammation/ER stress induced Insulin resistance	DBT-R&D	Phanithi,P.B., Prof. (M) Hyderabad University Gachibowli Hyderabad - 500 046 Telangana	36.01	36
935	Understanding the functional role of ser/thr phosphatase PHLPP in inflammation/ER stress induced Insulin resistance	DBT-R&D	Parsa,K., Dr. (M) Dr. Reddy Institute of Life Sciences Gachibowli Hyderabad - 500 019 Telangana	36.01	36
936	Understanding the machinery involved in positioning a unique motif of helicobacter pylori arginase & its implication to design a novel class of inhibitors	DBT-R&D	Sau,A.K., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	44.54	36
937	Understanding the molecular mechanisms of dual modifications (Acetylation & Methylation) of Tau in Alzheimer's disease	DBT-R&D	Chinnathambi,S., Prof. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Ward No.8, NCL Colony, Pashan Pune - 411 008 Maharashtra	68.27	36
938	Understanding the role of BBX 21 & BBX 24, two key regulators of photomorphogenesis with opposite functions	DBT-R&D	Datta,S., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bhopal Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	60.80	36
939	Understanding the role of Hyperglycemia on kidney iron homeostasis	DBT-R&D	Mukhopadhyay,C.K., Prof. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	55.90	36
940	Understanding the role of microRNAs in governing regeneration polarity in Schmidtea mediterranea	DBT-R&D	Nayyar,N., Dr. (F) Institute for Stem Cell Biology & Regenerative Medicine Post Bellary Road	37.49	36
941	Understanding the role of Regulatory particle non-ATPase3 (Rpn3) in collective cell migration: In vivo studies using border cell in Drosophila	DBT-R&D	Prasad,M., Dr. (M) Indian Institute of Science Education & Research (Kolkata) 35/1, 2nd Avenue, DC Block, Sector 1 Kolkata - 700 065 West Bengal	44.24	36
942	Understanding the role of Vgl1 in transcriptional gene silencing	DBT-R&D	Bhat,M.A., Dr. (M) Kashmir University Srinagar - 190 006 Jammu & Kashmir	36.63	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
943	Understanding the roles of ClpX & ClpC1 components of Clp proteolytic machinery in Mycobacterium Tuberculosis	DBT-R&D	Agarwal,N., Dr. (M) Translational Health Science & Technology Institute 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	72.35	36
944	Understanding the therapeutic role of adult stem cell derived exposome in combating virus induced neurodegenerative disease	DBT-R&D	Mohanty,S., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	27.13	36
945	Understanding the therapeutic role of adult stem cell derived exposome in combating virus induced neurodegenerative disease	DBT-R&D	Basu,A., Dr. (M) National Brain Research Centre NH-B, Manesar Gurgaon - 122 051 Haryana	27.13	36
946	Understanding the therapeutic role of adult stem cell derived exposome in combating virus induced neurodegenerative disease	DBT-R&D	Banerjee,A., Dr. (M) Translational Health Science & Technology Institute NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana	27.13	36
947	Unraveling the role of mTORC2 in regulation of sphingolipid biosynthesis in breast cancer progression	DBT-R&D	Gupta,U.D., Dr. (F) Amity University Amity Education Valley, Manesar, Panchgaon Gurgaon - 122 413 Haryana	54.53	36
948	Unravelling the genetic architecture of Diabetic retinopathy in south India	DBT-R&D	Mathavan,S., Prof. (M) Vision Research Foundation Chennai - 600 006 Tamil Nadu	120.94	36
949	Unveiling the role of HDAC6: A multipronged approach to restrict breast cancer metastasis	DBT-R&D	Kapoor,S., Dr. (F) Amity University Sector 125, Gautam Budha Nagar Noida - 201 303 Uttar Pradesh	29.24	36
950	Use of silk from northeast India for culture & transplantation of corneal endothelial cells	DBT-R&D	Ramachandran,C., Dr. (F) L.V. Prasad Eye Institute L.V. Prasad Marg, Banjara Hills Hyderabad - 500 034 Telangana	21.83	24
951	Use of silk from northeast India for culture & transplantation of corneal endothelial cells	DBT-R&D	Mandal,B.B., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 029 Assam	21.83	24
952	Using bioimprinted lipase in low water media for design & synthesis of healthier edible oils	DBT-R&D	Kumari,S., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	33.36	36
953	Using magnetic nanoswimmers to target & destroy the Ovarian cancer metastatic niche	DBT-R&D	Ghosh,A., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	138.82	36
954	Utilization of chia seeds (Salvia hispanica L.) for the development of functional foods	DBT-R&D	Rafiq,A., Dr. (F) Islamic University of Science & Technology One University Avenue, Awantipora Pulwama - 192 122 Jammu & Kashmir	33.80	36
955	Utilizing genome editing tools for nutritional improvement in wheat	DBT-R&D	Tiwari,S., Dr. (M) National Agri-Food Biotechnology Institute Sector 81, Sahibzada Ajit Singh Nagar Mohali - 140 306 Punjab	28.96	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
956	Utilizing genome editing tools for nutritional improvement in wheat	DBT-R&D	Upadhyay,S.K., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	28.96	36
957	Utilizing genome editing tools for nutritional improvement in wheat	DBT-R&D	Pandey,A.K., Dr. (M) National Agri-Food Biotechnology Institute Sector 81, Sahibzada Ajit Singh Nagar Mohali - 140 306 Punjab	28.96	36
958	Vaccination & protection studies for a targeted nanoparticulate oral vaccine against Shigellosis	DBT-R&D	Koley,H., Dr. (M) ICMR-National Institute of Cholera & Enteric Diseases P-33, CIT Road, Scheme XM, Beleghata Kolkata - 700 010 West Bengal	15.90	18
959	Vaccination & protection studies for a targeted nanoparticulate oral vaccine against Shigellosis	DBT-R&D	Katti,D.S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	15.90	18
960	Validation & optimization of artifical infection method for agarwood production & its use in economic development of local tribes of north eastern India	DBT-R&D	Kaushik,N., Dr. (F) The Energy & Resources Institute Darbari Seth Block, Indian Habitat Centre Complex, Lodhi Road New Delhi - 110 003 Delhi	39.50	36
961	Validation of molecular diagnostics & vaccine for classical Swine fever	DBT-R&D	Kumanan,K., Dr. (M) Madras Veterinary College Chennai - 600 007 Tamil Nadu	34.96	24
962	Validation of novel bio-signature for diagnosis of active Pulmonary Tuberculosis in children	DBT-R&D	Singh,V.B., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	38.50	12
963	Validation of novel Non-Invasive method for measuring beat-to-bet Blood Pressure variability in humans (CMC NIBP) & estimation of compliance & resistance of the arterial system in humans & animals using a new Algorithm (RC cal)	DBT-R&D	Subramani,S., Prof. (F) Christian Medical College Vellore - 632 002 Tamil Nadu	74.72	36
964	Value-addition by generating stable lines of ornamental transgenic freshwater-fishes	DBT-R&D	Barman,H.K., Dr. (M) ICAR-Central Institue of Freshwater Aquaculture Kausalyaganga Bhubaneswar - 751 002 Odisha	60.56	36
965	Virtual National Oral Cancer Institute	DBT-R&D	Kumar,R.V., Dr. (F) Kidwai Memorial Institute of Oncology Dr. M.H. Marigowada Road Bengaluru - 560 029 Karnataka	55.52	36
966	Virtual National Oral Cancer Institute	DBT-R&D	Maliekal,T.T., Dr. (F) Rajiv Gandhi Centre for Biotechnology Melarannoor Road, Poojapura, Thycaud Thiruvananthapuram - 695 014 Kerala	55.52	36
967	Virtual National Oral Cancer Institute	DBT-R&D	Majumder,P.P., Prof. (M) National Institute of Biomedical Genomics Kalyani - 741 251 West Bengal	55.52	36
968	Virtual National Oral Cancer Institute	DBT-R&D	Kar,M., Dr. (M) Kalinga Institute of Industrial Technology University 21, K.G. Marg, Atul Grove Road, Janpath, Connnaught Place New Delhi - 110 001 Delhi	55.52	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
969	Virtual National Oral Cancer Institute	DBT-R&D	Pal,D., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	55.52	36
970	Virtual National Oral Cancer Institute	DBT-R&D	Banerjee,B., Dr. (M) Kalinga Institute of Industrial Technology University 21, K.G. Marg, Atul Grove Road, Janpath, Connnaught Place New Delhi - 110 001 Delhi	55.52	36
971	Virtual National Oral Cancer Institute	DBT-R&D	Sadasivam,S., Dr. (F) Institute for Stem Cell Biology & Regenerative Medicine GKVK - Post Bellary Road	55.52	36
972	Virtual National Oral Cancer Institute	DBT-R&D	Rangarajan,A., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	55.52	36
973	Virtual National Oral Cancer Institute	DBT-R&D	Chatterjee,A., Prof. (M) North-Eastern Hill University Shillong - 793 022 Meghalaya	55.52	36
974	Virtual National Oral Cancer Institute	DBT-R&D	Pyne,S., Prof. (F) Indian Institute of Public Health Plot No 1, Road No. 44, Masthan Nagar, Kavluri Hills, Madhapur Hyderabad - 500 033 Telangana	55.52	36
975	Virtual National Oral Cancer Institute	DBT-R&D	Gopinath,K.S., Dr. (M) Bangalore Institute of Oncology 44-45/2, 2nd Cross, Raja Rammohan Roy Ext.Off. Lalbag Double Road Bengaluru - 560 027 Karnataka	55.52	36
976	Virtual National Oral Cancer Institute	DBT-R&D	Subramanian,R., Prof. (M) Institute for Stem Cell Biology & Regenerative Medicine GKVK - Post Bellary Road	55.52	36
977	Virtual National Oral Cancer Institute	DBT-R&D	Kundu,T.K., Prof. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Rachenahalli Lake Road, Jakkur Bengaluru - 560 064 Karnataka	55.52	36
978	Whole genome sequence based SSR markers development & their utilization in mapping of bittergourd Yellow Mosaic virus resistance in bittergourd	DBT-R&D	Sarao,N.K., Dr. (F) Punjab Agricultural University Ludhiana - 141 001 Punjab	27.50	36
979	Whole genome sequence based SSR markers development & their utilization in mapping of bittergourd Yellow Mosaic virus resistance in bittergourd	DBT-R&D	Pathak,M., Dr. (F) Punjab Agricultural University Ludhiana - 141 001 Punjab	27.50	36
980	X-ray crystallographic & other investigations on selected under -explored proteins involve in the maintenance of the structural & functional integrity of nucleic acids	DBT-R&D	Vijayan,M., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	70.45	36
981	Biofilm & quorum sensig inhibitory phytochemicals for the control of food-borne pathogens in fruits & vegetables	DRDO-ER&IPR	Rai,R.V., Dr. (M) Professor Mysore University Mysore - 570 006 Karnataka	18.20	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
982	Cyanobacteria as bioreactor for the synthesis of nanoparticles	DRDO-ER&IPR	Fatima,T., Prof. (F) Jamia Millia Islamia Jamia Nagar New Delhi - 110 025 Delhi	89.44	36
983	Exome sequencing based detection of novel & causal mutation(s) associated with Juvenile Onset open Angle Glaucoma (JOAG)	DRDO-ER&IPR	Gupta,V., Dr. (M) Professor All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	68.03	36
984	Alternative oxidase - a tool to increase bio-mass productivity under temperature and flooding stress	DST-IBC	Kapuganti,J.G., Mr. (M) National Institute of Plant Genome Research Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	11.13	36
985	Belgian-Indian networking in the field of the GMO research & analysis	DST-IBC	Randhawa,G., Dr. (M) ICAR-National Bureau of Plant Genetic Resources Pusa Campus New Delhi - 110 012 Delhi	15.94	36
986	Bio-cleaning for cultural heritage	DST-IBC	Gill,M.S., Dr. (M) Primaacs Project Consultants LLP Sector 18, Gautam Buddha Nagar Noida - 201 301 Uttar Pradesh	7.50	36
987	Bio-cleaning for cultural heritage	DST-IBC	Menon,S., Mr. (M) Heritage Conservation Management Services LG 42, Ansal Fortune Arcade, Sector 18 Noida - 201 301 Uttar Pradesh	7.50	36
988	Bioprospecting endolichenic fungi from mangroves in Negombo Lagoon in Sri lanka and Gulf of Khambat, Gulf of Kutch from Gujarat India; An untapped treasure trove for discovery of special structures and bioactive compounds	DST-IBC	Kamble,B., Dr. (F) National Institute of Pharmaceutical Education & Research Opposite Air force Station, Palaj Gandhinagar - 382 355 Gujarat	24.19	24
989	Biorefinery platform with integrated bioprocess in a self- sustained closed loop for multi- biobased product output	DST-IBC	Mohan,S.V., Dr. (M) CSIR-Indian Institute of Chemical Technology Tarnaka Hyderabad - 500 007 Telangana	34.13	36
990	Cell death induced by combination of photodynamic therapy with phytochemicals isolated from vaccinium nilgiriensis on breast cancer therapy-an in vitra approach	DST-IBC	Parimelazhagan,T., Prof. (M) Bharathiar University Department of Botany, Marudhamalai Road Coimbatore - 641 046 Tamil Nadu	33.66	36
991	Characterization of with anolides biosynthetic pathway genes and with anolide contents in vegetative and reproductive phase of Withania somnifera (L.) Dunal under salinity stress	DST-IBC	Muthusamy,A., Dr. (M) Manipal University School of Life Sciences, Tiger Circle Road Manipal - 576 104 Karnataka	26.46	36
992	Characterizing role of large fruglvores in seed dispersal networks: Macaques and hornbills in Asia	DST-IBC	Radhakrishna,S., Prof. (F) National Institute of Advanced Studies Indian Institute of Science Campus, C.V. Raman Road Bengaluru - 560 012 Karnataka	5.12	24
993	Circulating levels of miRNA & secretory protein profile in Diabetic cardiomyopathy: A clinical study on Indo-German cohorts	DST-IBC	Aravindhan,V., Dr. (M) Madras University Department of Genetics, Navalar Nagar, Chepauk Chennai - 600 005 Tamil Nadu	10.21	24

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
994	Comparative study of Shiga toxin producing Escherichia coli biodiversity in India and Tunisia: An integrated surveillance and molecular characterization of Shiga.toxin producing Escherichia coli (SRCE) and its antimicrobial resistance and zoonoti ..	DST-IBC	Babu,J., Dr. (M) Sri Venkateswara Veterinary University Sri Padmavati Mahila Tirupati - 517 502 Andhra Pradesh	16.90	24
995	Comparative transcriptomics of crocus sativus corm in presence & absence of pathogenic fusarium oxysporum	DST-IBC	Vakhlu,J., Prof. (F) Jammu University School of Bio Technology, Gujarbasti Jammu - 180 006 Jammu & Kashmir	12.16	24
996	Comprehensive omics studies on a versatile sophingomonad strain to establish theoretical basis for in situ bioremediation of recalcitrant environmental pollutants	DST-IBC	Siddavattam,D., Prof. (M) Hyderabad University Department of Animal Biology, Gachibowli Hyderabad - 500 046 Telangana	5.80	24
997	Deep learning for Life Sciences	DST-IBC	Gromiha,M.M., Dr. (M) Indian Institute of Technology (Madras) Department of Biotechnology Chennai - 600 036 Tamil Nadu	29.34	24
998	Development of 3d bioprinted osteochondral tissue	DST-IBC	Ghosh,S., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	10.80	36
999	Development of moringa enriched Isothiocyanate as nutraceutical activator of Nrf2 signaling for mitigation of dyslipidemia	DST-IBC	Thimmulappa,R.K., Dr. (M) J.S.S. University Department of Biochemistry, S.S. Nagar, Bannimantap Mysore - 570 015 Karnataka	32.81	36
1000	Evaluation of nutraceuticals derived from indigenous millets for anti-tumorigenic activity and its action on the potential therapeutic targets, notch4 and TBX3, in Oral Sqamous Cell Cacinoma (OSCC)	DST-IBC	Devi,A., Dr. (F) S.R.M. University Depaartment of Genetic Engineering, School of Bioengineering, Potheri, S.R.M Nagar Kattankulathur - 603 203 Tamil Nadu	28.58	36
1001	Future perspectives of bio- resource utilization in north-east India	DST-IBC	Uppaluri,R.V.S., Prof. (M) Indian Institute of Technology (Guwahati) Amingaon Guwahati - 781 039 Assam	9.33	12
1002	Genomic and epigenomic characterization of 9p21 in intracranial aneurysm patients from two distinct ethnic population of the world	DST-IBC	Banerjee,M., Dr. (M) Scientist F Rajiv Gandhi Centre for Biotechnology Division of Neurobiology & Human Genetics, Thycaud Thiruvananthapuram - 695 014 Kerala	5.66	24
1003	Identification of major genetic and epigenetic components in the otosclerosis	DST-IBC	Ramachander,P.V., Dr. (M) Institute of Life Sciences Chandrasekharpur Bhubaneswar - 751 023 Odisha	25.26	24
1004	In search of a missing piece: Understanding the kinetochore architecture of the human fungal pathogen that lost most evolutionary conserved kinetochore proteins	DST-IBC	Sanyal,K., Ms. (F) Associate Professor Jawaharlal Nehru Centre for Advanced Scientific Research Molecular Biology & Genetics Unit, Jakkur Bengaluru - 560 064 Karnataka	5.44	24
1005	In vitro mass culture of Steinernema jeffreyense, a biocontrol agent key insect pests	DST-IBC	Belur,P.D., Dr. (M) National Institute of Technology (Karnataka) Department of Chemical Engineering, NH 66, Srinivas Nagar Mangalore - 575 025 Karnataka	28.16	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1006	International meeting on non- mammalian models in bio-medical research: Current status and future perspectives	DST-IBC	Chakraborty,A., Mr. (M) Associate Professor Nitte University Centre for Science Education & Research, P.O. Deralakatte Mangalore - 575 018 Karnataka	5.30	12
1007	Investigating catalytic mechanism and regulation in era and EngA and their role in ribosome biogenesis	DST-IBC	Prakash,B., Prof. (M) Sr. Principal Scientist CSIR-Central Food Technological Research Institute Department of Molecular Nutrition Mysore - 570 020 Karnataka	5.80	24
1008	Investigating the mechanisms of Genetic disorders using the Zebrafish model system (Gen-Zemo)	DST-IBC	Mangalore,A.C., Dr. (M) Nitte University Deralakatte Mangalore - 575 018 Karnataka	10.69	36
1009	Investigating the regulation and manipulation of autophagy, mitophagy and xenophagy upon Mycobacterium Tuberculosis infection in human embryonic stem cell-derived macrophages.	DST-IBC	Kumar,D., Dr. (M) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	40.41	36
1010	Investigation of neurodegeneration associated with defective DNA break repair	DST-IBC	Satyamoorthy,K., Prof. (M) Manipal University Tiger Circle Road, Madhav Nagar Manipal - 576 104 Karnataka	36.99	36
1011	Liposome encapsulated Azadiradione for triple negative breast cancer treatment	DST-IBC	Kunnumakkara,A.K.B., Dr. (M) Indian Institute of Technology (Guwahati) Department of Biosciences & Bioengineering, Amingaon Guwahati - 781 039 Assam	6.30	24
1012	Mode of CD40 clustering dictates its functional duality	DST-IBC	Saha,B., Dr. (M) National Centre for Cell Sciences Ganeshkhind Pune - 411 007 Maharashtra	69.64	36
1013	Molecular-physiological characterization of epigenetic components affecting plant development under drought & high temperature stress	DST-IBC	Kapoor,S., Prof. (M) Delhi University Department of Plant Molecular Biology, Beniot Juarez Road New Delhi - 110 021 Delhi	7.50	24
1014	New chromatin insulator-associated factors in Drosophila	DST-IBC	Mishra,R.K., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Habsiguda Hyderabad - 500 007 Telangana	20.30	36
1015	Novel potential antifungal drugs active against multidrug-resistant yeast from the Candida genus	DST-IBC	Prasad,R., Dr. (M) Amity University Manesar, Panchgaon Gurgaon - 122 413 Haryana	26.31	24
1016	Past, present and future of bats in western and central India - impact and implications of climate change on species ranges	DST-IBC	Srinivasulu,C., Dr. (F) University College of Science Osmania Univesity, Bhagath Singh Nagar Hyderabad - 500 004 Telangana	46.23	36
1017	Probing of interactions between proteins from bacterium Neisseria gonorrhoeae mismatch repair system by mass spectrometric analysis of crosslinked biomolecules	DST-IBC	Rao,D.N., Dr. (M) Indian Institute of Science Department of Bochemistry, C.V. Raman Road Bengaluru - 560 012 Karnataka	27.94	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1018	Process development and assessment/evaluation of microalgae based biofuels and value-added products	DST-IBC	Malik,A., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	30.20	24
1019	Protecomic analysis of the interaction of agrobacterium tumefaciens and Erwinia amylovora bacterial phytopathogens with bacillus biocontrol agents and their active compounds in vitro and in planta	DST-IBC	Srivastava,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	12.60	24
1020	Pursuit of novel and enhanced optoelectronic effects in hybrid perovskite based nanostructures	DST-IBC	Ogale,S.B., Prof. (M) Indian Institute of Science Education & Research (Pune) Ward No. 8, N.C.L Colony, Pashan Pune - 411 008 Maharashtra	52.41	36
1021	Renewable chemicals from the plants of Indian subcontinent: Isolation, self- assembly and utilization in drug delivery, medicine and catalysis	DST-IBC	Bag,B.G., Dr. (M) Vidyasagar University Rangamati Midnapore - 721 102 West Bengal	21.44	24
1022	Role of allosteric mutations in HIV - 1 protease drug resistance: Useful insights for rational drug design	DST-IBC	Senapati,S., Prof. (M) Indian Institute of Technology (Madras) Department of Biotechnology Chennai - 600 036 Tamil Nadu	33.37	24
1023	Structural and functional analyses of geminiviral Rep protiens	DST-IBC	Chakraborty,S., Prof. (F) Jawaharlal Nehru University School of Life Scieces, New Mehrauli Road New Delhi - 110 067 Delhi	38.39	36
1024	Structure based design and synthesis of novel antitumor eteroareneanthracenediones	DST-IBC	Kaur,P., Dr. (F) All India Institute of Medical Sciences Department of Biophysics, Ansari Nagar New Delhi - 110 029 Delhi	24.48	36
1025	Studying vascular implications of scorpion venom by using whole human kinome testing platform	DST-IBC	Chatterjee,S., Prof. (M) Anna University Guindy Chennai - 600 025 Tamil Nadu	23.91	24
1026	Synthesis of novel low-cost biosorbents based on modified cellulosic agro-wastes by tetraethylenepentamine, triethylenetriamine and adsorption study for anionic dyes removal	DST-IBC	Khare,S., Prof. (M) Indian Institute of Technology (Delhi) Hauz khas New Delhi - 110 016 Delhi	18.17	24
1027	The elucidation of the mechanisms of programmed cell death induced by fungal toxin and hydrogen peroxide in tobacco BY-2 cells and physcomitrella protonemal cells	DST-IBC	Bandyopadhyay,M., Mr. (F) Assistant Professor Calcutta University Department of Botany, College Square Kolkata - 700 073 West Bengal	5.70	24
1028	Ultrasound based assessment of tissue biomechanics to enhance the clinical management of foot related pathologies	DST-IBC	Rajappa,M., Prof. (M) SASTRA University Thanjavur - 612 001 Tamil Nadu	16.35	36
1029	Understanding the association between the prevalence of antibiotic resistance and CRISPR repeats in UPEC E. coli causing UTI	DST-IBC	Yadav,M., Dr. (F) Delhi University Centre for Biomedical Research Delhi - 110 007 Delhi	33.31	24
1030	Development of an integrated process for conversion of biomass to affordable liquid biofuel	DST-IMRC	Narang,A., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	90.09	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1031	Toward higher efficiencies & lower emissions using Indian - origin biofuels: Developing a predictive	DST-IMRC	Krishnasamy,A., Prof. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	59.48	36
1032	Facility for protein X-ray crystal structure determination & protein design Phase II	DST-IRHPA	Gopal,B., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	492.00	36
1033	A combining approach of GBS & Ecotilling based GWAS study for expenditing trait-associated genes/QTLs/molecular tags for Thebaine content in Opium Poppy	DST-SERB-CRG	Jena,S.N., Dr. (M) CSIR-National Botanical Research Institute Lucknow - 226 001 Uttar Pradesh	40.18	36
1034	A constructive approach for biosynthesis of high crocin in Saffron plants by overexpressing novel Carotenoid Cleavage Dioxygenase (CCD2) & Zeaxanthin Cleveage Oxgyenase (ZCD) gene independently	DST-SERB-CRG	Sahoo,K.K., Dr. (M) Ravenshaw University Department of Botany, College Square Cuttack - 753 003 Odisha	48.65	36
1035	A novel approach to study the genome & functional effect of Bisbenzimidazoles: In accordance to develop braod-spectrum antibacterial agent	DST-SERB-CRG	Tandon,V., Dr. (F) Jawaharlal Nehru University Special Center for Molecular Medicine, Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	46.37	36
1036	Aldose Reductase (AR) mediated aberrant molecular changes on coincident Diabetes & cancer: Effect of dietary AR inhibitors	DST-SERB-CRG	Reddy,G.B., Dr. (M) ICMR-National Institute of Nutrition Division of Biochemistry, Tarnaka Hyderabad - 500 007 Telangana	62.71	36
1037	Alzheimer's disease: Identification of common targets regulating both apoptosis & autophagy during neurodegeneration	DST-SERB-CRG	Biswas,S.C., Dr. (M) CSIR-Indian Institute of Chemical Biology 4, R.S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	45.47	36
1038	An intracellular binding partner (Ligand) to RAGE cytoplasmic tail in RAGE signaling & pathologies	DST-SERB-CRG	Rai,V., Dr. (M) Institute of Life Sciences Nalco Square Bhubaneswar - 750 023 Odisha	45.53	36
1039	Analaysis of crosstalk between gut microbiota & host factors in calibrating IgA responses	DST-SERB-CRG	George,A., Dr. (F) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	52.02	36
1040	Analysis of eRNA at enahancer Eb of murine TCRb locus	DST-SERB-CRG	Srivastava,M., Dr. (F) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	46.50	36
1041	Analysis of impact of Pax6 on immunity of brain	DST-SERB-CRG	Mishra,R., Dr. (M) Banaras Hindu University Departmet of Zoology, Institute of Science, Biochemistry & Molecular Biology Laboratory, Varanasi - 221 005 Uttar Pradesh	41.99	36
1042	Assessment of anticancer effect of Triplex Forming Oligonucleotides (TFOs) on the expression of HMGB1 in Hepatoma using animal model system	DST-SERB-CRG	Rajeshwari,M.R., Dr. (F) All India Institute of Medical Sciences Department of Biochemistry, Ansari Nagar New Delhi - 110 029 Delhi	63.14	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1043	Assessment on the potential of Oil Palm (Elaeis guineensis) plantations for carbon sequestration in different regions of Tamil Nadu	DST-SERB-CRG	Veeraswamy,D., Dr. (M) Horticultural College & Research Institute Department of Floriculture & Medical Crops, Periyakulam Theni - 625 604 Tamil Nadu	23.21	36
1044	Begomovirus based transient gene delivery system for genome editing in solanaceous plants	DST-SERB-CRG	Roy,A., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	27.11	36
1045	Bioactive metabolites(s) synthesis through mycobiont culture of lichens from Chhattisgarh region & their metabolities profiling as potential source for bioprospection	DST-SERB-CRG	Shahi,S.K., Dr. (M) Guru Ghasidas University C.G. Koni Bilaspur - 495 009 Chhattisgarh	33.10	36
1046	Biological invasion: Linking phytochemical dynamics of India's most aggressive plant invader to genomic adaptations	DST-SERB-CRG	Yadav,G., Dr. (F) National Institute of Plant Genome Research Lab. No. 204, Computational Systems Biology, Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	38.45	36
1047	Biomolecular characterization of Malaria parasite drug target dihydropteroate synthase	DST-SERB-CRG	Sharma,A., Dr. (M) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	45.66	36
1048	Biophysical studies on RNA-peptide interactions	DST-SERB-CRG	Maiti,S., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Mathura Road New Delhi - 110 025 Delhi	46.37	36
1049	Bridging the gap in the systematics of Indian araneofauna: An integrated approach using phylogeny & behavious	DST-SERB-CRG	Sebastian,P.A., Dr. (M) Sacred Heart College Ernakulam - 682 013 Kerala	66.85	36
1050	Characterization of a MADS box transcription factor in microalgae coccomyxa subellipsoidea C-169	DST-SERB-CRG	Nayar,S., Dr. (F) Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram - 695 014 Kerala	33.67	36
1051	Characterization of gene(s) responsible for tyloses formation in Chickpea during Fussarium oxysporum infection	DST-SERB-CRG	Kumar,M., Dr. (M) CSIR-National Botanical Research Institute Rana Pratap Marg Lucknow - 226 001 Uttar Pradesh	35.74	36
1052	Characterization of squalene epoxidase genes ArSQ1 & ArSQ2 with an aim to enhance the Shatavarin IV biosynthesis in Asparagus racemosus cell culture	DST-SERB-CRG	Shukla,R.K., Dr. (M) Scientist CSIR-Central Institute of Medicinal & Aromatic Plants Division of Plant Biotechnology, Kukrail Picnic Spot Road Lucknow - 226 015 Uttar Pradesh	38.45	36
1053	Characterization of the H3 specific protease (H3ase) activity of the chicken liver Glutamate Dehydrogenase (GDH)	DST-SERB-CRG	Purohit,J.S., Dr. (M) Delhi University Cluster Innovation Centre Delhi - 110 007 Delhi	62.75	36
1054	Converting a signal transducer of GAL gentic switch into an enzyme: Understanding bifunctionality of yeast galactokinase	DST-SERB-CRG	Bhat,P.J., Dr. (M) Indian Institute of Technology (Bombay) Department of Biosciences & Bioengineering, Powai Mumbai - 400 076 Maharashtra	39.60	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1055	Cross talk between mitochondria & PERK-eIF2alpha-ATF4 Arrm of Unfolded Protein Response (UPR): Importance of chemical chaperones	DST-SERB-CRG	Ramaiah,K.V.A., Dr. (M) Hyderabad University Department of Biochemistry, School of Life Sciences,Prof C.R. Rao Road, Gachibowli Hyderabad - 500 046 Telangana	47.47	36
1056	Deciphering the mechanisms of invasion by Salmonella invasins	DST-SERB-CRG	Das,S., Dr. (M) ICMR-National Institute of Cholera & Enteric Diseases Kolkata - 700 009 West Bengal	47.67	36
1057	Defining the molecular specificity in inteferone regulatory factors leading to generation of dendritic cell diversity	DST-SERB-CRG	Tailor,P.B., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	32.40	36
1058	Development & identification of microRNA based DNA markers associaed with sterility mossaic disease resistance in Pigeonpea	DST-SERB-CRG	Pushpavalli,S.N.C.V.L., Dr. (F) Prof. Jayashankar Telangana State Agricultural University Agricultural Research Station, Tandur Hyderabad - 500 030 Telangana	35.38	36
1059	Development of novel self-assembling dendritic systems for biomedical applications: Characterization & Kinetic analysis	DST-SERB-CRG	Prasad,E., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	42.43	36
1060	Development of rapid & visual detection of zoonotic potential staphylococcus pseudintermedius by Nucleic acid lateral flow assay	DST-SERB-CRG	Murugesan,A.C., Dr. (F) Tamil Nadu Veterinary & Animal Sciences University Thoothukkudi - 628 402 Tamil Nadu	19.58	36
1061	Diversity & performance of key forest tree species & bryophytes in gap & non-gap areas along an altitudinal gradient in Uttarakhand	DST-SERB-CRG	Uniyal,P.L., Dr. (M) Delhi University Delhi - 110 007 Delhi	41.43	36
1062	Effect of ionic liquids on different phases of protein fibril formation	DST-SERB-CRG	Prabhu,N.P., Dr. (M) Hyderabad University Gachibowli Hyderabad - 500 046 Telangana	20.74	36
1063	Effect of thermal stress on fitness traits of two mealybug pests, phenacoccus solenopsis & paracoccus marginatus & their parasitoids Aenasius bambawalei & Acerophagus papayae	DST-SERB-CRG	Shankarganesh,K., Dr. (M) Scientist ICAR-Central Institute for Cotton Research Division of Entomology, Lali Road, Pusa Campus Coimbatore - 641 003 Tamil Nadu	52.06	36
1064	Endocrinological approach to address optimized productivity of lobsters inhabiting coastal Kanyakumari	DST-SERB-CRG	Arundhathi,S.S., Dr. (F) Holy Cross College Nagercoil - 629 004 Tamil Nadu	29.62	36
1065	Epigenetical effect on Arabidopsis Thaliana of west Himalayan population in response to elevated CO2 for adaptive advantage	DST-SERB-CRG	Roy,S., Dr. (M) CSIR-National Botanical Research Institute Lucknow - 226 001 Uttar Pradesh	36.97	36
1066	Establishment of reverse genetics system for rescue of Bluetongue virus of Indian origin	DST-SERB-CRG	Sharma,G.K., Dr. (M) Joint Directorate ICAR-Indian Veterinary Research Institute Department of Cadrad, Izatnagar Bareilly - 243 122 Uttar Pradesh	38.85	36
1067	Evaluating the elicitation effect of endophytic fungal derived exopolysaccharides on expression of triterpene saponin biosynthetic pathway genes & signalling components	DST-SERB-CRG	Vijaya,T., Dr. (F) Sri Venkateswara University Tirupati - 517 502 Andhra Pradesh	37.47	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1068	Evaluating the role of DUBS in autophagy	DST-SERB-CRG	Dar,M.A., Dr. (M) Kashmir University Department of Biochemistry Srinagar - 190 006 Jammu & Kashmir	62.70	36
1069	Exploitation of hybrid vigour for quality & yeild improvement through marker assisted selection in Cucumber (Cucumis sativus L.)	DST-SERB-CRG	Subramanyam,P., Prof. (F) Tamil Nadu Agricultural University Coimbatore - 641 003 Tamil Nadu	27.58	36
1070	Exploring the possibility of developing semiochemical based control strategy for the management of Cossus cadambae the borer pest of tectona granidis through isolation & identification of its pheromone system	DST-SERB-CRG	Velayudhan,S.T., Dr. (M) Scientist E1 & Head Kerala Forest Research Institute Division of Forest Protection Thrissur - 680 751 Kerala	70.07	36
1071	Exprssion, intracellular localization & functional characterization of PAS domain containing phosphoglycerate kinase in Leishmania	DST-SERB-CRG	Adak,S., Dr. (M) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	39.96	36
1072	Foraging ecology of high altitude cliff bee (Apis Laboriosa Smith) in-situ & its response to ex-situ management in lower altitude	DST-SERB-CRG	Gogoi,H., Dr. (M) Rajiv Gandhi University Papum Pare Itanagar - 791 112 Arunachal Pradesh	27.57	36
1073	Functional & structural studies on the first virus coded primase-polymerase protein with terminal transferase activity	DST-SERB-CRG	Kondabagil,K., Dr. (F) Indian Institute of Technology (Bombay) Department of Biosciences & Bioengineering, Powai Mumbai - 400 076 Maharashtra	45.76	36
1074	Functional analysis for genetic & molecular mechanisms that maintain nutrient & energy homeostasis	DST-SERB-CRG	Verghese,J., Dr. (F) Indian Institute of Science Education & Research (Trivandrum) Thiruvananthapuram - 695 551 Kerala	42.90	36
1075	Functional anaylsis of pathogenicity genes of colletrotrichum orbicular using RNAi for management of cucumber anthracnose	DST-SERB-CRG	Shanmugam,V., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Complex New Delhi - 110 012 Delhi	37.97	36
1076	Functional investigation of Plasmodium Berghei Nicotinamidase (PBANKA_121800) by reverse genetics approach - implications for developing Malaria transmission blocking drug	DST-SERB-CRG	Kumar,K.A., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	60.67	36
1077	Genetic validation of actin as a drug target in Leishmania & development of drug screening assay system	DST-SERB-CRG	Sahasrabuddhe,A.A., Dr. (M) CSIR-Central Drug Research Institute Jankipuram Extension, Sector 10, Sitapur Road Lucknow - 226 031 Uttar Pradesh	32.40	36
1078	Genome editing of MFGE8 & S100 genes in bovine mammary epithelial cells to understand their role in milk production	DST-SERB-CRG	Mohanty,A.K., Dr. (M) ICAR-National Dairy Research Institute Animal Biotechnology Centre Karnal - 132 001 Haryana	62.54	36
1079	Global transcriptome & miRNA analysis for deciphering reasons for low cloning efficiency in buffalo	DST-SERB-CRG	Palta,P., Dr. (M) ICAR-National Dairy Research Institute Animal Biotechnology Centre Karnal - 132 001 Haryana	46.78	36
1080	Hijacking of host iron carrier trafficking machinery: Dissecting the multifunctional role of mammalian glyceraldehyde-3-phosphate dehydrogenase in iron acquisition by invading Mycobacterium Tuberculosis	DST-SERB-CRG	Raje,M., Dr. (M) CSIR-Institute of Microbial Technology Sector 39A Chandigarh - 160 036 Chandigarh	56.33	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1081	Histone chaperone HIRA as a novel modulator in dictating differentiation vs proliferation	DST-SERB-CRG	Dutta,D., Dr. (F) Rajiv Gandhi Centre for Biotechnology Thycaud, P.O. Poojappura Thiruvananthapuram - 695 014 Kerala	42.46	36
1082	Identification & mapping of ToLCNDV resistance loci & introgression of resistance genes through molecular selection in Chilli (Capsicum anuum L.)	DST-SERB-CRG	Reddy,L.D.C., Dr. (M) Scientist ICAR-Indian Institute of Horticultural Research Divison of Biotechnology, Hessaraghatta Lake Post Bengaluru - 560 089 Karnataka	35.16	36
1083	Identification of best combination of plant growth promoting bacteria & arbuscular mycorrhizae for enhancing yield & nutrient content of wheat & dissecting associated biological pathways using proteomics & metabolomics	DST-SERB-CRG	Wusirika,R., Dr. (M) Central University of Punjab Centre for Biochemistry & Microbial Sciences, Mansa Road Bhatinda - 151 001 Punjab	38.21	36
1084	Identification of heterotic yeild QTLs in Swarna X Oryza rufipogon Introgression Lines (ILs) & transferring into parental lines of hybrid rice to enhance the magnitude of heterosis	DST-SERB-CRG	Ponnuswamy,R., Dr. (F) ICAR-Indian Institute of Rice Research Rajendra Nagar Hyderabad - 500 030 Telangana	33.59	36
1085	Identification of novel & conserved sodium - responsive miRNAs & their target genes modulating salinity stress during reproductive phase in rice cultivars	DST-SERB-CRG	Kumar,V., Dr. (M) Progressive Education Society's Modern College of Arts, Science & Commerce Ganeshkhind Pune - 411 005 Maharashtra	26.51	36
1086	Identification of regulatory network involved in the preferential utilization of aromatic compound over glucose in pseudomonas putida CSV86	DST-SERB-CRG	Phale,P.S., Dr. (M) Indian Institute of Technology (Bombay) Department of Biosciences & Bioengineering. Powai Mumbai - 400 076 Maharashtra	73.73	36
1087	Identification of resistance source against prominent races & functional characterzation of avirulence genes of Xanthomonas campestris pv. Campestris causing Black Rot disease in Crucifer crops	DST-SERB-CRG	Singh,D., Dr. (M) ICAR-Indian Agricultural Research Institute Division of Plant Pathology, Lab No 1, Pusa Campus New Delhi - 110 012 Delhi	38.41	36
1088	Identification of targets of the cotton GhNAC2 involved in root growth & abiotic stress tolerance	DST-SERB-CRG	Sane,V.A., Dr. (F) CSIR-National Botanical Research Institute Rana Pratap Marg Lucknow - 226 001 Uttar Pradesh	40.21	36
1089	Identification on stress responsive microRNA in arabidopsis under altered GSH	DST-SERB-CRG	Chattopadhyay,S., Dr. (F) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	42.57	36
1090	In planta characterization combined with metabolomics & biochemical approach to understand withanolides biosynthetic pathway in Ashwagandha (Withania somnifera)	DST-SERB-CRG	Nagegowda,D.A., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants CSIR-CIMAP Research Centre, GKVK Pos Bengaluru - 560 064 Karnataka	40.72	36
1091	In vitro biosynthesis & enrichment of indole alkaloids from Alstonia scholaris & elucidation of their metabolic pathway	DST-SERB-CRG	Mishra,D.K., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension Sitapur Road Lucknow - 226 031 Uttar Pradesh	33.73	36
1092	In vitro regeneration of critically endangered plant Crinum malabaricum Lekhak & Yadav & characterization of Galanthamine in cultures	DST-SERB-CRG	Shekhawat,M.S., Dr. (M) Mahatma Gandhi Government Arts College Department of Plant Science, Kanchi Mamunivar Centre for P.G. Studies, Chalakkara, Mahe Puducherry - 673 311 Puducherry	22.79	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1093	Insight into activation of virulence-associated Mycobacterium Tuberculosis phoP/phoR system	DST-SERB-CRG	Sarkar,D., Dr. (M) CSIR-Institute of Microbial Technology Sector-39A Chandigarh - 160 036 Chandigarh	45.66	36
1094	Intraguild interactions of predaceous ladybirds & their implications in aphid biocontrol	DST-SERB-CRG	Parvez,A., Dr. (M) Radhe Hari Government Post Graduate College Vaishali Colony, Udhamsingh Nagar Kashipur - 244 713 Uttarakhand	30.58	36
1095	Introgression of pungency genes from wild species through marker-assisted selection in Chilli (Capsicum annuum L.) - to breed suitable commercial pepper cultivars for industrial use	DST-SERB-CRG	Kambham,M.R., Dr. (F) Principal Scientist ICAR-Indian Institute of Horticultural Research Division of Vegetable Crops, Hessaraghatta Lake Post Bengaluru - 560 089 Karnataka	27.27	36
1096	Investigating the role of heterotrimeric G-protein components (G alpha & RGS) towards governing agronomical traits & abiotic stress tolerance in Indian oilseed mustard	DST-SERB-CRG	Bisht,N.C., Dr. (M) National Institute of Plant Genome Research Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	35.82	36
1097	Investigating the role of mycobacterial protein Rv2966c in modulating the host epigenetic circuitry during infection	DST-SERB-CRG	Khosla,S., Dr. (M) Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 001 Telangana	53.07	36
1098	Investigating the structural & functional basis of RNA binding & post-transcriptional regulation of gene expression by Annexin A2 in response to genotoxic stress	DST-SERB-CRG	Deshmukh,M.V., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Uppal Road, Habsiguda Hyderabad - 500 007 Telangana	7.02	36
1099	Investigating the structural & functional basis of RNA binding & post-transcriptional regulation of gene expression by Annexine A2 in response to genotoxic stress	DST-SERB-CRG	Ray,P.S., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Department of Biological Sciences, Mohanpur Nadia - 741 246 West Bengal	35.38	36
1100	Investigation of mechanism of mitochondrial localization & mitotoxicity of C-Terminal fragments of TDP-43 implicated in Amyotrophic Lateral Sclerosis (ALS) & search for effective small molecule rescuers against TDP-43-induced mitotixicity	DST-SERB-CRG	Patel,B.K., Dr. (M) Indian Institute of Technology (Hyderabad) Near NH 65, Kandi Sangareddy - 502 205 Telangana	51.28	36
1101	Investigation of the role of Tamalin in group 1 mGluR trafficking & mGluR- dependent AMPA receptor endocytosis	DST-SERB-CRG	Bhattacharya,S., Dr. (M) Indian Institute of Science Education & Research (Mohali) Knowledge City, Sector 81, S.A.S. Nagar Mohali - 140 306 Punjab	45.23	36
1102	Investigation on translational regulation through secondary structural elements in Utrophine - A 5' UTR	DST-SERB-CRG	Basu,U., Dr. (M) Kalyani University Kalyani - 741 235 West Bengal	34.93	36
1103	Long-term bird community dynamics in a fragmented tropical rainforest landscape in the western ghats, India	DST-SERB-CRG	Raman,S.T.R., Dr. (M) Nature Conservation Foundation Rainforest Research Station Mysore - 570 002 Karnataka	26.11	36
1104	Metabolic engineering for enhanced taxol production in taxol producing endophytic fungi: A combination of genetic, molecular biology & biotechnological approaches	DST-SERB-CRG	Jayabaskaran,C., Dr. (M) Indian Institute of Science New Biology Building, C.V. Raman Avenue, Malleshwaran Bengaluru - 560 012 Karnataka	34.21	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1105	Metabolic engineering of Potato (Solanum tuberosum L.) for enhanced Vitamin B6 accumulation by overexpression of pyridoxine genes	DST-SERB-CRG	Upadhyay,C.P., Dr. (M) Dr. Hari Singh Gour Central University Department of Biotechnology Sagar - 470 003 Madhya Pradesh	38.83	36
1106	Mining of scab resistance R-genes from different cultivars of apple & introducing scab resistance in commercially important varieties of apple grown in Kashmir valley through cisgenesis	DST-SERB-CRG	Ahmed,N., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar Campus, P.B. No. 262, GPO Srinagar - 190 121 Jammu & Kashmir	57.46	36
1107	Mitigation of Chromium (VI) toxicity in some vegetable crops by nutrient management approach	DST-SERB-CRG	Prasad,S.M., Dr. (M) Allahabad University Department of Botany Allahabad - 211 002 Uttar Pradesh	37.12	36
1108	Modeling the distribution of globally important invasive plant species: Is there significant niche shift & range expansion during invasion?	DST-SERB-CRG	Gudasalamani,R., Dr. (M) Ashoka Trust for Research in Ecology & the Environment Royal Enclave, Srirampura, Jakkur Post Bengaluru - 560 064 Karnataka	43.00	36
1109	Molecular charactrization of AmpC Beta-Lactamase producing multidrug resistant uropathogenic E. Coli - a study from Kolkata, an esteran region of India	DST-SERB-CRG	Mukherjee,M., Dr. (F) Calcutta School of Tropical Medicine Kolkata - 700 073 West Bengal	26.57	36
1110	Molecular effectors of beta-barrel membrane protein biogenesis, misfolding & aggregation	DST-SERB-CRG	Mahalakshmi,R., Dr. (F) Indian Institute of Science Education & Research (Bhopal) Bhopal Bypass Road, Bhauri Bhopal - 462 023 Madhya Pradesh	51.93	36
1111	Molecular interactions critical for DNA mismatch repair	DST-SERB-CRG	Rao,D.N., Dr. (M) Indian Institute of Science Department of Biochemistry Bengaluru - 560 012 Karnataka	59.62	36
1112	Nanobioremediation of butachlor herbicide	DST-SERB-CRG	Goyal,D., Dr. (M) Thapar University Department of Biotechnology, Adarsh Nagar, Prem Nagar Patiala - 147 004 Punjab	34.81	36
1113	Nanoparticle-mediated co-delivery of chemotherapeutic drugs & genes for synergistic cance treatment	DST-SERB-CRG	Sil,P.C., Dr. (M) Bose Institute Division of Molecular Medicine, Centenary Campus, P-1, 12 CIT Road, Scheme VII M Kolkata - 700 054 West Bengal	28.67	36
1114	Nutrient & metabolite profiling of rice & wheat genotypes growing in Arsenic contaminated areas of Ballia district (U.P.)	DST-SERB-CRG	Gupta,M., Dr. (F) Jamia Millia Islamia New Delhi - 110 025 Delhi	34.54	36
1115	Palmitoylated alpha-melanocyte stimulating hormone based peptidomimetics against biofilm embedded Staphylococus aureus	DST-SERB-CRG	Mukhopadhyay,K., Dr. (F) Jawaharlal Nehru University School of Environmental Sciences, Aruna Asaf Ali Road New Delhi - 110 067 Delhi	27.82	36
1116	Phage inspited antibiotics for mycobacteria	DST-SERB-CRG	Dasgupta,S.K., Dr. (M) Bose Institute Department of Microbiology, Centenary Campus, P1/12, CIT Road, Scheme VII M Kolkata - 700 054 West Bengal	38.97	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1117	Phylogeny, classification & biogeography of the leafhopper subfamily deltocephalinae (Hemiptera: Cicadelidae)	DST-SERB-CRG	Meshram,N.M., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	31.49	36
1118	Phytochemical & molecular characterization, bioprospecting of genes, value addition & quality enrichment of Bamboo through plant tissue culture technique from north east India	DST-SERB-CRG	Barman,A., Dr. (M) Assistant Professor North-Eastern Hill University Department of Horticulture, Tura Campus Tura - 794 001 Meghalaya	30.04	36
1119	Phytochemical investigation & anti-malarial activity evaluation of medicinal plants used by indigenous tribes of Andaman & Nicobar Islands	DST-SERB-CRG	Vijayachari,P., Dr. (M) ICMR-Regional Medical Research Centre Post Bag # 13, Dollygunj Port Blair - 744 103 Andaman & Nicobar	59.47	36
1120	Polyamine dependent regulation of ODC antizyme ORF1p in saccharomyces cerevisiae	DST-SERB-CRG	Rangasamy,P.M., Dr. (M) CSIR-Centre for Cellular & Molecular Biology Hyderabad - 500 007 Telangana	39.26	36
1121	Probing in vivo roles of prefoldin family chaperones in neuromorphogenesis & synaptic function in drosophila	DST-SERB-CRG	Kumar,V., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Biological Sciences, Bhopal Bypass Road, Bhouri Bhopal - 462 066 Madhya Pradesh	56.84	36
1122	Process intrventions for development of speciality flours for value addition of by-products of wheat milling industry	DST-SERB-CRG	Inamdar,A.A., Dr. (M) CSIR-Central Food Technological Research Institute Department of F.M.B.C.T. Mysore - 570 020 Karnataka	20.23	36
1123	Production of novel lipopeptides (Locillomycins from bacillus amyloiliquefaciens RHNK 22 as biological control agents	DST-SERB-CRG	Bee,H., Dr. (F) Osmania University Hyderabad - 500 007 Telangana	24.46	36
1124	Quantitative Trait Loci (QTL) mapping for analyzing genetic determinism of disease resistance & development of DNA marker based selection tools for resistance breeding in Rubber tree (Havea brasiliensis)	DST-SERB-CRG	Roy,B.C., Dr. (F) Rubber Research Institute of India Kottayam - 686 009 Kerala	39.20	36
1125	Regulation of hepatic metastasis of Colorectal cancer by exosomes	DST-SERB-CRG	Harikumar,K.B., Dr. (M) Rajiv Gandhi Centre for Biotechnology Cancer Research Program Thiruvananthapuram - 695 014 Kerala	53.13	36
1126	Revisionary studies on lichen genera buellia sensu lato & Rinodina (Caliciales) from India	DST-SERB-CRG	Nayaka,S., Dr. (M) CSIR-National Botanical Research Institute Lucknow - 226 001 Uttar Pradesh	28.40	36
1127	Role of autophagy in vascular smooth muscle cell remodelling & phenotype	DST-SERB-CRG	Barthwal,M.K., Dr. (M) CSIR-Central Drug Research Institute Sitapuram Road, Sector 10, Jankipuram Lucknow - 226 031 Uttar Pradesh	46.33	36
1128	Role of cancer stem cells in tumor neo-angiogenesis: A mechanistic study	DST-SERB-CRG	Das,T., Dr. (F) Bose Institute P-1/12, CIT Road, Scheme VIIM, Kankurgachi Kolkata - 700 054 West Bengal	48.77	36
1129	Role of cyclic di-AMP in ribosome biogenesis, 16S rRNA methyltransferase (RsmD) function & drug resistance in mycobacterium	DST-SERB-CRG	Sinha,K.M., Dr. (M) Amity University Manesar Gurgaon - 122 413 Haryana	35.36	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1130	Role of evolutionarily conserved three GC base pairs in the anticodon stem of the initiator tRNA in regulation of protein synthesis in Escherichia coli	DST-SERB-CRG	Varshney,U., Dr. (M) Indian Institute of Science Department of M.C.B., Biological Sciences Building Bengaluru - 560 012 Karnataka	60.99	36
1131	Root-specific reduction of cytokinin for enhanced root growth & drought tolerance in oilseed Mustard (Brassica juncea L. Cv. Varuna)	DST-SERB-CRG	Chaudhary,B., Dr. (M) Gautam Buddha University School of Biotechnology Greater Noida - 201 308 Uttar Pradesh	27.83	36
1132	Screeing iron efficient groundnut genotypes & assessing contribution of microbial siderophores in a calcareous soil using iron-59 radiotracer	DST-SERB-CRG	Meena,S., Dr. (F) Tamil Nadu Agricultural University Department of Soill Science & Agricultural Chemistry Coimbatore - 641 003 Tamil Nadu	36.41	36
1133	Spatial ecology & prey base of lesser cats in Kalesar National Park, Haryana	DST-SERB-CRG	Kalsi,R.S., Dr. (M) Mukand Lal National College Department of Zoology Yamuna Nagar - 135 001 Haryana	24.27	36
1134	Structural & functional characterizationof TSPYLI, a novel histone chaperone implicated in Sudden Infant Death with Dysgenesis of the Tests syndrome (SIDDT) in human	DST-SERB-CRG	Roy,S., Dr. (M) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	42.36	36
1135	Structural biology of selected prokaryotic lectins	DST-SERB-CRG	Vijayan,M., Dr. (M) Indian Institute of Science Molecular Biophysics Unit Bengaluru - 560 012 Karnataka	49.67	36
1136	Structural investigations on small heat shock proteins & their interactions with substrates by X-Ray crystallography & cryoelectron microscopy	DST-SERB-CRG	Kaza,S., Dr. (F) Indian Institute of Science Molecular Biophysics Unit Bengaluru - 560 012 Karnataka	38.67	36
1137	Structure - function studies on nucleotide sugar transporters	DST-SERB-CRG	Ramaswamy,S., Dr. (M) Institute of Stem Cell Biology & Regenerative Medicine Bengaluru - 560 065 Karnataka	50.06	36
1138	Structure-function analysis of a major Plasmodium falciparum multiprotein adhesion complex (PfRH5-Ripr-CyRPA) essential for Erythrocyte invastion	DST-SERB-CRG	Gaur,D., Dr. (M) Jawaharlal Nehru University Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	41.10	36
1139	Studies on biphasic moult and hermaphroditic reproduction in Norileca Indica, a parasitic Cymothoid (Isopoda: Crustacea) infesting the marine fishes of Malabar coast	DST-SERB-CRG	Kappalli,S., Dr. (F) Central University of Kerala P.G. Department of Zoology & Research Centre, Post, Tejaswini Hills Kasaragod - 671 320 Kerala	40.90	36
1140	Studies on ferritin degradation by dopamine in astroglial cells	DST-SERB-CRG	Mukhopadhyaya,C.K., Dr. (M) Jawaharlal Nehru University Special Centre for Molecular Medicine, Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	46.56	36
1141	Study of novel non-thermal operation for clarification & concentration of fruit juice (Anacardium occidentale L.) & its by-product utilizations	DST-SERB-CRG	Pradhan,R.C., Dr. (M) National Institute of Technology (Rourkela) Department of Food Process Engineering Rourkela - 769 008 Odisha	42.69	36
1142	Study of regulation of RNA interference during Rotavirus infection & charactrization of cellular MiRNA as novel antiviral therapeutics	DST-SERB-CRG	Chawlasarkar,M., Dr. (F) ICMR-National Institute of Cholera & Enteric Diseases Kolkata - 700 009 West Bengal	48.77	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1143	Study of reproductive biology of mangrove species in Sundarbans in correlation to its potential for mangrove restoration	DST-SERB-CRG	Basak,S.K., Dr. (M) Sarat Centenary College Hoogly - 712 302 West Bengal	39.37	36
1144	Study on the millipede fauna in southern western ghats of Kerala	DST-SERB-CRG	Ambalaparambil,S., Dr. (M) Christ College Department of Zoology Irinjalkuda - 680 125 Kerala	50.30	36
1145	Study the role of tomato metacaspases during oxidative stress	DST-SERB-CRG	Singh,S.K., Dr. (M) M.S. University of Baroda Vadodara - 390 002 Gujarat	48.66	36
1146	Synthesis of new gene pool following introgression of disease resistance & drought tolerance genes from secondary (Phaseolus coccineus L.) & tertiary (Phaseolus acutiofolius L.) gene pools into cultivated phaseolus vulagris L.	DST-SERB-CRG	Salgotra,S.K., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu) Jammu - 180 009 Jammu & Kashmir	33.11	36
1147	Taxonomic & molecular studies on the genus Selaginella (family Selaginellaceae) in India	DST-SERB-CRG	Nisha,P., Dr. (F) St. Xavier's College for Women Munnar Highway, Periyar Nagar Alwaye - 683 101 Kerala	31.77	36
1148	Technological interventions for prophylactic & therapeutic management of Contagious Caprine Pleuropneumonia (CCPP) in Pashmina goats	DST-SERB-CRG	Yatoo,M.I., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Yatoo Mohalla Chadoora, Shalimar Campus Srinagar - 190 025 Jammu & Kashmir	33.69	36
1149	The effect of environmental enrichment on hippocampal dependent memory on socially stressed mice	DST-SERB-CRG	Koilman,E.R., Dr. (M) Bharathidasan University Tiruchirappalli - 620 024 Tamil Nadu	38.97	36
1150	The effect of interannual variation in flowering intensity, periodicity & synchrony on pollination & fruit set in a highly seasonal tropical forest in the western ghats	DST-SERB-CRG	Barua,D., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr.Homi Bhabha Road, Ward No. 8, Pashan Eoad Pune - 411 008 Maharashtra	46.13	36
1151	The role of flower constancy of foraging bees in predicting their pollination efficiency	DST-SERB-CRG	Allesh,S., Dr. (F) Central University of Kerala Kasaragod - 671 123 Kerala	36.78	36
1152	The role of Transducin-Like Enhancer of split 3 (TLE3) in regulating Myogenesis	DST-SERB-CRG	Mathew,S.J., Dr. (M) Regional Centre for Biotechnology 3rd Milestone, Gurgaon Expressway Faridabad - 121 001 Haryana	64.90	36
1153	To investigate the role of VapC toxins, Rv2829c & Rv2549c, in the physiology & virulence of Mycobacterium Tuberculosis	DST-SERB-CRG	Thakur,K.G., Dr. (M) CSIR-Institute of Microbial Technology Structural Biology Laboratory, G.N. Ramachandra Protein Centre, Sector 39A Chandigarh - 160 036 Chandigarh	47.73	36
1154	Understanding a river valley ecosystem across altitudinal gradients using amphibians as an indicator to ecosystem health, Dibang river basin, Arunachal	DST-SERB-CRG	Ahmed,M.F., Dr. (M) Aaranyak Guwahati - 781 028 Assam	53.86	36
1155	Understanding homothorax independent role of Hox cofactor extradenticle in Drosophila neuroblast apoptosis	DST-SERB-CRG	Joshi,R., Dr. (M) Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 001 Telangana	48.77	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1156	Understanding molecular mechanism of antiadipogenic activity of vitexin & isovitexin	DST-SERB-CRG	Ghaskadbi,S.S., Dr. (F) Savitribai Phule Pune University Department of Zoology, Ganeshkhind Road Pune - 411 007 Maharashtra	67.67	36
1157	Understanding the genetic diversity of Taenia solium cysticercosis & development of recombinant antigen based diagnostic assays for sero- surveillance	DST-SERB-CRG	Jacob,S.S., Dr. (F) ICAR-National Institute of Veterinary Epidemology & Disease Information Post Box No. 6450, Yelahanka Bengaluru - 560 064 Karnataka	48.96	36
1158	Understanding the respiration & growth of a microcosm: The case of a Fig Syconium	DST-SERB-CRG	Borges,R.M., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	41.64	36
1159	Understanding the role of antimicrobial peptide S100A12 (Calgranulin C) mediated host defense in pseudomonas Keratitis & developing nano tools for efficient delivery of S100A12	DST-SERB-CRG	Roy,S., Dr. (F) L.V. Prasad Eye Institute Banjare Hills Hyderabad - 500 034 Telangana	55.01	36
1160	Understanding the systematics, biogeography & phylogenetic relationships of Garcinia (Clusiaceae) from western & eastern ghats	DST-SERB-CRG	Sundaresan,V., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Lucknow - 226 015 Uttar Pradesh	30.96	36
1161	Unravelling rice interactor(s) for XopF-TTSS effector of xanthomonas oryzae Pv. Oryzae race 4 that play crucial role during bacterial blight pathogenesis	DST-SERB-CRG	Mondal,K.K., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	50.25	36
1162	Unravelling the interactome of tetraspanin protein, a novel regulator of abiotic stress tolerance in rice	DST-SERB-CRG	Agarwal,S.K., Dr. (F) Delhi University Benito Juarez Marg New Delhi - 110 021 Delhi	37.40	36
1163	A multimodal imaging study to examine the role of dopamine in social decision making in Schizophrenia	DST-SERB-ECRA	Rao,N.P., Dr. (M) National Institute of Mental Health & Neuro Sciences Bengaluru - 560 029 Karnataka	46.16	36
1164	A novel therapeutic against metabolic syndrome via activation of coagulation unrelated Vitamin K dependent proteins	DST-SERB-ECRA	Manna,P., Dr. (M) CSIR-North East Institute of Science & Technology Jorhat - 785 006 Assam	31.64	36
1165	A whole genome based reduced representation approach for identification of resistance against Sugarcane Yellow Leaf virus in Indian sugarcane	DST-SERB-ECRA	Balasubramaniam,P., Dr. (M) ICAR-Sugarcane Breeding Institute Coimbatore - 641 007 Tamil Nadu	45.25	36
1166	Advanced network analysis of the structual connectome of human brain	DST-SERB-ECRA	Ingalhalikar,M.A., Dr. (F) Symbiosis International University Symbiosis Institute of Technology Pune - 412 115 Maharashtra	25.89	36
1167	Assessment of the effect of Aspirin treatment on neural stem cells and the regulation of hippocampal neurogenesis in the adult brain on the expermental rodents: A non invasive attempt for the brain	DST-SERB-ECRA	Kandasamy,M., Dr. (M) Bharathidasan University Tiruchirappalli - 620 024 Tamil Nadu	52.00	36
1168	Bio engineered three dimensional stem cell niche for intervertebral disc repair and regeneration	DST-SERB-ECRA	Srivastava,A., Dr. (M) National Institute of Pharmaceutical Education & Research Ahmedabad - 382 355 Gujarat	38.13	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1169	Biotechnological valorization of Molasses Distillery Spent Wash (MDSW) through production of single cell oil and simultaneous removal of potential nutrients	DST-SERB-ECRA	Muniraj,I.K., Dr. (M) Kumaraguru Institute of Agriculture Erode - 638 315 Tamil Nadu	22.63	36
1170	Characterisation of root system traits in Sugarcane germplasm	DST-SERB-ECRA	Vengavasi,K., Dr. (M) ICAR-Sugarcane Breeding Institute Coimbatore - 641 007 Tamil Nadu	36.38	36
1171	Characterization of genetic determinants of industrially beneficial physiological traits using quantitative trait loci mapping	DST-SERB-ECRA	Dakal,T.C., Dr. (M) Manipur University Jaipur - 303 007 Rajasthan	32.60	36
1172	Cloning and expression of RNA14 Pcf11-Clp1 complex for biophysical studies. The fundamental mechanisms by which 3' end processing signals (RNA elements) are recognized are common in most Eukaryotes. Yet poorly understood biophysically. It is my goal to ..	DST-SERB-ECRA	Barnwal,R.P., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	45.69	36
1173	Co encapsulated agro phyto chemical polymeric nanoparticles characterization implication in fish biosystem and evaluation of their mechanistic efficacy in bio accumulated agrochemical toxicity	DST-SERB-ECRA	Samadder,A., Dr. (F) Dum Dum Motijheel College Kolkata - 700 074 West Bengal	33.56	36
1174	Comparative transcriptome analysis of blastemas of regenerating and regeneration-deficient limbs of Indian tree frog polypedates maculatus (Gray 1830)	DST-SERB-ECRA	Mahapatra,C., Dr. (M) North Orissa University Baripada - 751 003 Odisha	47.70	36
1175	Control and regulation of ribosomal biogenesis by RNAs and RNA- binding proteins	DST-SERB-ECRA	Ramesh,A., Dr. (F) National Centre for Biological Sciences Bengaluru - 560 065 Karnataka	39.06	36
1176	Cracking the code of Nedd8 conjugation pathway via Human antigen R (HuR) signaling in ocular angiogenesis	DST-SERB-ECRA	Ramasubramanyan,S., Dr. (F) Vision Research Foundation Chennai - 600 006 Tamil Nadu	41.38	36
1177	Deciphering miRNA MRNA modules associated with Darjeeling tea quality	DST-SERB-ECRA	Agarwal,N., Dr. (M) Gauhati University Guwahati - 781 014 Assam	43.73	36
1178	Design and development of multiplex assay integrated nanodevice for rapid 'on field' identification of body fluids	DST-SERB-ECRA	Shukla,R.K., Dr. (M) Ahmedabad University Amreli Ahmedabad - 380 009 Gujarat	42.71	36
1179	Development and assessment of novel formulations containing therapeutic proteins and SiRNA for treatment of Diabetic retinopathy	DST-SERB-ECRA	Singh,K., Dr. (F) SVKM's Narsee Monjee Institute of Management Studies Mumbai - 400 056 Maharashtra	41.21	36
1180	Development of a label free stokes muller polarization microscopy for tissue characterization	DST-SERB-ECRA	Mazumdar,N., Dr. (M) Manipal University Manipal - 576 104 Karnataka	39.93	36
1181	Development of a novel approach, M-TRAP (Multi Tagged Translating Ribosome Affinity Purification) to profile cell-cell interactions in central nervous system cells by secreted Glycoprotein YKL 40 (CHI3L1: Chitinase 3-Like 1)	DST-SERB-ECRA	Singh,S.K., Dr. (M) Indian Institute of Technology (Hyderabad) Sangareddy - 502 205 Telangana	30.36	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1182	Development of gastro retentive drug delivery systems using novel natural mucilage for improved bioavailability	DST-SERB-ECRA	Gugulothu,D.B., Dr. (M) Balaji Institute of Pharmaceutical Sciences Warangal - 506 331 Telangana	36.43	36
1183	Development of haploid inducer line in Brassica oleracea var botrytis through CRISPR cas mediated engineering of centrometric Histone H3 gene	DST-SERB-ECRA	Watts,A., Dr. (M) ICAR-National Research Centre on Plant Biotechnology Pussa Campus New Delhi - 110 012 Delhi	40.21	36
1184	Development of Indian Pharmacopoeia Reference Standards (IPRS) for assuring the quality of biologies in India	DST-SERB-ECRA	Singh,G.P., Dr. (M) Indian Pharmacopoeia Commission Ghaziabad - 201 002 Uttar Pradesh	15.36	36
1185	Development of novel binding systems for restructured buffalo meat products	DST-SERB-ECRA	Reddy,G.V., Dr. (M) Sri Venkateswara Veterinary University Tirupati - 517 502 Andhra Pradesh	24.65	36
1186	Development of plant extract based formulations and its efficacy study on Lepidopteran larvae	DST-SERB-ECRA	Banerjee,M., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	29.63	36
1187	Dissecting brain reward circuitry and CNs comorbidities in chronic neuropathic pain	DST-SERB-ECRA	Tiwari,V., Dr. (M) National Institute of Pharmaceutical Education & Research Ahmedabad - 382 355 Gujarat	49.10	36
1188	Dissecting the molecular mechanism of glutathione mediated regulation of iron homeostasis in Arabidopsis Thaliana	DST-SERB-ECRA	Datta,R., Dr. (F) Dr. A.P.J. Abdul Kalam Government College Kolkata - 700 156 West Bengal	49.83	36
1189	Diversity and influence of Edaphic rhizosphere microbiome and crop diversification factors towards suppressive/conduciveness of Ralstonia Solanacearum incitant of bacterial wilt of Solanaceous vegetable crops in West	DST-SERB-ECRA	Roybarman,A., Dr. (M) Bidhan Chandra Krishi Viswavidyalaya Nadia - 741 252 West Bengal	28.65	36
1190	Ds-RNA based strategy for the management of potato Cyst nematode	DST-SERB-ECRA	Bairwa,A., Dr. (F) ICAR-Central Potato Research Institute Shimla - 171 001 Himachal Pradesh	24.35	36
1191	Elucidating the role of FATP family of fatty acid transporters in C elegans aging	DST-SERB-ECRA	Thondamal,M., Dr. (F) Dr. Reddy Institute of Life Sciences University of Hyderabad Hyderabad - 500 046 Telangana	44.53	36
1192	Ending micronutrient malnutrition through value added traditional rural fermented dairy foods of Haryana and Rajasthan	DST-SERB-ECRA	Dhewa,T., Dr. (M) Central University of Haryana Mahendragarh - 123 001 Haryana	42.13	36
1193	Engineering DNA origami based nanodevice for bio applications and multiplex analysis	DST-SERB-ECRA	Kumar,V., Dr. (M) Amity University Noida - 201 313 Uttar Pradesh	38.29	36
1194	Establishment of Zebrafish - vibrio anguillarum host-pathogen model to analyse the influence of environmental factors on vibriosis	DST-SERB-ECRA	Banerjee,S., Dr. (F) National Institute of Science Education & Research Bhubaneswar - 751 005 Odisha	20.13	36
1195	Evaluation of efficacy of novel stabilized Omega 3 fatty acid and antooxidants formulation for the prevention and treatment of metabolic syndrome	DST-SERB-ECRA	Zanwar,A.A., Dr. (M) Bharati Vidyapeeth University Pune - 411 030 Maharashtra	40.37	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1196	Evaluation of Pax3 as a targeted therapeutics for pediatric solid tumors	DST-SERB-ECRA	Jothi,M., Dr. (F) National Institute of Mental Health & Neuro Sciences Bengaluru - 560 029 Karnataka	41.37	36
1197	Evaluation of secreted proteases of ustilago maydis as potential effector proteins	DST-SERB-ECRA	Ghosh,A., Dr. (F) Bose Institute Kolkata - 700 054 West Bengal	25.53	36
1198	Evaluation of tomato associated rhizobacteria for biocontrol of wilt pathogen fusarium oxysisporum	DST-SERB-ECRA	Thangavel,K., Dr. (F) Alagappa University Karaikudi - 630 003 Tamil Nadu	14.29	36
1199	Exploration of interaction between Ghrelin and Dopamine during co- morbidity of lifestyle diseases and neuropsychiatric disorders in high fat diet fed mice	DST-SERB-ECRA	Mahajan,U.B., Dr. (M) R.C. Patel College of Pharmacy Shirpur - 425 405 Maharashtra	38.00	36
1200	Exploring the role of regulatory T cells through NFATs and FOXP3 in pathogenesis of vitiligo	DST-SERB-ECRA	Dwivedi,M.K., Dr. (F) Uka Tarsadia University Surat - 394 350 Gujarat	38.92	36
1201	Exploring the significance of genetic redundancy of Wnt genes: Mutations and molecular analysis	DST-SERB-ECRA	Yadav,P.S., Dr. (F) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	36.34	36
1202	False smut disease of rice understanding pathogen diversity pathogenomics and host pathogen transcriptomics during infection	DST-SERB-ECRA	Devanna,P., Dr. (M) Agricultural Sciences University Raichur - 584 104 Karnataka	47.73	36
1203	Fine mapping of broad spectrum new leaf rust resistance gene in triticum timopheevii derivative "Selection G12"	DST-SERB-ECRA	Jha,S.K., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	28.75	36
1204	First molecular characterization of the Intraflagellar Transport (IFT) interactome of a flagellated fungus	DST-SERB-ECRA	Kateriya,S., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	41.98	36
1205	Functional interactions between vasotocin and corticosteroids in catfish heteropneustes fossilis	DST-SERB-ECRA	Singh,V., Dr. (F) Delhi University Kalindi College, Patel Nagar New Delhi - 110 021 Delhi	23.07	36
1206	Genetic and management interventions to identify the key role players in bull semen freezability and to reduce the cryoinjury on bull spermatozoa	DST-SERB-ECRA	Alyethodi,R.R., Dr. (M) ICAR-Central Institute for Research on Cattle Meerut - 250 001 Uttar Pradesh	32.11	36
1207	Genetic enhancement in Pigeonpea (Cajanu cajan L Millsp) through pre breeding efforts for developing phytopthora stem blight resistant/ tolerant and photo-thermal insensitive early genotypes	DST-SERB-ECRA	Naik,S.S.J., Dr. (M) ICAR-Indian Institute of Pulses Research Kanpur - 208 014 Uttar Pradesh	36.69	36
1208	Hyperspectral Remote Sensing of the foliar nutrients in crops	DST-SERB-ECRA	Mahajan,G.R., Dr. (M) ICAR-Central Coastal Agricultural Research Institute Goa - 403 402 Goa	28.68	36
1209	Identification and functional characterization of G4 DNA in helicobacter pylori: A novel therapeutic target	DST-SERB-ECRA	Yadav,P., Dr. (M) Central University of Haryana Mahendragarh - 123 001 Haryana	36.90	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1210	Identification of novel targets for effective drugs/vaccines against infectious diseases by employing computational strategies	DST-SERB-ECRA	Sharma,D., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	28.38	36
1211	Identification of salt responsive genes and micro RNA targets from salt tolerant Erianthus Arundinaceus clone IND99 884 through transcriptome analysis	DST-SERB-ECRA	Channappa,M., Dr. (M) ICAR-Sugarcane Breeding Institute Coimbatore - 641 007 Tamil Nadu	40.52	36
1212	Identification, characterization & validation of miRNAs & target mRNAs for nitrogen & phosphorous use efficiency in maize	DST-SERB-ECRA	Mallikarjuna,M., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	27.99	36
1213	Implementing green chemistry principle to formulate an ecofriendly marine antibiofouling and anticorrosive coating using selected plants of parangipettai coastal enviorns	DST-SERB-ECRA	Pandian,S., Dr. (M) Annamalai University Annamalainagar - 608 502 Tamil Nadu	35.54	36
1214	Investigating the biotechnological potential of lactobacillus B-Glucosidases in releasing important phytochemicals during mango fruit processing	DST-SERB-ECRA	Kulkarni,R., Dr. (M) Symbiosis International University Pune - 411 004 Maharashtra	41.44	36
1215	Investigating the effect of glycosylation on the structure and dynamics of biomarker myelin oligodendrocyte glycoprotein - de novo design of therapeutic glycopeptide for multiple sclerosis	DST-SERB-ECRA	Ramya,L., Dr. (M) SASTRA University Thanjavur - 613 401 Tamil Nadu	22.22	36
1216	IsoSeq analysis and functional annotation of molecularly classified medulloblastoma on pacBio RSII platform	DST-SERB-ECRA	Singh,N., Dr. (F) King George's Medical University Lucknow - 226 003 Uttar Pradesh	50.49	36
1217	Lipid protein interplay: Computational approaches to characterize the time dependent spatial and dynamical hetrogenities and their fluctuations during protein mediated deformation in membranes	DST-SERB-ECRA	Srivastava,A., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	50.78	36
1218	Magnetic nanoparticles and quantum dots coupled visual confirmation of Cervical cancer cells from cytology sample a cost effective quick and suitable test for rural Indian setup	DST-SERB-ECRA	Yadav,S.C., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	38.68	36
1219	Mechanism and function of modulation of human immune responses by Dengue virus non structural protein 1	DST-SERB-ECRA	Gupta,N., Dr. (M) National Institute of Immunology New Delhi - 110 067 Delhi	47.66	36
1220	Microbiome mediated fate and transformation of man released nano pollutants	DST-SERB-ECRA	Suresh,A.K., Dr. (M) S.R.M. University Kattankulathur - 603 203 Tamil Nadu	46.73	36
1221	Mitigation of radiation induced esophagitis by pyrazole (1,2 Diazole) from rhizophora apiculata and its potential applications as an effective radioprotector	DST-SERB-ECRA	Guruvayoorappan,C., Dr. (M) Regional Cancer Centre Thiruvananthapuram - 695 011 Kerala	26.90	36
1222	Molecular and functional characterization of spectrum of mutation in Tyrosinemia type1 patients diagnostic and genetic implications	DST-SERB-ECRA	Ram,S., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	44.15	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1223	Molecular dissection of mechanism of resistance to sheath blight in rice	DST-SERB-ECRA	Bisht,D.S., Dr. (M) ICAR-National Research Centre on Plant Biotechnology Pusa Campus New Delhi - 110 012 Delhi	36.36	36
1224	Molecular phylogenetic approach towards understanding floral evolution and biogeographic patterns in an understory perennial herb Hedychium J Koenig (Zingiberaceae)	DST-SERB-ECRA	Gowda,V., Dr. (F) Indian Institute of Science Education & Research (Bhopal) Bhopal - 462 023 Madhya Pradesh	32.54	36
1225	Mutation assisted breeding for clove size and disease resistance in Garlic (Allium sativum L)	DST-SERB-ECRA	Sharma,M., Dr. (F) Punjab Agricultural University Ludhiana - 141 027 Punjab	29.79	36
1226	Physiological & molecular dissection of greengram (Vigna radiata (L) wilezek). Genotypes for drought & high temperature stress tolerance	DST-SERB-ECRA	Rajendraprasad,V.B., Dr. (M) Tamil Nadu Agricultural University Coimbatore - 641 003 Tamil Nadu	46.03	36
1227	Role of genomic biomarkers in predicting propylactic response to lithium in paediatric onset bipolar disorder	DST-SERB-ECRA	Preeti,K., Dr. (F) Jawaharlal Institute of P.G. Medical Education & Research Puducherry - 605 006 Puducherry	22.71	36
1228	Single molecule biosensing with hetero oligomeric protein nanopores	DST-SERB-ECRA	Radhakrishan,M.K., Dr. (M) Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram - 695 014 Kerala	37.54	36
1229	Spatial and functional diversity of ACC deaminase producing bacteria in crops grown organically	DST-SERB-ECRA	Pandey,S., Dr. (F) Amity University Noida - 201 301 Uttar Pradesh	33.88	36
1230	Structure function analysis of the centromeres and its associated centromeric protein CENP-A of the human pathogenic candida parapsilosis sensu lato species complex	DST-SERB-ECRA	Chatterjee,G., Dr. (M) Ramakrishna Mission Vivekananda College Howrah - 700 118 West Bengal	40.50	36
1231	Studies on pollination dynamics, Pod yield and oil content in Pongamia pinnata	DST-SERB-ECRA	Kumar,V., Dr. (M) National Research Centre for Agroforestry Jhansi - 284 003 Uttar Pradesh	30.00	36
1232	Studies on the role of suppressor proteins of Chilli Leaf Curl Virus in the development of leaf curl disease	DST-SERB-ECRA	Arem,S.G., Dr. (F) S.R.M. University Kattankulathur - 603 203 Tamil Nadu	28.11	36
1233	Study the role of macrophage-heterogeneity in nanoparticle toxicity mitigation	DST-SERB-ECRA	Singh,D.K., Dr. (M) CSIR-Industrial Toxicology Research Centre Lucknow - 226 001 Uttar Pradesh	42.51	36
1234	Sub cellular targeting of invertase inhibitory proteins a novel approach to enhance sucrose yield in Sugarcane	DST-SERB-ECRA	Shivalingamurthy,S.G., Dr. (M) ICAR-Sugarcane Breeding Institute Coimbatore - 641 007 Tamil Nadu	30.48	36
1235	Sustainable hydrogen production using sulfate reducing bacteria as new hydrogenase rich microorganisms	DST-SERB-ECRA	Singh,R., Dr. (M) Central University of Gujarat Gandhinagar - 382 030 Gujarat	31.53	36
1236	Temozolomide delivery across blood brain barrier through nanomagnetic transducer: A targeted therapy for Glioblastoma multiforme	DST-SERB-ECRA	Sharma,D., Dr. (F) Institute of Nano Science & Technology Mohali - 160 047 Punjab	46.94	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1237	Testing a flow cytometry based screening strategy for the detection of Tyrosine kinase domain fusion genes in end-induction minimal residual disease Postive B - Acute Lymphoblastic Leukemia lackning recurrent cytogenetic abnormalities	DST-SERB-ECRA	Sreedharanunni,S., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	24.02	36
1238	Tissue Factor (TF) mediated regulation of adhesion molecules and Apoptosis of trophoblast in Antiphospholipid Syndrome (APS)	DST-SERB-ECRA	Velayuthaprabhu,S., Dr. (M) Bharathiar University Coimbatore - 641 046 Tamil Nadu	37.49	36
1239	To investigate the role of septin family of proteins as membrane diffusion barriers during neuronal development	DST-SERB-ECRA	Deepak,M.J., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	38.10	36
1240	To study role of the Melanocortin 1 Receptor (MC1R) gene in shaping pigmentation variation among tribal and caste populations of west Maharashtra	DST-SERB-ECRA	Jonnalagadda,M.K., Dr. (M) Symbiosis International University Symbiosis School of Liberal Arts Pune - 411 014 Maharashtra	42.60	36
1241	Tracking the pharmacological basis for ethno medicinal values of halophytes along the coastal areas of Tamil Nadu	DST-SERB-ECRA	Murugesan,A., Dr. (M) Lady Doak College Madurai - 655 002 Tamil Nadu	34.21	36
1242	Unraveling the structure function dynamics of LncRNA CONCR and helicase DDX11 in regulating sister chromatid cohesion	DST-SERB-ECRA	Ekka,M.K., Dr. (F) CSIR-Institute of Genomics & Integrative Biology New Delhi - 110 025 Delhi	38.99	36
1243	Attenuation of quorum sensing & biofilm mediated virulence of pseudomonas aeruginosa by selected phytochemicals & understanding the mechanism of action	DST-SERB-EMEQ	Siddhardha,B., Dr. (M) Pondicherry University Puducherry - 605 014 Puducherry	38.81	36
1244	Autosomal & mitochondrial DNA perspectives of Dravidian SC/ST populations in Tamil Nadu, South India	DST-SERB-EMEQ	Arumugam,K., Dr. (F) National College Tiruchirappalli - 620 015 Tamil Nadu	27.88	36
1245	Biochemical & molecular mechanisms underlying the therapeutic potential of Moringa oleifera on high fat diet induced obesity & gut microbial derangements: A mechanistic approach	DST-SERB-EMEQ	Balaji,M., Dr. (M) Sri Venkateswara University Tirupati - 517 502 Andhra Pradesh	37.78	36
1246	Buckwheat in Indian Himalayan & north easter regions: Food science & nutrition intervention for better understanding of buckwheat quality, wider utilization as value addition in common processed foods	DST-SERB-EMEQ	Kasar,C., Dr. (F) CSIR-Central Food Technological Research Institute Mysore - 570 020 Karnataka	28.96	36
1247	Characterization & evaluation of non-descript goat population of Marathwada & western Maharashtra	DST-SERB-EMEQ	Dongre,V.B., Dr. (M) Maharashtra Animal & Fishery Sciences University College of Veterinary & Animal Science, Cattle Breeding Farm, Udgir Latur - 413 512 Maharashtra	25.70	36
1248	Detection, quantification & changing scenario of virulent population of Asian rice gall midge, Orseolia oryzae (wood mason) (Diptera: Cecidomyiidae) in new locations of southern & coastal regions & management strategies to overcome its menace in Ka	DST-SERB-EMEQ	Vijaykumar,L., Dr. (M) Agricultural Sciences University Dharwad - 580 005 Karnataka	34.36	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1249	Development & optimization of a bacterial process for degradation & detoxification of Recalcitrant Organic Pollutants (ROPs) from tannery wastewater for environmental safety	DST-SERB-EMEQ	Bharagava,R.N., Dr. (M) Babasaheb Bhimrao Ambedkar University Lucknow - 226 025 Uttar Pradesh	46.93	36
1250	Development of a novel nisin loaded organogel system: A topical therapeutic approach against skin cancer	DST-SERB-EMEQ	Preet,S., Dr. (F) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	41.08	36
1251	Development of baited trap to control the aphid, Aphis craccivora (Koch) (Hemiptera: Aphididae) on Lathyrus sativus L. plants & evaluation of transgenic L. sativus plants against this aphid	DST-SERB-EMEQ	Barik,A., Dr. (M) Burdwan University Department of Zoology Burdwan - 713 104 West Bengal	40.36	36
1252	Development of electrochemical immunosensor for Vitamine D estimation	DST-SERB-EMEQ	Prabhakar,N., Dr. (F) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	52.01	36
1253	Development of Microbial Fuel Cell (MFC) based process for domestic wastewater treatment & power generation: Application in improving treatment sustainability	DST-SERB-EMEQ	Mewaram,R.R., Dr. (F) Motilal Nehru National Institute of Technology (Allahabad) Allahabad - 211 004 Uttar Pradesh	39.26	36
1254	Development of solid state fermentative production of Chitosanase from crustacean waste & its application as an organic mannure	DST-SERB-EMEQ	Chitturi,C.M.K., Dr. (F) Sri Padmavati Mahila Visvavidyalayam Department of Microbiology Tirupati - 517 502 Andhra Pradesh	33.36	36
1255	Diveristy, molecular taxonomy & bioprospecting of Xylariales in western ghats region of Shivamogga District, Karnataka, India	DST-SERB-EMEQ	Krishnappa,M., Dr. (M) Kuvempu University Shimoga - 577 204 Karnataka	34.36	36
1256	Diversity & Geographical distribution of symbionts in Aphids on different host plants: Sympatric association & infection frequency	DST-SERB-EMEQ	Shivanna,B., Dr. (M) Assistant Professor Agricultural Sciences University Department of Entomology, College of Agriculture Bengaluru - 560 065 Karnataka	36.41	36
1257	Dynamics of phytoplankton functional groups & primary productivity patterns of estuaries in the southwest coast of India	DST-SERB-EMEQ	Madhu,N.V., Dr. (M) CSIR-National Institute of Oceanography Panaji - 403 004 Goa	34.91	36
1258	Effect of essential oils in combination with edible packing on stability of emulsion based chicken products stored under refrigerated & frozen condition	DST-SERB-EMEQ	Kiran,M., Dr. (M) Karnataka Veterinary Animal & Fisheries Sciences University Department of Livestock Products Technology, Veterinary College Bidar - 585 403 Karnataka	27.30	36
1259	Effect of potato based cropping sequences on virulence of Rhizoctonia solani (Kuhn), its variability & management	DST-SERB-EMEQ	Lal,M., Dr. (M) ICAR-Central Potato Research Institute Meerut - 250 110 Uttar Pradesh	35.32	48
1260	Elucidation of neuroendocrine effects of urotensin 1, melanin concentrating hormone & beta-MSH on pituitary-ovary axis in the fish oreochromis mossambicus	DST-SERB-EMEQ	Ganesh,C.B., Dr. (M) Karnatak University Dharwad - 580 001 Karnataka	42.03	36
1261	Engineering of the Insulin-producing probiotic yeast Saccharomyces boulardii & exploration of its applications as therapeutics for Diabetes	DST-SERB-EMEQ	Bairwa,N.K., Dr. (M) Shri Mata Vaishno Devi University Katra - 182 301 Jammu & Kashmir	47.56	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1262	Enhancing the productivity & grain quality of rice-wheat system through fertilizers, industrial wastes compost & bioinoculant use	DST-SERB-EMEQ	Meena,R.S., Dr. (M) Assistant Professor Banaras Hindu University Department of Agronomy, Institute of Agricultural Sciences Varanasi - 221 005 Uttar Pradesh	29.36	36
1263	Evaluation of phytochemical & pharmacological studies of some Indian medicinal plants for anti-Parkinsonian activity	DST-SERB-EMEQ	Kuber,B.R., Dr. (F) Associate Professor Sri Padmavati Mahila Visvavidyalayam Institute of Pharmaceutical Technology Tirupati - 517 502 Andhra Pradesh	29.86	36
1264	Genome wide identification & characterization of powdery mildew responsive NBS-LRR genes in grapes	DST-SERB-EMEQ	Singh,K., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	36.30	36
1265	Genomic selection-based accelerated breeding in Sugarcane (Saccharum species complex) with special reference to sugar content & red rot resistance	DST-SERB-EMEQ	Kumar,S., Dr. (M) ICAR-Indian Institute of Sugarcane Research Raibareilly Road Lucknow - 226 002 Uttar Pradesh	39.21	36
1266	Harnessing of Chickpea microbiome from various agro-ecological region of Uttar Pradesh to develop potential consortium for enahncing its production	DST-SERB-EMEQ	Verma,J.P., Dr. (M) Assistant Professor Banaras Hindu University Institute of Environment & Sustainable Development Varanasi - 221 005 Uttar Pradesh	35.51	36
1267	Identification of superior alleles for high yield-potential under drought & their functional markers following candidate gene approach in rice	DST-SERB-EMEQ	Biswas,T., Dr. (M) Bidhan Chandra Krishi Viswavidyalaya College of Agriculture Bankura - 722 132 West Bengal	35.56	36
1268	Identification, characterization & expression profiling of drought stress responsive microRNAs in coffea arabica L.	DST-SERB-EMEQ	Rajwanshi,R., Dr. (M) Assam University Delhi - 110 085 Delhi	40.32	48
1269	In vitro adventitious root cultures of Picrorhiza kurroa as an alternative source of nutraceutical ingredients	DST-SERB-EMEQ	Bhushan,S., Dr. (M) CSIR-Institute of Himalayan Bioresource Technology Palampur - 176 061 Himachal Pradesh	26.31	36
1270	In vitro studies on reproductive behaviour, regeneration & conservation of threatened & economically important pteriodophytes of Niyamgiri Hill, Odisha	DST-SERB-EMEQ	Behera,S.K., Dr. (M) CSIR-National Botanical Research Institute Pteridology Laboratory, 436, Rana Pratap Marg Lucknow - 226 001 Uttar Pradesh	26.14	48
1271	Induction of Doubled Haploids (DHs) in tagetes species through microspace culture	DST-SERB-EMEQ	Singh,K.P., Dr. (M) ICAR-Indian Agricultural Research Institute Pusa Campus New Delhi - 110 012 Delhi	26.62	36
1272	Investigation(s) of HCMV miRNAs role on cellular autophagy	DST-SERB-EMEQ	Gosipatala,S.B., Dr. (M) Babasaheb Bhimrao Ambedkar University Department of Biotechnology Lucknow - 226 025 Uttar Pradesh	46.56	36
1273	Involvement of FMRP & arc during traumatic brain injury induced Alzheimer's disease	DST-SERB-EMEQ	Gautam,A., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	34.86	36
1274	Mammalian bladder is not sterile: Characterizing the cattle (cow) urinary microbiome for undertanding its therapeutic value	DST-SERB-EMEQ	Singh,A.P., Dr. (M) Central University of Rajasthan Department of Microbiology, School of Life Science Kishangarh - 305 802 Rajasthan	39.96	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1275	Molecular charactrization of novel mucin degrading bacteria from human gut & its role in maintaining intestinal integrity	DST-SERB-EMEQ	Selwal,K.K., Dr. (M) Deenbandhu Chhotu Ram University of Science & Technology Department of Biotechnology, NH 1, Murthal Sonepat - 131 039 Haryana	40.46	36
1276	Phytomanagement of the mining dump soil of west Singbhum, Jharkhand by using bioenergy plants	DST-SERB-EMEQ	Bauddh,K., Dr. (M) Central University of Jharkhand Ranchi - 835 202 Jharkhand	26.76	36
1277	Preparation & development of adsorbent carbon fibrils from Cocos nucifera & its potential application in wastewater treatment system	DST-SERB-EMEQ	Jayabalakrishnan,R.M., Dr. (M) Assistant Professor Tamil Nadu Agricultural University Department of Environmental Sciences, Coconut Research Station Pollachi - 642 103 Tamil Nadu	31.52	48
1278	Prevalence & pathobiology of retroviral diseases in sheep & goats	DST-SERB-EMEQ	Kumar,P., Dr. (M) Scientist ICAR-Indian Veterinary Research Institute Division of Pathology, Izatnagar Bareilly - 243 122 Uttar Pradesh	36.30	36
1279	Production & characterization of novel Exopolysaccharides (EPS) from indigenous white rot fungi of foot hill forests of Shivalik ranges of Chandigarh capital region for potential industrial applications	DST-SERB-EMEQ	Rahi,D.K., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	32.56	36
1280	Proteomic analysis of drug resistant & susceptible strains of Candida Albicans to decipher the drug resistant mechanism & discovery of drug targets	DST-SERB-EMEQ	Perumal,P., Dr. (M) Madras University Chennai - 600 005 Tamil Nadu	28.97	36
1281	Regulatory roles of kisspeptin & neurokinin B in gonadal maturation of farmed carp labeo rohita	DST-SERB-EMEQ	Saha,A., Dr. (M) ICAR-Central Institute of Freshwater Aquaculture Bhubaneswar - 751 002 Odisha	40.36	36
1282	Removal of total dissolved solids from water & wastewater through biological systems	DST-SERB-EMEQ	Meshram,P.U., Dr. (M) Rashtrasant Tukadoji Maharaj Nagpur University Nagpur - 440 033 Maharashtra	25.11	36
1283	Resource monitoring & integrated management of mangroves on Maharashtra Coast, India	DST-SERB-EMEQ	Telave,A.B., Dr. (M) Tuljaram Chaturchand College Baramati - 413 102 Maharashtra	22.36	36
1284	Role of SWR1 chromatin remodeling complex in radiation resistance fungus "Ustilago maydis"	DST-SERB-EMEQ	Matheshwaran,S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	46.46	36
1285	Screening of plant resources for Vitamin D3 & its metabolites	DST-SERB-EMEQ	Kumar,N., Dr. (M) CSIR-Central Institute of Medicinal & Aromatic Plants Kukrail Spot Road Lucknow - 226 002 Uttar Pradesh	35.91	36
1286	Structural & functional investigation of Mammalian Cell Entry (MCE) proteins from human pathogens: Development of structure-based lead molecules	DST-SERB-EMEQ	Kanaujia,S.P., Dr. (M) Indian Institute of Technology (Guwahati) Department of Biosciences & Bioengineering Guwahati - 781 039 Assam	42.51	36
1287	Studies on macrolide antibiotics: Application of genetic approaches for drug discovery	DST-SERB-EMEQ	Shinde,P.B., Dr. (M) CSIR-Central Salt & Marine Chemicals Research Institute Bhavnagar - 364 002 Gujarat	45.04	48

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1288	Studies on the molecualr mechanisms of self-incompatibility in Ananas comosus (L.) Merr.	DST-SERB-EMEQ	Madhavan,R.P., Prof. (F) Kerala University Department of Botany Thiruvananthapuram - 695 034 Kerala	16.40	36
1289	Studies on treatment efficacy improvement of existing tannery wastewater treatment system	DST-SERB-EMEQ	Raj,A., Dr. (M) CSIR-Indian Institute of Toxicology Research Lucknow - 226 001 Uttar Pradesh	41.36	36
1290	Systematic & molecular identification of eugenia L. species (Myrtaceae) of southern western ghats	DST-SERB-EMEQ	Rajendran,A., Dr. (M) Bharathiar University Coimbatore - 641 046 Tamil Nadu	28.41	36
1291	Targeting molecular cross-talk between dendritic cell & NK cell in tumor micro-environment to promote cancer immunity: Role of TLR agonist	DST-SERB-EMEQ	Hira,S.K., Dr. (M) Burdwan University Burdwan - 713 104 West Bengal	45.46	36
1292	The effect of therapeutic botulinum neurotoxin injection on the regulation of the hippocampal neurogenesis & cognitive functions in experimental animals	DST-SERB-EMEQ	Kandasamy,M., Dr. (M) Bharathidasan University Tiruchirappalli - 620 023 Tamil Nadu	49.92	48
1293	Tissue-specific mitochondrial biogenesis, transcriptomics & proteomics studies in buffalo	DST-SERB-EMEQ	Sadeesh,E.M., Dr. (M) Scientist ICAR-National Dairy Research Institute Division of Animal Biochemistry, Near Jewels Hostel Karnal - 132 001 Haryana	46.83	36
1294	To understand the role of GTP-binding proteins: A complex regulator for survival & pathogenesis mechanism in Mycobacterium Tuberculosis H37Rv	DST-SERB-EMEQ	Meena,L.S., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Pocket B, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	33.70	48
1295	Towards development of nutritional alternative to infant feeding-relevance of donkey milk	DST-SERB-EMEQ	Ramachandra,C.T., Dr. (M) Associate Professor Agricultural Sciences University Department of Agricultural Engineering Bengaluru - 560 065 Karnataka	34.36	36
1296	Developmental neurotoxicity of manganese: Protection with nutroient metal mixture supplementation	DST-SERB-YSS	Basha,C.D., Mr. (M) Sri Venkateswara University D.No. 11-198, Tharakarama Nagar, Vidyanagar Colony Tirupati - 517 502 Andhra Pradesh	34.90	36
1297	Bioprocessing of agro-residues with coconut husk & jute for the production of lignocellulotic enzymes with simultaneous softening process of natural fibres	DST-SYST	Jayapriya,J., Dr. (F) Anna University Chennai - 600 025 Tamil Nadu	18.15	36
1298	Computational dissection & validation of traditional medicinal plant system of Manipur	DST-SYST	Meetei,P.A., Dr. (M) Manipur University Department of Biotechnology, Canchipur Imphal - 795 003 Manipur	26.23	36
1299	Conversion of biomass into biodegradable plastics & their applications	DST-SYST	Baskar,S., Dr. (F) Forest Research Institute Dehradun - 248 006 Uttarakhand	34.66	36
1300	Development of LED traps for controlling major insect pests & predators in muga ecosystem - needs for organic muga silk production	DST-SYST	Kumar,R., Dr. (M) Central Muga Eri Research & Training Instittue Central Silk Board, Ministry of Textiles, Lahodoigarh Jorhat - 785 700 Assam	14.79	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1301	Development of orange waste bio refinery	DST-SYST	Tajanee,S.P., Dr. (F) Visvesvaraya National Institute of Technology (Nagpur) South Ambazari Road Nagpur - 440 010 Maharashtra	11.16	36
1302	Development of simple & cost effective process for recovery of proteins from dairy waste	DST-SYST	Agrawal,S., Mr. (M) Visvesvaraya National Institute of Technology (Nagpur) South Ambazari Road Nagpur - 440 010 Maharashtra	15.99	36
1303	Electrochemical DNA sensor for the diagnosis of scrub typhys	DST-SYST	Kaushal,A., Dr. (M) Shoolini University Post Box 9, Head Office The Mall Solan - 173 212 Himachal Pradesh	26.93	36
1304	Identification of elite chemotype(s) of Plumbago zeylancia linn, collected in India & evaluation of biological potential of elite germplasm	DST-SYST	Shukla,P.K., Mr. (M) CSIR-National Botanical Research Institute Lucknow - 226 001 Uttar Pradesh	21.36	36
1305	Microbial & biochemical study on traditionally fermented fish food 'Napham' of Assam for value addition	DST-SYST	Narzary,D., Dr. (M) Gauhati University Guwahati - 781 014 Assam	11.73	36
1306	Spirulina based nutraceutical bio-product development, marketing for improvement of livelihood of local community of valley region of Imphal	DST-SYST	Devi,T.I., Dr. (F) Institute of Bioresources & Sustainable Development Takyelpat Imphal - 795 001 Manipur	20.88	36
1307	Utilization of flower waste generated in temple & market vicinity for development of value added products as a revenue generation model for women	DST-SYST	Das,A.S.I., Mr. (M) Sir M. Visvesvaraya Institute of Technology Krishnadevararya Nagar, Hunasamaranahalli, International Airport Road, Via Yelanhanka Bengaluru - 562 157 Karnataka	14.26	36
1308	Water quality assessment & indexing of river Ganga & Ganga canal in Uttarakhand	DST-SYST	Matta,G., Dr. (M) Gurukula Kangri University Department of Zoology & Environmental Science Haridwar - 249 404 Uttarakhand	30.16	36
1309	A study to understand drug induced acute kidney injury using bioinformatics approach	DST-WOS-A	Satalkar,V.S., Dr. (F) Dr. D.Y. Patil University Dr DY Patil Biotechnology & Bioinformatics Institute, Tathawade Pune - 411 052 Maharashtra	30.45	36
1310	AMPK mediated energy dynamics: A cue for mTOR dependent growth regulation for cancer genesis	DST-WOS-A	Qureshi,M.A., Dr. (F) Kashmir University Department of Biotechnology, Hazratbal Srinagar - 190 006 Jammu & Kashmir	32.65	36
1311	Analysis of chikungunya virus nsp3 protein micro/macro interactors	DST-WOS-A	Nandi,I., Ms. (F) Jaypee Institute of Information Technology Department of Biotechnology, A-10, Sector-62 Noida - 201 307 Uttar Pradesh	20.29	36
1312	Arsenite oxidation by soil fungi: A detoxification mechanism for arsenic mycoremediation	DST-WOS-A	Srivastava,A., Dr. (F) CSIR-National Botanical Research Institute Department of Plant Ecology & Environmental Sciences Lucknow - 226 001 Uttar Pradesh	28.30	36
1313	Biosystamatic studies of predatory mites (Mesostigmata: Phytoseiidae) associated with economic important plants of North Kerala	DST-WOS-A	Sheeja,U.M., Dr. (F) Calicut University Kozhikode - 673 019 Kerala	29.95	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1314	Biotechnological interventions to enhance the production & accumulation of important withanolides in Withania somnifera (L.) Dunal	DST-WOS-A	Kaur,K., Dr. (F) Guru Nanak Dev University Department of Biotechnology Amritsar - 143 005 Punjab	29.95	36
1315	Characterization & utilization of sulphur nanoparticles for Anthracnose disease management in Chilli & understanding of the underlying mechanism	DST-WOS-A	Bijali,J., Ms. (F) Calcutta University Department of Botany, Molecular & Applied Mycology & Plant Pathology Laboratory, Centre of Advanced Study, 35, Ballygunge Circular Road Kolkata - 700 019 West Bengal	19.32	36
1316	Characterization of dendritic cell subsets in blood and decidua of pre-eclampsia patients	DST-WOS-A	Sundararajan,A., Dr. (F) Indian Institute of Public Health Gandhinagar - 382 042 Gujarat	31.53	36
1317	Characterization of effect of Sox5 transcription factor on the expression of hPLSCR1, hPLSCR2 & hPLSCR4 human srambalase genes	DST-WOS-A	Jaiwal,A., Dr. (F) Indian Institute of Technology (Madras) Department of Biotechnology, Applied & Industrial Microbiology Lab, Bhupat & Jyoti Mehta School of Biosciences Chennai - 600 036 Tamil Nadu	28.80	36
1318	Characterization of immunomodulatory molecules targeting p38 MAPK/cPLA2 pathway from Sanadhika plant in experimental autoimmune Encephalomyelitis model	DST-WOS-A	Kavitha,R.V., Ms. (F) Indian Institute of Science Education & Research (Pune) Department of Biology, Homi Bhabha Road Pune - 411 008 Maharashtra	32.70	36
1319	Characterization of novel antimicrobial compounds from Suaeda nudiflora of Indian Sundarbans	DST-WOS-A	Roy,M., Dr. (F) Bose Institute Kolkata - 700 054 West Bengal	30.10	36
1320	Cloning & stimulation of FUR genes to enhance production of arid & semiarid bacterial siderophores for commercial applications	DST-WOS-A	Bhattacharya,S., Dr. (F) Rajasthan University Department of Zoology, Centre for Advanced Studies Jaipur - 302 004 Rajasthan	32.71	36
1321	Construction of linkage map and identification of QTLs linked to early maturity and drought tolerance in Macrotyloma uniflorum	DST-WOS-A	Katoch,M., Ms. (F) Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Department of Agricultural Biotechnology Palampur - 176 062 Himachal Pradesh	19.08	36
1322	Creation and exploitation of genetic variability for the development of chemotypes and morphogenetic characters through seed propagated progenies of Curcuma longa L. genotypes and their hybrids	DST-WOS-A	Mishra,R., Ms. (F) CSIR-Central Institute of Medicinal & Aromatic Plants Division of Genetics & Plant Breeding Lucknow - 226 015 Uttar Pradesh	91.74	36
1323	CRISPR/Cas mediated knockdown of wheat genes governing susceptibility to Puccinia rust pathogens	DST-WOS-A	Kiran,K., Dr. (F) ICAR-National Research Centre on Plant Biotechnology Department of Genomics & Molecular Markers, Lal Bahadur Sastri Building, IARI, Pusa Campus New Delhi - 110 012 Delhi	31.33	36
1324	De-novo transcriptome profiling in selected genotypes of industrially important bamboo (Dendrocalamus strictus (Roxb.) Nees) of Uttarakhand	DST-WOS-A	Goel,N., Dr. (F) Forest Research Institute Deparment of Genetics & Tree Propagation Dehradun - 248 195 Uttarakhand	32.70	36
1325	Development of novel packaging film for fruit & vegetable storage using metal oxides Nano particles synthesized by different process	DST-WOS-A	Thakur,S., Dr. (F) Eternal University Department of Biotechnology, Baru Sahib Sirmour - 173 229 Himachal Pradesh	24.40	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1326	Development of smart polymerosome encapsulating mAb conjugated Gold nanoparticles/anticancer drug for combined chemo-NIR photothermal therapy in breast cancer	DST-WOS-A	Naz,F., Dr. (F) Indian Institute of Technology (Delhi) Centre for Biomedical Engineering, Hauz Khas New Delhi - 110 016 Delhi	27.20	36
1327	Development of thermotolerant variety of wheat	DST-WOS-A	Ramakrishna,K., Dr. (F) Agricultural Sciences University Krishinagar Dharwad - 580 005 Karnataka	25.50	36
1328	Dissecting the role of chromatin remodeling factor TIP60 in regulation of regeneration in Planaria	DST-WOS-A	Jaiswal,B., Dr. (F) National Centre for Biological Sciences GKVK PO, Bellary Road Bengaluru - 560 065 Karnataka	32.15	36
1329	Down-regulation of Rhizoctonia solani endogenous genes by host-delivered RNA interference to enhances Sheath Blight disease resistance in rice	DST-WOS-A	Tiwari,I.M., Dr. (F) ICAR-National Research Centre on Plant Biotechnology Lal Bahadur Sastri Building, IARI, Pusa Campus New Delhi - 110 012 Delhi	31.06	36
1330	DUS characterization, assessment of seed dormancy and storage behaviour of aromatic short grain rice varieties	DST-WOS-A	Muthu,M.C., Ms. (F) College of Agriculture Department of Science & Technology, OUAT Bhubaneswar - 751 003 Odisha	18.43	36
1331	Ecosystem services valuation and carbon budget mapping of tropical dry deciduous forest, West Bengal	DST-WOS-A	Biswas,S., Dr. (F) Bidhan Chandra Krishi Viswavidyalaya Department of Agricultural Meterology & Physics, Agromet Advisory Service, Mohanpur Nadia - 741 252 West Bengal	26.33	36
1332	Effects of novel peptides isolated from buffalo ovarian follicular fluid on in vitro maturation, fertilization and embryo development of oocytes retrieved from vitrified preantral follicles	DST-WOS-A	Krishna,K., Ms. (F) ICAR-National Institute of Animal Nutrition & Physiology Division of Animal Physiology, Adugodi Bengaluru - 560 030 Karnataka	19.80	36
1333	Elucidating the function of Euchromatic Histone lysine Methyl Transferase 1(EHMT1) in Obesity & Diabetes	DST-WOS-A	Chakraborty,M., Dr. (F) Institute for Stem Cell Biology & Regenerative Medicine NCBS-TIFR Campus, GKVK PO, Bellary Road	32.60	36
1334	Enriching antioxidant properties & culm strength of popular rice cv. White ponni by targeted marker back cross approach	DST-WOS-A	Samy,S.P., Dr. (F) ICAR-National Rice Research Institute Division of Crop Improvement , Genetics & Plant Breeding Cuttack - 753 006 Odisha	29.35	36
1335	Evaluating the molecular basis for phenotypic traits in Indian Staphylococcus aureus	DST-WOS-A	Dattatri,S., Ms. (F) Indian Institute of Science Molecular Biophysics Unit Bengaluru - 560 012 Karnataka	21.41	36
1336	Evolution of sexes and sexual dimorphism	DST-WOS-A	Iyer,P.L., Dr. (F) Indian Institute of Science Bengaluru - 560 012 Karnataka	24.70	36
1337	Exploration and DNA barcoding of wild endemic mushrooms found in Manipur having high potential for lignin degradation to support bioremediation	DST-WOS-A	Bijoya,K., Dr. (F) Gauhati University Department of Botany, Gopinath Bordoloi Nagar Guwahati - 781 014 Assam	31.57	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1338	Exploration of antifungal potential of Chaetomium spp. against fusarium wilt of tomato	DST-WOS-A	Sangeetha,C., Dr. (F) Tamil Nadu Agricultural University Department of Plant Pathology, Centre for Plant Protection Studies Coimbatore - 641 003 Tamil Nadu	24.90	36
1339	Exploring cold active pectinases from bacteria of Western Himalayan regions for industrial applications	DST-WOS-A	Sharma,R., Ms. (F) CSIR-Institute of Himalayan Bioresource Technology Department of Biotechnology, Molecular & Microbial Genetics Laboratory, Palampu Kangra - 176 061 Himachal Pradesh	17.10	36
1340	Exploring the influence of deacetylation on DRG neuronal exocytotic property in nerve injured animals rats	DST-WOS-A	Krishnaswamy,T., Mr. (F) National Institute of Mental Health & Neuro Sciences Department of Biophysics Bengaluru - 560 029 Karnataka	26.45	36
1341	Fabrication, characterization and optimization of a 'Duckweed water treatment plant' for removal of as and Fl from water and bioremediation with scope for value added technologies	DST-WOS-A	Thakuria,A., Ms. (F) Indian Institute of Technology (Guwahati) Department of Centre for Energy Guwahati - 781 039 Assam	17.28	36
1342	Fibulin-1 - A novel regulator of EGFR signaling in lung cancer?	DST-WOS-A	Harikrishnan,K., Dr. (F) Indian Institute of Science Education & Research (Pune) Department of Biology, Dr Homi Bhabha Road Pune - 411 008 Maharashtra	32.70	36
1343	Functional characterization of cell wall related genes in lignocellulosic biofuel crop model Setaria viridis by VIGS	DST-WOS-A	Ramanna,H., Dr. (F) National Institute of Plant Genome Research Aruna Asaf Ali Marg, JNU Campus New Delhi - 110 067 Delhi	31.61	36
1344	Functional characterization of transcription factors in rice (Oryza sativa) by chemical genomic approach	DST-WOS-A	Vanitha,P.A., Dr. (F) Agricultural Sciences University Department of Crop Physiology Bengaluru - 560 065 Karnataka	21.39	36
1345	Gene expression in narikuravar alkpatonuria patients carrying a common splice variant	DST-WOS-A	Cleave,S.S., Dr. (F) Christian Medical College & Hospital Clincal Genetics Unit Vellore - 632 004 Tamil Nadu	32.15	36
1346	Genetics and molecular mapping of pumpkin yellow vein mosaic disease resistance gene(s) in pumpkin (cucurbita moschata duch. ex poir)	DST-WOS-A	Gopa,J.A., Dr. (F) Maharaja Ganga Singh University Department of Microbiology Bikaner - 334 001 Rajasthan	24.80	36
1347	Genome wide association mapping for yield contributing traits in Indian mustard (Brassica juncea L. Czern & Coss.)	DST-WOS-A	Parmar,N., Dr. (F) ICAR-Directorate of Rapeseed Mustard Research Bharatpur - 321 303 Rajasthan	29.79	36
1348	Identification & characterization of genes in signaling mechanisms for drought tolerance in Pigeon pea	DST-WOS-A	Koilkonda,P., Dr. (F) ICAR-Central Research Institute for Dryland Agriculture Division of Crop Sciences, Santoshnagar Hyderabad - 500 059 Telangana	29.95	36
1349	Identification & functional characterization of differentially expressed drought responsive conserved & novel miRNAs in Asiatic grain legume Vigna unguiculata	DST-WOS-A	Mishra,S., Dr. (F) Institute of Life Sciences Nalco Square Bhubaneswar - 751 023 Odisha	32.16	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1350	Identification of comparative genetic and epigenetic alterations of various proto-oncogenes and tumor suppressor genes, implicated in development of aberrant crypt foci of proximal versus distal colon	DST-WOS-A	Baloda,V., Dr. (F) All India Institute of Medical Sciences Department of Pathology Academic Building, Ansari Nagar New Delhi - 110 029 Delhi	32.16	36
1351	Identification of novel cyclin F-interacting proteins & elucidation of their functional interaction with cyclin F in cell-cycle control	DST-WOS-A	Sharma,S.S., Dr. (F) Department of Molecular Reproduction, Development and Genetics Bengaluru - 560 012 Karnataka	32.53	36
1352	Identification of novel multi-target allosteric modulators of Tyrosine Kinases using structural bioinformatics & pharmacological approach	DST-WOS-A	Kumari,K., Dr. (F) Bhagwan Mahavir Hospital & Research Centre Hyderabad - 500 004 Telangana	18.74	36
1353	Identification of QTLs linked to aflatoxin contamination resistance in groundnut	DST-WOS-A	Yadawad,A., Dr. (F) Agricultural Sciences University Department of Biotechnology Dharwad - 580 005 Karnataka	26.55	36
1354	Identifying molecular cues and their interactions during scale formation in zebrafish	DST-WOS-A	Jacob,T.P., Dr. (F) Indian Institute of Science Education & Research (Pune) Department of Biology Pune - 411 008 Maharashtra	32.70	36
1355	Immunological responses against Tenuiproboscis sp. infections in selected marine fishes from south-west coast of Kerala	DST-WOS-A	Kaur,P., Dr. (F) ICAR-Central Marine Fisheries Research Institute Division of Marine Biotechnology, B. No. 1603, Ernakulam North Kochi - 682 018 Kerala	28.64	36
1356	Immunomodulatory molecular signatures in relation to semen fertility	DST-WOS-A	Siddalingappa,A.S., Ms. (F) ICAR-National Institute of Animal Nutrition & Physiology Adugodi Bengaluru - 560 030 Karnataka	18.21	36
1357	Improving RNAi efficiency in some lepidopterous insects through nanoparticles based dsRNA delivery system	DST-WOS-A	Sandal,S., Ms. (F) Punjab Agricultural University Regional Station Ferozpur - 151 203 Punjab	24.98	36
1358	In silico screening of aldehyde based novel inhibitor for Plasmodium Haemglobinase	DST-WOS-A	Borthakur,T.R., Ms. (F) Assam Agricultural University Department of Agriculture Biotechnology Jorhat - 785 013 Assam	18.64	36
1359	In- vitro generation of megakaryocytes and platelets from hiPSCs differentiated in the presence of two nutraceuticals: DHA/AA, as supplements to the cytokine-containing medium	DST-WOS-A	Shabrani,N., Dr. (F) Symbiosis International University Symbiosis Knowledge Village, Gram; Lavale, Taluka, Mulshi Pune - 412 115 Maharashtra	32.70	36
1360	In vitro propagation and secondary metabolite analysis in Nardostachys jatamansi, a critically endangered medicinal herb of West Himalaya	DST-WOS-A	Priya,P., Ms. (F) Forest Research Institute Tissue Culture Discipline Dehradun - 248 006 Uttarakhand	16.61	36
1361	In vivo imaging and tracking of magnetic nanoparticles labeled stem cells using dual modalities	DST-WOS-A	Shelat,R.N., Dr. (F) SVKM's Narsee Monjee Institute of Management Studies Department of Chemistry, Sunandan Divatia School of Science, Bhaidas Building, Bhakti Vedanta Swami Marg Mumbai - 400 056 Maharashtra	21.55	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1362	Investigating post-transcriptional regulation of steroidogenic genes during development	DST-WOS-A	Vishnu,S., Dr. (F) Indian Institute of Science Education & Research (Trivandrum) School of Biotechnology Thiruvananthapuram - 695 016 Kerala	31.50	36
1363	Investigating sucrose accumulation in sugarcane through RNA-seq bulked seggregant analysis with special reference to cytoplasmic inheritance	DST-WOS-A	Banerjee,N., Dr. (F) ICAR-Indian Institute of Sugarcane Research Division of Crop Improvement, Rai Bareli Road Lucknow - 226 002 Uttar Pradesh	30.86	36
1364	Investigating the mechanisms of neuronal transport system and their regulations	DST-WOS-A	Soppina,P., Ms. (F) Indian Institute of Technology (Gandhinagar) Department of Chemistry & Bio-engineering Gandhinagar - 382 355 Gujarat	21.39	36
1365	Investigating the nature of interaction of P2X7 receptor with Pannexin 1 hemichannel & its physiological significance	DST-WOS-A	Poornima,V., Dr. (F) Jyothy Institute of Technology Centre for Incubation, Innovation Research & Consultancy Bengaluru - 560 082 Karnataka	31.05	36
1366	Investigating the signaling pathway associated with atherosclerotic macrophage foam cell formation	DST-WOS-A	Saqib,U., Dr. (F) Indian Institute of Technology (Indore) Discpline of Chemistry, School of Basic Sciences, Simrol Indore - 453 552 Madhya Pradesh	32.65	36
1367	Investigation of microRNAs involved in the transcriptional regulation of androgen receptor expression in Prostate cancer cells	DST-WOS-A	Sikand,K., Dr. (F) Panjab University Department of Biochemistry, Basic Medical Sciences, Sector-25 Chandigarh - 160 014 Chandigarh	30.99	36
1368	Investigation of the anti-cancer properties of Mallotus roxburghianus	DST-WOS-A	Tochhawng,L., Dr. (F) Mizoram University Department of Biotechnolgy Aizawal - 796 004 Mizoram	32.70	36
1369	Investigation on chloroplast originated microRNAs role in nuclear derived genes regulations in ablemoschus esculentus	DST-WOS-A	Anand,A., Dr. (F) Madurai Kamaraj University Department of Plant Biotechnology, School of Biotechnology Madurai - 625 021 Tamil Nadu	31.61	36
1370	Involvement of somatotropin in growth regulation of two economically important indigenous carps, Osteobrama belangeri and Bangana dero of Manipur & development of suitable feeds for successful culture	DST-WOS-A	Devi,N.S., Dr. (F) ICAR-Research Complex for NEH Region Manipur Centre, Lamphelpat Imphal - 795 004 Manipur	29.95	36
1371	Maneuvering native microflora in compliance with finger millet's growth in tribal belt of Chhattisgarh bastar plateau	DST-WOS-A	Kumari,P., Dr. (F) Indira Gandhi Krishi Vishwavidyalaya S.G.College of Agriculture & Research Station, Kumhrawand Jagdalpur, Krishi Nagar Raipur - 492 012 Chhattisgarh	30.39	36
1372	Mapping & transfer of higher grain length & multiple rust resistance from T. dicoccoides to cultivated wheat	DST-WOS-A	Kaur,M., Ms. (F) Molecular Biologist Panjab University School of Agricultural Biotechnology Ludhiana - 141 002 Punjab	19.25	36
1373	Metabolic engineering for generation of a robust E. coli strain for fatty acid synthesis by employing a bi-directional approach	DST-WOS-A	Harinder,D., Dr. (F) Indian Institute of Technology (Bombay) Department of Chemical Engineering, Powai Mumbai - 400 076 Maharashtra	27.90	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1374	Methane oxidizing bacteria: Community structure elucidation & cultivation from Indian lowland rice ecosystems for future applications	DST-WOS-A	Pandit,P.S., Mr. (F) Agharkar Research Institute MACS, G.G. Agarkar Road Pune - 411 004 Maharashtra	22.05	36
1375	Micro RNA as a modulator for hearing response in fruitfly	DST-WOS-A	Rout,R., Dr. (F) National Institute of Technology (Rourkela) Department of Life Science Rourkela - 769 008 Odisha	32.94	36
1376	Microfluidic based screening of low-dose dopaminergic combination therapy with an Okra extract to minimize 'wearing off' effect of chronic Parkinson's disease treatment	DST-WOS-A	Marimuthu,M., Dr. (F) Alagappa University Department of Biotechnology Karaikudi - 630 004 Tamil Nadu	32.70	36
1377	Millets as a component of diet diversity to alleviate malnutrition	DST-WOS-A	Prasad,M.E., Dr. (F) Graphic Era University Department of Biotechnology, 566/6, Bell Road, Clement Town Dehradun - 248 002 Uttarakhand	20.84	36
1378	Molecular analyses of protein kinase mediated interaction between fungus Fusarium oxysporum and its hosts Grewia asiatica and Solanum lycopersicum	DST-WOS-A	Gupta,P., Dr. (F) CSIR-Indian Institute of Integrative Medicine Division of Plant Biotechnology, Canal Road Jammu - 180 001 Jammu & Kashmir	31.33	36
1379	Molecular and functional characterization of AlRab7 & its interacting target protein from a salt secreting halophyte aeluropus lagopoides for modulating stress signalling	DST-WOS-A	Agarwal,P., Dr. (F) CSIR-Central Salt & Marine Chemicals Research Institute Division of Biotechnology & Phycology, Gijubhai Badheka Marg Bhavnagar - 364 002 Gujarat	32.16	36
1380	Molecular characterization & DNA barcoding of indigenous edible mushrooms consumed by the ethnic Tribes of Manipur	DST-WOS-A	Langhu,T., Dr. (F) ICAR-Research Complex for NEH Region Manipur Centre, Lamphelpat Imphal - 795 004 Manipur	32.16	36
1381	Molecular characterization of bZIP transcription factors and morpho-physiological analysis in drought and heat stress in Triticum aestivum L.	DST-WOS-A	Thakur,V., Ms. (F) Banasthali Vidyapeeth Department of Bioscience & Biotechnology Banasthali - 304 022 Rajasthan	21.05	36
1382	Molecular insights on regulation of mesenchymal stem cell differentiation by mta1 & butyrate to enhance tissue neovascularization and osteogenesis	DST-WOS-A	Ramachandran,K., Dr. (F) Mysore University Department of Studies in Biotechnology Mysore - 570 006 Karnataka	32.80	36
1383	Molecular mechanism of Allicin induced cytotoxicity in HPV 16 and HPV 18 positive cervical carcinoma cells, An in vitro study	DST-WOS-A	Komal, Dr. (F) All India Institute of Medical Sciences Department of Biochemistry, Ansari Nagar New Delhi - 110 029 Delhi	31.05	36
1384	Molecular physiology of carbon & nitrogen metabolism under water stress in Guar leaf (Cyamopsis tetragonaloba)	DST-WOS-A	Pandey,K., Ms. (F) CSIR-National Botanical Research Institute Rana Pratab Marg, Post Box No. 536 Lucknow - 226 001 Uttar Pradesh	15.62	36
1385	Molecular profiling of myelodysplastic syndromes subgroups-MDS with single lineage dysplasia & MDS with multilineage dysplasia for the assessment of prognosis & treatment response	DST-WOS-A	Chaubey,R., Dr. (F) All India Institute of Medical Sciences Department of Hematology New Delhi - 110 029 Delhi	29.96	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1386	Moss flora of Nagaland, India	DST-WOS-A	Doulo,V.S., Dr. (F) Kohima Science College Department of Botany, Jotsoma Kohima - 797 002 Nagaland	27.52	36
1387	Multilineage differentiation of human mesenchymal stem cell & in vivo biological response of polyvinylidene difluoride based composite materials	DST-WOS-A	Bhaskar,N., Dr. (F) Indian Institute of Science Department of Inorganic and Physical Chemistry Bengaluru - 560 012 Karnataka	29.95	36
1388	Nanozinc mediated regulation of arsenic stress in rice (Oryza sativa L.)	DST-WOS-A	Chanu,T.T., Dr. (F) Cotton University Department of University Guwahati - 781 001 Assam	32.70	36
1389	Optimization of lipid content in selected microalgae and their mass culture for utilization as live feed in aquaculture and for industrial exploitation as source of Poly Unsaturated Fatty Acids (PUFA)	DST-WOS-A	Nair,B.B., Dr. (F) ICAR-Central Marine Fisheries Research Institute Kochi - 682 018 Kerala	25.61	36
1390	Phytochemical profiling and chemical fingerprinting of Curcuma aromatica for selection, mass multiplication & quality control of high drug yielding chemotypes	DST-WOS-A	Behura,S., Dr. (F) School of Pharmaceutical Sciences Center for Biotechnology, Iksha 'O' Anusandhan Bhubaneswar - 751 003 Odisha	30.23	36
1391	Phyto-sociology, diversity and distribution of climbers in dryland ecosystems of Kachchh, Gujarat	DST-WOS-A	Deepmala,P.G., Ms. (F) Gujarat Institute of Desert Ecology Bhuj - 370 001 Gujarat	16.80	36
1392	Production and application of microbial mutanase for prevention & reduction of dental plaques	DST-WOS-A	Boddapati,S., Dr. (F) Indian Institute of Technology (Madras) Department of Biotechnology, Bhupat & Jyoti Mehta School of Biosciences Chennai - 600 036 Tamil Nadu	28.13	36
1393	Production of economical biosurfactant from microbial sources and its potential application in phytoremediation	DST-WOS-A	Mishra,N., Ms. (F) Gulbarga University Department of Microbiology Gulbarga - 585 106 Karnataka	18.95	36
1394	Production of glycomacropeptide from cheese whey at industrial level	DST-WOS-A	Sharma,N., Dr. (F) ICAR-National Dairy Research Institute Division of Dairy Chemistry Karnal - 132 001 Haryana	31.66	36
1395	Regulation of C4 PEPC: Site directed mutagenesis of amaranthus and maize enzymes	DST-WOS-A	Aloor,B.P., Dr. (F) Hyderabad University Department of Plant Sciences, School of Life Sciences Hyderabad - 500 046 Telangana	29.41	36
1396	Regulation of tyrosine hydroxylase: Implication on catecholamines in normal & neurodegenerative stress in fish	DST-WOS-A	Khatri,M.S., Dr. (F) Hyderabad University Department of Animal Biology, School of Life Sciences Hyderabad - 500 046 Telangana	30.85	36
1397	Role of estrogen subtype estrone and estriol on Hematopoietic Stem Cells (HSCs) and bone marrow regeneration	DST-WOS-A	Kumar,R.S., Dr. (F) CSIR-Central Drug Research Institute Division of Biochemistry, Sector-10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	32.15	36
1398	Role of microRNAs in masking the regenerative potential of muller glia in mammalian retina	DST-WOS-A	Mir,Q.A., Dr. (F) All India Institute of Medical Sciences Dr Rajendra Prasad Centre for Ophalmic Science New Delhi - 110 029 Delhi	29.41	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1399	Role of Nod-Like Receptor Protein 3 (NLRP3) on metastasis & angiogenesis of human melanoma cells	DST-WOS-A	Sheeja,K., Dr. (F) Regional Cancer Centre Division of Cancer Research, Medical College Thiruvananthapuram - 695 011 Kerala	1.14	36
1400	Role of PR proteins in cross-tolerance and cross-talk between the stress induced signalling pathways in Vigna radiata	DST-WOS-A	Rawat,P., Dr. (F) Kalinga Institute of Industrial Technology University School of Biotechnology Bhubaneswar - 751 024 Odisha	31.83	36
1401	Role of secondary messengers during germination and morpho-physiological characterization in regulation of magneto-priming induced alleviation of abiotic stresses in Soybean	DST-WOS-A	Kataria,S., Dr. (F) Devi Ahilya Vishwavidyalaya School of Biochemisry, Khandwa Road Indore - 452 017 Madhya Pradesh	31.90	36
1402	Role of vinculin in regulating bulge stem cell quiescence	DST-WOS-A	Biswas,R., Ms. (F) National Centre for Biological Sciences Institute for Stem Cell Biology & Regenerative Medicine, GKVK PO, Bellary Road Bengaluru - 560 065 Karnataka	19.74	36
1403	Role of viruses, expression of MPPED2 & P16 in the pathogenesis of cervical carcinogenesis	DST-WOS-A	Sujatha,T., Dr. (F) ICMR-National Institute of Nutrition Division of Pathology & Electron Microscopy, Jamai Osmania Hyderabad - 500 007 Telangana	25.71	36
1404	Screening of natural prokaryotic antimicrobial peptides against pathogenic Candida spp. & their mining for recombinant production of short peptides	DST-WOS-A	Sharma,D., Dr. (F) CSIR-Institute of Microbial Technology Chandigarh - 160 036 Chandigarh	29.40	36
1405	Seaweeds based food ingredient as Cardiovascular therapeutics	DST-WOS-A	Roy,S., Ms. (F) Annamalai University Faculty of Marine Sciences, C.A.S. in Marine Biology Parangipettai - 608 502 Tamil Nadu	14.00	24
1406	SETDB1 in hematopoiesis and hematopoietic tumors: Target genes and their regulation	DST-WOS-A	Paddibhatla,I., Dr. (F) Hyderabad University Department of Biochemistry, School of Life Sciences Hyderabad - 500 046 Telangana	29.96	36
1407	Soil carbon sequestration in tropical deciduous forests of India and it's functional relationship with community structural variables	DST-WOS-A	Mishra,S., Ms. (F) CSIR-National Botanical Research Institute Division of Plant Ecology & Environmental Sciences, Rana Pratap Marg Lucknow - 226 004 Uttar Pradesh	15.56	36
1408	Structural changes & oxidative stress induced by Silicon Nanoparticles (SiO2-NPs) on some organs of Channa punctatus (Bloch)	DST-WOS-A	Verma,H., Dr. (F) Rajasthan University Jaipur - 302 004 Rajasthan	28.86	36
1409	Structure & function of an actin binding protein, profilin in Leishmania donovani	DST-WOS-A	Ambaru,P.S.B., Ms. (F) Institute of Bioinformatics & Applied Biotechnology Biotech Park, Electronics City, Phase-I Bengaluru - 560 100 Karnataka	19.74	36
1410	Structure-function studies on novel Fibrinogen a Alpha chain protein (FGA) mutants associated renal Amyloidosis: Exploring dietary management of the disease	DST-WOS-A	Pande,M., Dr. (F) Banaras Hindu University Department of Biochemistry, Institute of Medical Sciences Varanasi - 221 005 Uttar Pradesh	29.40	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1411	Studies on nanoparticle mediated trans BBB delivery of dopamine/GDNF/CDNF in 6-OHDA induced Parkinsonion rat model for neuroprotection, neurogenesis & functional recovery: A molecular approach	DST-WOS-A	Seth,K., Dr. (F) CSIR-Indian Institute of Toxicology Research Lucknow - 226 001 Uttar Pradesh	32.87	36
1412	Study of bacterial endophytes in Lycopersicon esculentum & their potential for plant growth promotion & biocontrol of tomato diseases in Bhopal & its peripheral regions	DST-WOS-A	Chaturvedi,H., Ms. (F) Barkatullah Vishwavidyalaya Department of Microbiology Bhopal - 462 026 Madhya Pradesh	16.44	36
1413	Study on chemo-enzymatic transformation of lignin derived from lignocellulosic biomass for potential application as adhesives	DST-WOS-A	Devendra,L.P., Dr. (F) CSIR-National Institute for Interdisciplinary Science & Technology Division of Microbial Processes & Technology Thiruvananthapuram - 695 019 Kerala	27.21	36
1414	Study on relationship between gain-of-function mutant p53 and stemness as an underlying cause for chemoresistance in ovarian carcinoma	DST-WOS-A	Ghosh,D.D., Dr. (F) Saroj Gupta Cancer Centre & Research Institute Mahatma Gandhi Road, Thakurpukur Kolkata - 700 063 West Bengal	32.00	36
1415	Study temporal activation of Jagged1-notch in Dystrophic muscle myogenesis using Zebra fish (sapje) DMD model	DST-WOS-A	Akshay,V., Ms. (F) M.S. University of Baroda Department of Zoology, Faculty of Science Vadodara - 390 002 Gujarat	21.39	36
1416	Synergistic inhibitory effect of non-invasive physical stimulation on cancer: A promising approach of treatment	DST-WOS-A	Sengupta,S., Ms. (F) CSIR-Central Glass & Ceramic Research Institute Division of Bioceramics & Coatings, 196, Raja S.C. Mullick Road Kolkata - 712 232 West Bengal	20.15	36
1417	To uncover the epigenetic mechanisms in etiopathology of Schizophrenia with particular reference to hyperhomocysteinemia and sex disparity	DST-WOS-A	Bandopadhyay,S., Dr. (F) CSIR-Indian Institute of Chemical Technology Department of Chemical Biology, Tarnaka, Uppal Road Hyderabad - 500 007 Telangana	32.15	36
1418	Transcriptomic portrait of human Mesenchymal stem cells differentiation into endothelial lineage	DST-WOS-A	Tewari,D., Dr. (F) Indian Institute of Technology (Kanpur) Department of Biological Sciences & Bioengineering Lucknow - 208 016 Uttar Pradesh	32.16	36
1419	Transdermal-iontophoretic drug delivery: Design and evaluation of some drugs	DST-WOS-A	Shirisha,S., Ms. (F) Utkal University Department of Pharmaceutical Sciences University, Vani Vihar Bhubaneswar - 751 004 Odisha	20.40	36
1420	Transgenerational effects of graphene oxide & graphene quantum dots on the germ cells of Japanese medaka	DST-WOS-A	Sreelakshmi,K., Ms. (F) Amrita Vishwa Vidyapeetham Centre for Nanosciences & Molecular Medicine, AIMS Campus Kochi - 682 041 Kerala	25.90	36
1421	Trophic role and relative diversity of free-living ciliates in the Sunderbans delta & coastal waters of West Bengal	DST-WOS-A	Mohan,S., Ms. (F) Zoological Survey of India Prani Vigyan Bhavan, M Block, New Alipore Kolkata - 700 053 West Bengal	16.44	36
1422	Understanding and exploiting genotypic variation in groundnut for selecting zinc efficient cultivars for soils of low zinc status	DST-WOS-A	Radhika,K., Dr. (F) Tamil Nadu Agricultural University Department of Soil Science & Agricultural Chemistry Coimbatore - 641 003 Tamil Nadu	31.73	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1423	Understanding the role of cellular mistranslation in modulating proteostasis	DST-WOS-A	Arora,S., Dr. (F) CSIR-Institute of Genomics & Integrative Biology Mathura Road Delhi - 110 020 Delhi	31.05	36
1424	Understanding the role of T cell subset(s) in regulation of cancer initiating stem like cells	DST-WOS-A	Bose,A., Dr. (F) Chittaranjan National Cancer Institute Department of Immunoregulation & Immunodiagnostics, 37, S.P. Mukherjee Road Kolkata - 700 026 West Bengal	30.51	36
1425	Unveiling the role of host BTF3 Protein in immune regulation against intracellular bacterial infections: A CRISPR/Cas 9 system directed study	DST-WOS-A	Rawat,K., Ms. (F) CSIR-Central Drug Research Institute Division of Toxicology Lucknow - 226 031 Uttar Pradesh	19.39	36
1426	Using whole Exome Sequencing (WES) to screen and identify genetic variants associated with PCOS in Indian population	DST-WOS-A	Moorthy,J.D., Ms. (F) S.R.M. University Department of Genetic Engineering, Faculty of Engineering & Technology, Kattankulathur Chennai - 603 230 Tamil Nadu	19.50	36
1427	β-glucan based micro particles as an activator of innate immunity & small peptide carrier	DST-WOS-A	Venkatachalam,G., Dr. (F) Indian Institute of Technology (Madras) Department of Biotechnology Chennai - 600 036 Tamil Nadu	28.31	36
1428	A nutrition led extension model of community for nutrition security of women	DST-WS	Sangeetha,V., Dr. (F) ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	37.49	36
1429	Effect of value added millet flakes on weight management & stress level of selected obese women	DST-WS	Radha,R., Dr. (F) Avinashilingam Institute for Home Science & Higher Education for Women Coimbatore - 641 043 Tamil Nadu	9.72	36
1430	Socio economical uplifting rural women by cultivation & processing of some selected medicinal plants	DST-WS	Singh,S.K., Dr. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	32.12	36
1431	A Histopathological & Biochemical study	UGC-MNRP	Sulthana,R.N., Dr. (F) Assistant Professor Sri Padmavati Mahila Visvavidyalayam Tirupati - 517 502 Andhra Pradesh	4.89	24
1432	Anti-inflammatory efficacy of Hibiscus ..	UGC-MNRP	Amsaveni,R., Dr. (M) Assistant Professor Kongu Arts & Science College Coimbatore - 641 029 Tamil Nadu	1.99	24
1433	Assessment of nutritional status and ..	UGC-MNRP	Bhuvaneswari,D., Ms. (F) Assistant Professor Jamal Mohamed College Tiruchirappalli - 620 020 Tamil Nadu	1.40	24
1434	Development of silver nanoparticle loade ..	UGC-MNRP	Ronanki,H., Mr. (M) Assistant Professor Visakha Government Degree College for Women Visakhapatnam - 530 020 Andhra Pradesh	1.76	24
1435	Doxorubicin induced changes in albinorat	UGC-MNRP	Babu,K.H., Dr. (M) Assistant Professor P.S. Government Degree College Penukonda Anantapur - 515 110 Andhra Pradesh	3.73	24
1436	Information kiosk for Diabetes ..	UGC-MNRP	Devi,G.P., Ms. (F) Assistant Professor Government College for Women Guntur - 522 001 Andhra Pradesh	4.15	24

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1437	Isolation-characterization & insilico	UGC-MNRP	Nateshan,A., Mr. (M) Assistant Professor Sreenidhi Institute of Science & Technology Ghatkesar Hyderabad - 501 301 Telangana	2.20	24
1438	Large scale production of xylanase by ..	UGC-MNRP	Sridevi,B., Dr. (F) Assistant Professor Chaitanya Post Graduate College Warangal - 506 001 Telangana	1.00	24
1439	Molecular approach for the identification ..	UGC-MNRP	Kumar,T.S., Dr. (M) Associate Professor Mahendra Arts & Science College Kalippatti Namakkal - 637 501 Tamil Nadu	2.95	24
1440	Phytochemical investigation & the prot	UGC-MNRP	Thamilmaraiselvi,B., Dr. (M) Cauvery College for Women Tiruchirappalli - 620 018 Tamil Nadu	1.50	24
1441	Production of wine like produce (Ethanol)	UGC-MNRP	Anuradha,B.S., Dr. (F) Associate Professor Chaitanya Post Graduate College Warangal - 506 001 Telangana	0.75	24
1442	Solvent accessibility studies on protein	UGC-MNRP	Nevetha,R., Ms. (F) Assistant Professor Cauvery College for Women Tiruchirappalli - 620 018 Tamil Nadu	0.75	24

Total Cost of 1297 Projects Under: ***Biological Sciences*** 78,262.21

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1443	Aqueous phase synthesis of palladium nanocrystals with systematic shape evolution and study their facet-dependent activity in organic transformation and formic acid electro oxidation	CSIR-GS	Chanda,K., Prof. (M) Vellore Institute of Technology University Division of Organic Chemistry Vellore - 632 014 Tamil Nadu	5.00	36
1444	Aromatic and Y-shaped heteroaromatic donor subunits in borasiloxane rings/cages: Structural, luminescence, nonlinear optical and DFT studies	CSIR-GS	Palanisami,N., Dr. (M) Vellore Institute of Technology University Department of Chemistry Vellore - 632 014 Tamil Nadu	7.00	36
1445	Asymmetric synthesis of naturally occurring aromatic abietane diterpenoids and their analogues by designing chiral highly acidic bronsted acid catalysts	CSIR-GS	Maji,M.S., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Chemistry Kharagpur - 721 302 West Bengal	14.00	36
1446	Asymmetric total synthesis of marine natural products ammonificins A-D and their analogs	CSIR-GS	Das,S.K., Dr. (M) Tezpur University Department of Chemical Science Sonitpur - 784 028 Assam	25.85	36
1447	Biogenic synthesis of size and shape tunable noble metal and bimetallic alloy nanoparticles for catalytic applications	CSIR-GS	Rashid,M.H., Dr. (M) Rajiv Gandhi University Department of Chemistry Papumpare - 791 112 Arunachal Pradesh	4.00	36
1448	Carborane-containing boron dipyrromethene fluorophores	CSIR-GS	Satapathy,R.R., Dr. (F) Ravenshaw University Department of Chemistry Cuttack - 753 003 Odisha	23.46	36
1449	Chemo-catalytic conversion of cellulosic biomass into renewable fuels and specialty chemicals via 5-(trifluoroacetoxymethyl) furfural	CSIR-GS	Dutta,S., Dr. (M) National Institute of Technology (Karnataka) Department of Chemistry Mangalore - 575 025 Karnataka	12.50	36
1450	CNC & ENE pincer type carbene metal derivatives for c-c & c-x bond formation reaction	CSIR-GS	Sankar,G.P., Dr. (M) Indian Institute of Technology (Hyderabad) Department of Chemistry Hyderabad - 502 285 Telangana	9.00	36
1451	Computational design of functional and structural mimics of the active site of (FeFe)-hydrogenase	CSIR-GS	Phukan,A.K., Prof. (M) Tezpur University Department of Chemical Science, Napaam Tezpur - 784 028 Assam	5.40	36
1452	Computational studies on the catalytic activities of (Al2o3) nanoclusters for various organic reactions	CSIR-GS	Sarkar,P., Prof. (M) Visva Bharati University Department of Chemistry Santiniketan - 731 235 West Bengal	12.96	36
1453	Design & development of functionalized nanostructures & techniques for imaging of latent finger paint & identification of trace explosives in forensic samples	CSIR-GS	Maity,P., Dr. (M) Gujarat Forensic Science University Gandhinagar - 382 007 Gujarat	10.00	36
1454	Design and synthesis of multifunctional BIS heterocycles	CSIR-GS	Padmavathi,V., Prof. (F) Sri Venkateswara University Department of Chemistry Tirupati - 517 502 Andhra Pradesh	23.86	36
1455	Design and synthesis of TRI/tetraphenylethylene derivatives as fluorescent receptors and anticancer agents	CSIR-GS	Luxami,V., Dr. (F) Thapar University School of Chemistry & Biochemistry Patiala - 147 004 Punjab	26.96	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1456	Design and synthesis of water soluble conjugate polymers for colorimetric, fluorescent and photothermal probes	CSIR-GS	Chowdhury,P., Prof. (M) Visva Bharati University Department of Chemistry Santiniketan - 731 235 West Bengal	21.96	36
1457	Design of novel bifunctional amine-urea/thiourea catalysts for asymmetric C-C bond forming applications	CSIR-GS	Srinivasan,E., Dr. (M) Central University of Rajasthan Department of Chemistry Ajmer - 305 817 Rajasthan	2.70	36
1458	Design,synthesis and biological evaluation of thiazolidinone-tetrazolopyrimidine hybrid molecules as anti-cancer agents	CSIR-GS	Srinivas,B., Dr. (M) National Institute of Technology (Warangal) Department of Chemistry Warangal - 506 004 Telangana	19.06	36
1459	Designing of core-shell nanocluster based electrodes for fuel cell application	CSIR-GS	Pathak,B., Dr. (M) Indian Institute of Technology (Indore) School of Basic Sciences Indore - 453 552 Madhya Pradesh	19.00	36
1460	Detection of chemical warfare agents using fluorescent perylene dye-polymer conjugate	CSIR-GS	Koner,A.L., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bhopal - 462 066 Madhya Pradesh	11.50	36
1461	Development & applications of theoretical models for understanding the antioxidant properties of some polyphenols	CSIR-GS	Kar,R., Dr. (M) Dibrugarh University Department of Chemistry Dibrugarh - 786 004 Assam	5.40	36
1462	Development of active molecular catalysts based on transition metal complexes for efficient C-H bond activation & funtionalization	CSIR-GS	Singh,S.K., Dr. (M) Indian Institute of Technology (Indore) School of Basic Science Indore - 453 552 Madhya Pradesh	12.00	36
1463	Development of ceria, zirconia and titania based nano-composites for gas sensing and dielectric applications	CSIR-GS	Ahmad,T., Dr. (M) Jamia Millia Islamia Department of Chemistry New Delhi - 110 025 Delhi	14.00	36
1464	Development of coin type supercapacitor using graphene oxide/polyaniline nanocomposite electrode materials	CSIR-GS	Malik,S., Dr. (M) Indian Association for the Cultivation of Science Kolkata - 700 032 West Bengal	12.00	36
1465	Development of enzyme-free nanocomosite biosensors for detection of cholesterol and oxalic acid	CSIR-GS	Bohidar,H.B., Prof. (M) Jawaharlal Nehru University School of Physical Science New Delhi - 110 067 Delhi	8.00	36
1466	Development of inorganic ternary compounds for visible light photocatalysis and water splitting	CSIR-GS	Bhattacharyya,A.J., Prof. (M) Indian Institute of Science S.S.S.C. Unit Bengaluru - 560 012 Karnataka	9.00	24
1467	Development of N4-macrocycle based cost-effective catalysts for PEFC	CSIR-GS	Lokesh,K.S., Dr. (M) Vijayangara Sri Krishnadevaraya University Department of Chemistry Bellary - 583 105 Karnataka	2.91	36
1468	Development of novel approaches to multifunctional C-nucleosides using palladium-catalyzed coupling processes in aqueous media	CSIR-GS	Kapdi,A.R., Dr. (M) Institute of Chemical Technology Department of Chemistry Mumbai - 400 019 Maharashtra	25.46	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1469	Development of novel thermoelectric materials	CSIR-GS	Bhat,D.K., Dr. (M) National Institute of Technology (Karnataka) Department of Chemistry Surathkal - 575 025 Karnataka	10.50	36
1470	Effect of temperature on investigations of molecular interactions of amino acids/substituted amino acids in binary aqueous solutions of additives with reference to thermodynamic and transport measurements	CSIR-GS	Sharma,S.K., Dr. (M) D.A.V. College Department of Chemistry Abohar - 152 116 Punjab	5.00	36
1471	Enantioselective fluorination and domino cyclization reactions	CSIR-GS	Gururaja,G.N., Dr. (M) Central University of Gujarat School of Chemical Science Gandhinagar - 382 030 Gujarat	26.96	36
1472	Fabrication of materials for encapsulating flame retardants and metallic species: Emerging e-waste toxins	CSIR-GS	Kaur,V., Dr. (F) Panjab University Department of Chemisstry Chandigarh - 160 014 Chandigarh	7.44	36
1473	Fluorescent on-off pH sensor based on pyrene excimer emission and its application in intracellular region	CSIR-GS	Panja,S.S., Dr. (M) National Institute of Technology (Durgapur) Department of Chemistry Durgapur - 713 209 West Bengal	3.75	36
1474	Formulation of nanoparticle based probe for multimodal imaging & therapy	CSIR-GS	Girigoswami,A., Dr. (M) Chettinad Academy of Research & Education Faculy of Allied Health Sciences Chennai - 603 103 Tamil Nadu	6.00	36
1475	Fuel chemical synthesis via catalytic transformation of hydrocarbons using pincer-ligated complexes based on inexpensive transition metals	CSIR-GS	Kumar,A.A.S., Dr. (M) Indian Institute of Technology (Guwahati) Department of Chemistry Guwahati - 781 039 Assam	6.00	36
1476	Functionalized graphene based nanocomposites and their electrocatalytic applications in direct methanol fuel cells	CSIR-GS	Dolui,S.K., Prof. (M) Tezpur University Department of Chemical Science Tezpur - 784 028 Assam	23.96	36
1477	Graphene based materials for versatile organic transformations	CSIR-GS	Binitha,N.N., Dr. (F) Sree Neelakanta Government Sanskrit College Department of Chemistry Palakkad - 679 306 Kerala	5.50	36
1478	Hierarchiral three-dimensional porous materials for high energy desity supercapaitors	CSIR-GS	Raj,C.R., Prof. (M) Indian Institute of Technology (Kharagpur) Department of Chemistry Kharagpur - 721 302 West Bengal	13.00	36
1479	Imidazolopyridine based molecular hybrids: Synthesis, anti-tubercular activity and mode of action studies	CSIR-GS	Rawat,D.S., Prof. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	9.00	36
1480	In silico modeling of property/toxicity/activity of nanomaterials using chemometric tools	CSIR-GS	Roy,K., Prof. (M) Jadavpur University Department of Pharmaceutical Technology Kolkata - 700 032 West Bengal	6.90	36
1481	Investigation of environmentally-benign liquid media for Co2 capture and sequestration	CSIR-GS	Pandey,S., Prof. (M) Indian Institute of Technology (Delhi) Department of Chemistry New Delhi - 110 016 Delhi	9.00	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1482	Investigation on the development of newer methods for the synthesis of biologically active heterocycles under solvent free conditions	CSIR-GS	Singh,L.W., Dr. (M) Manipur University Department of Chemistry Canchipur - 795 003 Manipur	23.96	36
1483	Investigations on naphthalene and anthracene based phosphonates/phosphates: Important sources for alkene based new aiegens and polyarylalkanes	CSIR-GS	Chakravarty,M., Dr. (M) Birla Institute of Technology & Science (Pilani) Department of Chemistry Hyderabad - 500 078 Telangana	23.16	36
1484	L-Ascorbic acid in organic synthesis: Studies towards cross-coupling reactions of L-ascorbic acid, biological evaluation of the resulting products and synthesis of bioactive polyhydroxy a-pyranones	CSIR-GS	Thopate,S.R., Dr. (M) Ahmednagar College Department of Chemistry Ahmednagar - 414 001 Maharashtra	24.35	36
1485	Metal Ion sensors: Synthesis, recognitions and protein binding studies	CSIR-GS	Ali,M., Dr. (M) Jadavpur University Department of Chemistry Kolkata - 700 032 West Bengal	10.00	36
1486	Metal nanoparticles decorated graphene oxide heterostructures for electro-catalytic reduction of carbon dioxide in deep eutectic solvents	CSIR-GS	Ingole,P.P., Dr. (M) Indian Institute of Technology (Delhi) Department of Chemistry New Delhi - 110 016 Delhi	9.00	36
1487	Metal-free direct oxidative cyclizations via C-H functionalization leading to diverse heterocyclic frameworks	CSIR-GS	Sharada,D.S., Dr. (F) Indian Institute of Technology (Hyderabad) Department of Chemistry Sangareddy - 502 285 Telangana	26.96	36
1488	Metal-free phosphorus compounds for small molecule activation and catalysis	CSIR-GS	Majumdar,M., Dr. (F) Indian Institute of Science Education & Research (Pune) Department of Chemistry Pune - 411 008 Maharashtra	9.00	36
1489	Modifications of aurivillius type semiconducting photocatalysts through incorporation of dopants and cocatalysts for improvement of photoelectrochemical water oxidations behavior	CSIR-GS	Bhattacharya,C., Dr. (M) Indian Institute of Engineering Science & Technology Department of Chemistry Howrah - 711 103 West Bengal	9.00	36
1490	Molecular interactions of the antioxidant polyphenols and their copper complexes with human serum albumin and its glycated analogue	CSIR-GS	Roy,A.S., Dr. (M) National Institute of Technology (Meghalaya) Department of Chemistry Shillong - 793 003 Meghalaya	6.90	36
1491	Multicomponent crystal technology to improve drug pharmacokinetic attributes	CSIR-GS	Sarma,B.C., Dr. (M) Tezpur University Department of Chemical Science Tezpur - 784 028 Assam	26.96	36
1492	Multicomponent domino assembly towards diversified molecular frameworks	CSIR-GS	Bakthadoss,M., Dr. (M) Pondicherry University Department of Chemistry Puducherry - 605 014 Puducherry	21.96	36
1493	Novel chiral hypervalent iodine reagents and their applications in stereoselective oxidative rearrangements	CSIR-GS	Singh,F.V., Dr. (M) Vellore Institute of Technology University School of Advanced Science Chennai - 600 127 Tamil Nadu	26.96	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1494	Organocatalytic asymmetric reactions with 3-carbomethoxy-dihydro-2-quinolones	CSIR-GS	Pan,S.C., Dr. (M) Indian Institute of Technology (Guwahati) Department of Chemistry Guwahati - 781 039 Assam	11.00	36
1495	Photocatalytic reducation of Co2 to biofuels	CSIR-GS	Roy,S., Dr. (M) Birla Institute of Technology & Science (Pilani) Department of Chemistry Hyderabad - 500 078 Telangana	4.00	36
1496	Porous sulfonate & phosphonate-based metal organic materials as proton conductors	CSIR-GS	Das,M.C., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Chemistry Kharagpur - 721 302 West Bengal	9.00	36
1497	Probing molecular chirality by dimeric metalloporphyrin hosts: Transfer, control and rationalization using exciton coupled circular dichroism	CSIR-GS	Rath,S.P., Prof. (M) Indian Institute of Technology (Kanpur) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	17.00	36
1498	Pyrene/phenanthroimidazole based chemosensor for metal Ions: Their application in live cell imaging and the resultant complexes as secondary probe for anions	CSIR-GS	Viswanathamurth,P., Dr. (M) Periyar University Department of Chemistry Salem - 636 011 Tamil Nadu	6.00	36
1499	Rhodamine inspired sulfonamides: Structure, chemosensor and exploration of their biomaterial activity	CSIR-GS	Sinha,C., Prof. (M) Jadavpur University Department of Chemistry Kolkata - 700 032 West Bengal	9.50	36
1500	Ruthenium catalyzed C-H bond activation strategy for C-C and C-X bond formation for biological active compounds	CSIR-GS	Paul,K., Dr. (M) Thapar University School of Chemistry & Biochemistry Patiala - 147 001 Punjab	25.46	36
1501	Short and efficient synthesis of natural fragrances and pheromones employing organocatalyzed Aldol reaction	CSIR-GS	Prakash,R., Dr. (F) Thapar University School of Chemistry & Biochemistry Patiala - 147 004 Punjab	24.46	36
1502	Solid-State studies of 1,1,4,4-Tetrakis (ARYL) cyclohexane in the context of isostructurality, polymorphism, thermal expansion and further designing of chiral hosts and NLO active materials	CSIR-GS	Saha,B.K., Dr. (M) Pondicherry University Department of Chemistry Puducherry - 605 014 Puducherry	6.00	36
1503	Stereoselective synthesis of fused OXA/AZA- heterocycles via domino ring-opening cyclization of donor-acceptor cyclopropropanes donor-acceptor cyclopropanes	CSIR-GS	Ghosh,K., Dr. (F) Presidency University Department of Chemistry Kolkata - 700 073 West Bengal	26.96	36
1504	Stereoselective synthesis of heterosteroidal spirocyclic oxindoles as antineoplatic agents	CSIR-GS	Acharya,P.C., Dr. (M) Tripura University Department of Pharmacy Suryamaninagar - 799 022 Tripura	26.96	36
1505	Stimuli-responsive multifuncational polymeric micelles: Potential scaffold for drug loading, sensing and light harvesting	CSIR-GS	Patra,A., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Chemistry Bhopal - 462 066 Madhya Pradesh	9.00	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1506	Strategies for unified total synthesis of architecturally complex galanthamine and plicamine alkaloids of biological relevance	CSIR-GS	Bisai,A., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Chemistry Bhopal - 462 066 Madhya Pradesh	12.00	36
1507	Structural insight and dynamical properties of alpha synuclein fibrillation in the context of mitochondrial membrane or biological membranes: Pathological role in synaptic transmission, aggregation property and cellular toxicity	CSIR-GS	Bhunia,A., Dr. (M) Bose Institute Department of Biophysics, P-1/12 CIT Scheme Kolkata - 700 054 West Bengal	20.46	36
1508	Structure, stability and properties of carbon intercalated gold, palladium and platinum clusters	CSIR-GS	Ramachandran,C.N., Dr. (M) Indian Institute of Technology (Roorkee) Department of Chemistry Roorkee - 247 667 Uttarakhand	6.00	36
1509	Studies of transition metal complexes of Acyclic Diaminocarbene ligands (ADCs) for their applications in chemical catalysis	CSIR-GS	Ghosh,P., Prof. (M) Indian Institute of Technology (Bombay) Department of Chemistry, Powai Mumbai - 400 076 Maharashtra	9.00	36
1510	Studies on some new rhenium complexes of NS-donor ligands-their potential application in radiotherapy of breast cancer	CSIR-GS	Goswami,S., Dr. (F) Calcutta University Department of Chemistry Kolkata - 700 009 West Bengal	7.50	36
1511	Studies on the total synthesis of baulamycins A and B via stereoselective C-C bond formation using metal catalyst	CSIR-GS	Gnanaprakasam,B., Dr. (M) Indian Institute of Science Education & Research (Pune) Department of Chemistry Pune - 411 008 Maharashtra	14.00	36
1512	Supramolecular architectures of AZOderivatives: Properties and applications	CSIR-GS	Siva,A., Dr. (M) Madurai Kamaraj University Department of Inorganic Chemistry Madurai - 625 021 Tamil Nadu	9.00	36
1513	Synthesis and biological studies of poly substituted 1,2-oxazines	CSIR-GS	Basappa, Dr. (M) Bangalore University Department of Chemistry Bengaluru - 560 001 Karnataka	24.46	36
1514	Synthesis and characterization of nanographenes based on hexabenzocoronene discotics for photovoltaics applications	CSIR-GS	Pal,S.K., Dr. (M) Indian Institute of Science Education & Research (Mohali) Mohali - 140 306 Punjab	13.00	36
1515	Synthesis and development of chiral molecular organic frameworks and their application in asymmetric catalysis	CSIR-GS	Singh,S., Dr. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	23.86	36
1516	Synthesis and potential applications of ferrocene functionalized 1,1-dichalcogenocarbamato ligands and their metal complexes	CSIR-GS	Singh,V.K., Dr. (M) M.S. University of Baroda Department of Chemistry Vadodara - 390 002 Gujarat	8.50	36
1517	Synthesis and tubulin inhibition activity studies of novel indolyl heterocycles	CSIR-GS	Kumar,D., Prof. (M) Birla Institute of Technology & Science (Pilani) Department of Chesmistry Hyderabad - 333 031 Telangana	25.96	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1518	Synthesis of conjugated polymer based on Benzo (1,2-b:4,5-b') dithiophene and its applications in photovoltaic cells	CSIR-GS	Patel,A.L., Dr. (M) M.S. University of Baroda Department of Chemistry Vadodara - 390 002 Gujarat	23.96	36
1519	Synthesis of metronidazole based molecular conjugates and their bio-evaluation against trichomoniasis	CSIR-GS	Kumar,V., Dr. (M) Guru Nanak Dev University Department of Chemistry Amritsar - 143 005 Punjab	22.96	36
1520	Synthesis of novel andrographolide derivatives as potential anticancer and antibacterial agents	CSIR-GS	Rao,G.N., Dr. (M) Sri Sathya Sai Institute of Higher Learning Department of Chemistry Anantapur - 515 134 Andhra Pradesh	26.41	36
1521	Synthesis of oligosaccharides and glyoconjugates related to salmonella O-antigens with special reference to one-pot glycosylation reactions	CSIR-GS	Ghosh,R., Dr. (F) Jadavpur University Department of Chemistry Kolkata - 700 032 West Bengal	26.96	36
1522	Synthesis of some natural marine pyrrole alkaloids and molecules inspired from them for Multi-Drug Resistance(MDR) cancer cells	CSIR-GS	Khan,T., Dr. (M) Indian Institute of Technology (Bhubaneswar) School of Basic Science Khurda - 752 050 Odisha	26.96	36
1523	Synthetic transformations of maleimide/acrylate derived morita-baylis-hillman adduct of isatin towards functionalized-2-oxindoles	CSIR-GS	Selvi,S.R., Dr. (F) Lady Doak College Department of Chemistry Madurai - 625 002 Tamil Nadu	22.46	36
1524	The attenuating ability of ionic liquids against the thermal, chemical and cold-induced unfolding of proteins	CSIR-GS	Venkatesu,P., Dr. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	20.46	36
1525	The fascinating chemistry of dirhenium incorporating different dithiocarabamato ligands: Spectroscopic, structural and computational studies	CSIR-GS	Chattopadhyay,S.K., Dr. (M) Kalyani University Department of Chemistry Nadia - 741 235 West Bengal	10.80	36
1526	Theoretical investigation of intermolecular forces & optical properties of atmospheric aerosols	CSIR-GS	Subramanian,R., Dr. (M) Indian Institute of Technology (Patna) Department of Chemistry Patna - 801 103 Bihar	4.00	24
1527	Thyrotropin Reasing Hormone (TRH) and TRH-analogues encapsulated biodegradable polymeric nanoparticles as intra-nasal anti-epileptic agents	CSIR-GS	Nishima, Dr. (F) Panjab University University Institute of Engineering & Technology Chandigarh - 160 014 Chandigarh	9.40	36
1528	Titanate nanosheet/cationically modified dextrin through in-situ expoliation: Development and application towards enhanced dye adsorption and photodegradation property	CSIR-GS	Pal,S., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Applied Chemistry Dhanbad - 826 004 Jharkhand	11.00	36
1529	Total synthesis of biologically potent cyclodepsipeptide natural products nannocystins and their relevant analogues	CSIR-GS	Goswami,R.K., Dr. (M) Indian Association for the Cultivation of Science Department of Organic Chemistry Kolkata - 700 032 West Bengal	24.04	36
1530	Transition metal catalyzed directed macrocyclization: Applications in the synthesis of tyrosine based cyclic peptides & natural product hibispeptin	CSIR-GS	Samanta,R., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Chemistry Kharagpur - 721 302 West Bengal	14.00	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1531	Transition metal imine and dithiolate complexes as potential co-sensitizer in Dye-Sensitized Solar Cells (DSSCs)	CSIR-GS	Kumar,A., Dr. (M) Lucknow University Department of Chemistry Lucknow - 226 007 Uttar Pradesh	12.00	36
1532	Triazole linked mono carbonyl curcumin-coumarin bifunctional hybrids as novel anti tubulin agents: Design, synthesis, biological evaluation and molecular modeling studies	CSIR-GS	Bedi,P.M.S., Prof. (M) Guru Nanak Dev University Department of Pharmaceutical Science Amritsar - 143 005 Punjab	26.96	36
1533	Tuning the geometric and electronic structure of 02 and co adducts of iron porphyrins by 2nd sphere hydrogen bonding interactions	CSIR-GS	Dey,A., Dr. (M) Indian Association for the Cultivation of Science Department of Inorganic Chemistry Kolkata - 700 032 West Bengal	14.00	36
1534	Vanadium based poloxoytungstates: Synthesis, structural characterization and study of its electrochemical properties	CSIR-GS	Mal,S.S., Dr. (M) National Institute of Technology (Karnataka) Department of Chemistry Mangalore - 575 025 Karnataka	8.00	36
1535	Visible light organophotoredox catalysis: Towards an environmentally friendly approach to organic synthesis	CSIR-GS	Hajra,A., Dr. (M) Visva Bharati University Department of Chemistry Santiniketan - 731 235 West Bengal	23.96	36
1536	Advanced weapon systems	DRDO-ER&IPR	Nagappa,R., Prof. (M) National Institute of Advanced Studies Bengaluru - 560 012 Karnataka	93.65	36
1537	Designing fluorescence based molecular sensors for military & commercial explosives	DRDO-ER&IPR	Das,A., Dr. (M) Director CSIR-Central Salt & Marine Chemicals Research Institute Bhavnagar - 364 002 Gujarat	49.04	36
1538	Development of hybrid nanographite based radar absorbent paints for defence applications	DRDO-ER&IPR	Bhattcharyya,A., Dr. (M) Associate Professor P.S.G. Institute of Advanced Studies Avinashi Road, Peelamedu Coimbatore - 641 004 Tamil Nadu	56.22	36
1539	Development of porous nanostructure embedded conductive polymer nanocomposites for EMI shielding	DRDO-ER&IPR	Dinakaran,K., Mr. (M) Associate Professor Thiruvalluvar University Serkadu Vellore - 632 115 Tamil Nadu	27.32	36
1540	Luminescent solvent-free room temperature Organic Liquids based dual mode Sensors for selective detection of explosives (ORLISENS)	DRDO-ER&IPR	Sukumaran,S.B., Dr. (M) Scientist CSIR-National Chemical Laboratory Dr. Homi Bhabha Road Pune - 411 008 Maharashtra	47.00	36
1541	Advanced manufacturing of new high entropy alloys	DST-IBC	Murty,B.S., Prof. (M) Indian Institute of Technology (Madras) Department of Metallurgical & Materilas Engineering Chennai - 600 036 Tamil Nadu	40.85	36
1542	Applications of layered materials: Advances and perspectives	DST-IBC	Pati,S.K., Mr. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Jakkur Bengaluru - 560 064 Karnataka	6.00	12
1543	Biogas for the people: Sustainable stylization strategies in Indian & Austria for agricultural, agro- industrial & municipal residues utilization for robust biogas production process	DST-IBC	Vivekanand, Dr. (M) Malaviya National Institute of Technology (Jaipur) Centre for Energy & Environment, Malviya Nagar Jaipur - 302 017 Rajasthan	8.90	24

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1544	Borate based bioactive glass nano-fibers for topical application for treatment of nonhealing Diabetic wounds	DST-IBC	Chakraborty,J., Dr. (F) CSIR-Central Glass & Ceramic Research Institute Jadavpur Kolkata - 700 032 West Bengal	6.30	24
1545	Cellular localization and functional characterization of the voltage- gated Ca+2-channel VGCC and enzyme-rhodopsin COP5 in the microalga chlamydomonas reinhardtii using genome editing, biochemical and transcriptomics approaches	DST-IBC	Kateriya,S., Dr. (M) Jawaharlal Nehru University New Mehrauli Road, Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	24.21	36
1546	Charge & energy transfer in molecular multifunctional materials	DST-IBC	Hariharan,M., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Manvila, Sreekariyam Thiruvananthapuram - 695 016 Kerala	10.20	36
1547	Chemo-enzymatic synthesis of multivalent dendritic architectures for the control of neurodegenerative disorders	DST-IBC	Sharma,S.K., Dr. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	38.61	36
1548	Comprehensive understanding of cellular response to amyloid toxicity at molecular level	DST-IBC	Sharma,D.K., Dr. (M) Senior Scientist CSIR-Institute of Microbial Technology Department of Protein Science & Engineering, Sector 39A Chandigarh - 160 036 Chandigarh	5.42	24
1549	Computational investigations for the linear & nonlinear optical properties of metal & covalent organic frameworks: Application for detection of molecules	DST-IBC	Dutta,A., Dr. (M) Indian Association for the Cultivation of Science Kolkata - 700 032 West Bengal	17.64	36
1550	Conjugacy problems in groups of lie type	DST-IBC	Singh,A., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	26.16	36
1551	Corrosion and wear resistant ceramic composite coatings on reactor grade zircaloys by plasma electrolytic oxidation for nuclear fuel cladding applications	DST-IBC	Babu,N.R., Dr. (M) National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	19.27	36
1552	Creation of novel high performance membrane materials and membranes based on them	DST-IBC	Banerjee,S., Dr. (M) Professor Indian Institute of Technology (Kharagpur) Materials Science Centre Kharagpur - 721 302 West Bengal	26.24	36
1553	Design and development of a new innovative parallel micro channel heat sink with mitigated flow maldistribution	DST-IBC	Kumar,R., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	36.12	24
1554	Design and development of composite particles for rapid and sustainable water treatment	DST-IBC	Tiwari,S., Ms. (F) Amity University Sector 125 Noida - 201 313 Uttar Pradesh	11.25	36
1555	Developing magnetic nanoparticle immobilized enzyme catalysts for biofuel applications	DST-IBC	Sukumaran,R.K., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology Satyan Nagar, Pappanamcode Thiruvananthapuram - 695 019 Kerala	13.05	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1556	Development and tribological characterization of self lubricating nano-silicon nitirde and nano- sialon ceramic composites	DST-IBC	Wani,M.F., Prof. (M) National Institute of Technology (Srinagar) Department of Civil Engineering, Hazaratbal Srinagar - 190 006 Jammu & Kashmir	21.60	24
1557	Development of advanced PVD coatings for machining nickel-based superalloys	DST-IBC	Gangopadhyay,S., Ms. (F) National Institute of Technology (Rourkela) Sector 1 Rourkela - 769 008 Odisha	12.45	36
1558	Development of catalysts for converting biomass derived synthesis gas to fuels via fisher tropsch synthesis	DST-IBC	Bal,R., Dr. (M) CSIR-Indian Institute of Petroleum Dehradun - 248 005 Uttarakhand	12.30	36
1559	Development of cost-effective and green assay technology for the selective detection of toxic metal Ions using functionalized gold nanoparticles .	DST-IBC	Pradhan,N., Dr. (F) CSIR-Institute of Minerals & Materials Technology R.R.L Campus, Acharya Vihar Bhubaneswar - 751 013 Odisha	38.21	36
1560	Development of efficient and cost effective catalysts for C-H bond activation through simultaneous production of CO free hydrogen and carbon nanotubes from nenewable H4: A value addition process	DST-IBC	Venugopal,A., Dr. (M) CSIR-Indian Institute of Chemical Technology Taranka Hyderabad - 500 007 Telangana	22.16	24
1561	Development of energy efficient magnetic nanocomposite materials	DST-IBC	Panda,A.K., Dr. (M) CSIR-National Metallurgical Laboratory Burma Mines Market Jamshedpur - 831 007 Jharkhand	15.10	36
1562	Development of friction stir welding technique for joining dissimilar light alloys	DST-IBC	Kailas,S.V., Dr. (M) Indian Institute of Science C.V. Raman Road Bengaluru - 560 012 Karnataka	88.25	36
1563	Development of innovative Indigenous Knowledge System (IKS)-based new cosmetic material: Isolation, extraction and chemical profiling of melanin biosynthesis pathways-based natural compounds from Indian and South African medicinal plants	DST-IBC	Chaudhary,S., Dr. (M) Malaviya National Institute of Technology (Jaipur) Department of Chemistry, Jawaharlal Nehru Marg Jaipur - 302 017 Rajasthan	33.36	36
1564	Development of low cost high performance PEMFC liquid cooled stack for small stationary applications	DST-IBC	Velayutha,G.M., Dr. (M) Sainergy Fuel Cell India Private Limited Burma Colony, Perungudi Chennai - 600 096 Tamil Nadu	150.00	60
1565	Development of materials for the large enhancement in the thermoelectric properties using efficient computational approach	DST-IBC	Jha,P.K., Dr. (M) M.S. University of Baroda Vadodara - 390 002 Gujarat	19.21	24
1566	Development of non-noble metal based nono-sized catalyst suppported on structure controlled mesoprous materials for water gas shift reaction	DST-IBC	Rode,C.V., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	31.51	36
1567	Development of rare-earth doped nanocrystalline quantum cutting luminescent materials for solar energy harvesting	DST-IBC	Venkatramu,V., Mrs. (F) Yogi Vermana University Kadapa - 516 003 Andhra Pradesh	12.68	36
1568	Development of starch based polyurethane nano-coatings for packaging applications by sonochemical approach	DST-IBC	Sonawane,S., Dr. (M) National Institute of Technology (Warangal) Hanamkonda Warangal - 506 004 Telangana	14.45	24

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1569	Development of ultra-broadband (1100-2200 nm) light sources based on modified nano-engineered silica glass optical fibers doped with bismuth and multiple rare-earths toward OCT applications	DST-IBC	Paul,M.C., Mr. (M) CSIR-Central Glass & Ceramic Research Institute South End Park Kolkata - 700 029 West Bengal	13.65	36
1570	Effect of alloying on kinetics of globularization during hot deformation of two-phase titanium alloys	DST-IBC	Suresh,K.S., Dr. (M) Indian Institute of Technology (Roorkee) Department of Metallurgical and Materials Engneering Roorkee - 247 667 Uttarakhand	22.28	36
1571	Elaboration of manufacturing technique of flexible semitransparent solar cells for Building Integrated Photovoltaics (BIPV) based on coarse-crystalline monograin CdS/CZTS powders	DST-IBC	Reddy,K.T.R., Prof. (M) Sri Venkateswara University Gandhi Road Tirupati - 517 502 Andhra Pradesh	70.31	36
1572	Electronic and photovoltaic properties of two-dimensional hybrid organic and inorganic perovskites	DST-IBC	Jha,P.K., Prof. (M) M.S. University of Baroda Pratapgunj Vadodara - 390 002 Gujarat	15.38	24
1573	Experimental and numerical analysis of contact with friction conditions in forming processes	DST-IBC	Ragupathy,P., Mr. (M) Vellore Institute of Technology University Rajan Nagar Chennai - 600 127 Tamil Nadu	6.75	36
1574	Experimental and theoretical studies of tensile deformation and fracture in presence of martensitic transformation in nano, micro and macro structured alloys	DST-IBC	Padmanabhan,K.A., Prof. (M) Anna University Guindy Chennai - 600 025 Tamil Nadu	54.17	24
1575	Fabrication of carbonate apatite coated titanium implant	DST-IBC	Sakthinathan,G., Mr. (M) Associate Professor Anna University Department of Production Technology, Madras Institute of Technology, Guindy Chennai - 600 025 Tamil Nadu	4.46	24
1576	Hierarchical, lightweight nanocomposite reinforced with electrospun nono fibres for structural applications	DST-IBC	Satapathi,S., Dr. (F) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	13.51	36
1577	High performance 1D metal/oxide/ type II QDs hybrid nanoarchitecture for solar energy conversion	DST-IBC	Gopinath,C.S., Mr. (M) CSIR-National Chemical Laboratory Division of Catalysis, Dr Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	7.20	24
1578	IMDAV (Intra Molecular Diels-Alder reaction in Vinylarenes/ Vinylhetarenes) approach in the synthesis of lactone/lactam scaffolds for biological studies and natural product synthesis	DST-IBC	Tilve,S.G., Prof. (M) Goa University Department of Chemistry Taleigo Plateau - 403 206 Goa	13.14	36
1579	In silico studies of magnetic and vibrational properties of porphyrins for diagnostic applications	DST-IBC	Ali,M.E., Dr. (M) Institute of Nano Science & Technology Phase -10, Sector-64, Sahibzada Mohali - 160 047 Punjab	31.63	24
1580	In situ structural investigations on monazite type	DST-IBC	Kulriya,P.K., Dr. (M) Inter University Accelerator Centre Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	5.20	24

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1581	Influence of particle size on the in vivio & in vitro toxicity of metals oxidies causing toxicity in model zebrafish in normal human bladder cells & bladder tumor cells	DST-IBC	Rajaendran,V., Dr. (M) Centre for Nano & Soft Matter Sciences Kalvi Nagar Coimbatore - 637 215 Tamil Nadu	7.69	24
1582	Innovative models for assesment of water quality in coastal aquifers	DST-IBC	Lakshmanan,E., Dr. (M) Anna University Guindy Chennai - 600 025 Tamil Nadu	10.80	36
1583	Investigation of structural, optical, magnetic properties and electronic structure of binary inter-metallic alloys for the spintronic applications	DST-IBC	Vasundhara,M., Dr. (F) CSIR-National Institute for Interdisciplinary Science & Technology Division of Meterial Science & Technology, Satyan Nagar Thiruvananthapuram - 695 019 Kerala	11.25	36
1584	Investigation on the structure- property relations in novel europium based intermetallic compounds	DST-IBC	Peter,S.C., Dr. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Jakkur Bengaluru - 560 064 Karnataka	13.58	24
1585	Lanthanide - actinide separation using soft donor ligands: Theory and experimental studies	DST-IBC	Mohapatra,P.K., Dr. (M) Bhabha Atomic Research Centre Trombay Mumbai - 400 085 Maharashtra	15.57	24
1586	Magnetic properties and structure transformations in binary Fe-Pd and ternary Fe-Pd-M(M-Ni,Ga) alloys experimental investigation and ab-inition	DST-IBC	Kashyap,A., Dr. (F) Indian Institute of Technology (Mandi) Near Kataula, Kamand Kulu - 175 005 Himachal Pradesh	19.86	36
1587	Metal nanoclusters in nanoscience applications	DST-IBC	Verma,S., Prof. (M) Indian Institute of Technology (Kanpur) Department of Chemistry, Kalyanpur Kanpur - 208 016 Uttar Pradesh	39.35	36
1588	Nanoarchitectured fluorophosphate cathode & phosphorene-based hybrid anode for sodium-ion batteries	DST-IBC	Murugun,A.V., Prof. (M) Pondicherry University Kalapet Puducherry - 605 014 Puducherry	35.06	36
1589	Nature and nurture in arsenic induced toxicity of Bihar, India	DST-IBC	Singh,S.K., Prof. (M) A.N. College Boring Road, Sri Krishna Puri Patna - 800 013 Bihar	62.82	36
1590	New insights into multifunctional catalysis for biomass transformation	DST-IBC	Rode,C.V., Mr. (M) Chief Scientist CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	67.25	12
1591	New semiconductors based solution processed small molecule for optoelectronic devices	DST-IBC	Singh,S.P., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	15.46	24
1592	Novel porous materials as solid electrolytes for energy devices	DST-IBC	Stephen,A.M., Dr. (M) CSIR-Central Electrochemical Research Institute College Road Karaikudi - 630 003 Tamil Nadu	6.30	24

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1593	Peptide based semiconducting materials for organic-electronic devices	DST-IBC	Das,D., Dr. (M) Indian Institute of Technology (Guwahati) Surjyamukhi Road, North Amingaon Guwahati - 781 039 Assam	11.59	36
1594	Plastic to fuel (p2f): Gasification & pyrolysis of waste plastic for fuel generation through nano catalytic conversion	DST-IBC	Acharjee,P., Mr. (M) The Energy & Resources Institute Division of Environment Technology Development, Darbari Seth Block, IH Centre Complex, Lodhi Road New Delhi - 110 003 Delhi	6.30	24
1595	Porous ceramics from industrial wastes for insulating applications	DST-IBC	Batra,V.S., Ms. (F) The Energy & Resources Institute Lodhi Road New Delhi - 110 003 Delhi	6.30	36
1596	Production of new non-toxic photoluminescent nano-materials & their applications in energy & forensic fields	DST-IBC	Singh,L.R., Dr. (M) North-Eastern Hill University Umshing Mawkynroh Shillong - 793 022 Meghalaya	6.30	24
1597	Rational development of regioselective difunctionalizations of arenes using carboxylates as deciduous groups	DST-IBC	Koley,D., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Department of Chemical Sciences, Education & Research, Nadia Mohanpur - 741 246 West Bengal	30.49	36
1598	Regularities of low molecular weight analysts detection by natural and synthetic receptors: Comparative analysis and application in the development of systems for antibiotics detection	DST-IBC	Tarannum,N., Dr. (F) Ch. Charan Singh University Ramgarhi Meerut - 250 001 Uttar Pradesh	13.69	36
1599	Role of entropy and information encoding in guided self- assembly of materials	DST-IBC	Sastry,S., Mr. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Jakkur Bengaluru - 560 064 Karnataka	55.38	36
1600	Search for energy efficient materials for applications: A joint experimental and theoretical investigation on multifunctional heusler alloys	DST-IBC	Suresh,K.G., Dr. (M) Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	21.65	24
1601	Simulation of the transport phenomena and the phase changes in thorium and mixed uranium-plutonium oxide nuclear fuel	DST-IBC	Gupta,S.K., Dr. (M) St. Xavier's College Navrangpura Ahmedabad - 380 009 Gujarat	23.62	36
1602	Simulation studies & tests to dvelop radiation tolerant silicon detectors for high luminosity colliders	DST-IBC	Bhardwaj,A., Prof. (M) Delhi University Delhi - 100 007 Delhi	10.80	36
1603	Solubility of gases in ionic liquid or binary mixture of ionic liquid + ionic liquid	DST-IBC	Gardas,R., Mr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	7.75	36
1604	Stimuli-responsive microgels with covalent & dynamic ionic crosslinks: Chemical design & behavior in aqueous solutions	DST-IBC	Singha,N.K., Dr. (M) Indian Institute of Technology (Kharagpur) Rubber Technology Centre Kharagpur - 721 302 West Bengal	34.22	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1605	Strategies for the heterocycle synthesis: Art of contriving molecules via C-H bond activation	DST-IBC	Maity,D., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	15.42	24
1606	Study & development of innovative systems to monitor & reduce concentrations of oils & heavy metals in industrial waste water	DST-IBC	Sridharan,V., Mr. (M) Greenvironment Innovation & Marketing India (P) Ltd. Velacharry Chennai - 600 042 Tamil Nadu	60.55	36
1607	Study of basic principles of phase transition in metal drops at nanoscale under electric current and laser radiation	DST-IBC	Kumar,P., Dr. (M) Indian Institute of Science Department of Materials Engineering, C.V. Raman Road Bengaluru - 560 012 Karnataka	18.66	36
1608	Sustainable development of electro Membrane Bioreactors (eMBRs) for wastewater reuse with production of alternative green energy	DST-IBC	Balakrishan,M., Dr. (F) The Energy & Resources Institute 6C, Darbari Seth Block, IH Centre Complex, Lodhi Road New Delhi - 110 003 Delhi	33.53	36
1609	Sustinable molecular architecture through C-H bond functionlization	DST-IBC	Sundararaju,B., Dr. (M) Indian Institute of Technology (Kanpur) Department of Chemistry, Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	12.45	24
1610	Targeting cancer stem cells through one drug multi-target approach (Microtubule Inhibition vascular disruption and anti-angiogenesis)	DST-IBC	Kumar,V., Dr. (M) Centre for Pharmaceutical Sciences & Natural Products Laboratory of Organic & Medicinal Chemistry, Mansa Road Bhatinda - 151 001 Punjab	9.02	24
1611	Temporal control over supramolecular polymerization	DST-IBC	George,S.J., Mr. (M) Associate Professor Jawaharlal Nehru Centre for Advanced Scientific Research Supramolecular Chemistry Lab., New Chemistry Unit, Jakkur Bengaluru - 560 064 Karnataka	4.38	24
1612	The design, synthesis and evaluation of antiproliferative activity of novel fused N-heterocyclic derivatives of steroids	DST-IBC	Hajra,A., Dr. (F) Visva Bharati University Department of Chemistry, Bolpur Santiniketan - 731 235 West Bengal	22.27	36
1613	Tipological phase of matter in 2D supercondicting materials	DST-IBC	Raychaudhuri,P., Prof. (M) Tata Institute of Fundamental Research Navy Nagar, Colaba Mumbai - 400 005 Maharashtra	10.80	36
1614	Development of efficient biomass conversion routes for biofuel production & utilization	DST-IMRC	Chowdhury,R., Ms. (F) Jadavpur University Kolkata - 700 032 West Bengal	73.92	36
1615	A comparative study on microscopic structure & dynamics near glass transition in linear polymer melt at low & high densities	DST-SERB-CRG	Jose,P.P., Dr. (M) Assistant Professor Indian Institute of Technology (Mandi) School of Basic Sciences Mandi - 175 005 Himachal Pradesh	20.24	36
1616	Activation & functionalization of organic molecules using Sulphonamide based reagents	DST-SERB-CRG	Pukhan,P., Dr. (M) Gauhati University Department of Chemistry Guwahati - 781 014 Assam	49.76	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1617	Activation & reduction of CO2, H+, SO2, NO2, CO & N2 by iron porphyrins: In pursuit of a universal reductase	DST-SERB-CRG	Dey,A., Dr. (M) Indian Association for the Cultivation of Science Department of Inorganic Chemistry, 2A & 2B, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	278.04	36
1618	Addressing physical chemistry underlying prevention of fibrillation/aggregation of proteins including role of protein folding intermediates	DST-SERB-CRG	Kishore,N., Dr. (M) Indian Institute of Technology (Bombay) Department of Chemistry, Powai Mumbai - 400 076 Maharashtra	76.29	36
1619	An investigative study on the opteoelectronic properties of group 16 Pi-conjugated materials containing peripheral boron moieties	DST-SERB-CRG	Trivedi,R., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 607 Telangana	32.58	36
1620	Application of hypervalent iodine reagents & iodonium ylides in organic synthesis	DST-SERB-CRG	Karade,N.N., Dr. (M) Rashtrasant Tukadoji Maharaj Nagpur University Nagpur - 440 001 Maharashtra	27.54	36
1621	Applications of experimental charge density & crystal structure prediction approaches in multi-component crystal development & for studying intermolecular intractions in protein-ligand complexes	DST-SERB-CRG	Thakur,T.S., Dr. (M) Scientist CSIR-Central Drug Research Institute Division Molecular & Structural Biology, Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	69.66	36
1622	Assembly of peptide-conjugated Rylene dyes to construct soft materials for optoelectronics	DST-SERB-CRG	Banerjee,A., Dr. (M) Indian Association for the Cultivation of Science 2A & 2B, Raja S. Mullick Road Kolkata - 700 032 West Bengal	36.36	36
1623	Bile acid containing Amino acid based cationic polymeric architectures for enhanced actin polymerization	DST-SERB-CRG	De,P., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Mohanpur - 741 246 West Bengal	57.20	36
1624	Biologically viable iron-based MRI contrast agents	DST-SERB-CRG	Murugan,R.M., Dr. (M) Madurai Kamaraj University School of Chemistry Madurai - 625 021 Tamil Nadu	69.56	36
1625	Carbon dioxide amelioration by layered double hydroxides	DST-SERB-CRG	Kamath,V., Dr. (M) Bangalore University Department of Chemistry Bengaluru - 560 056 Karnataka	60.04	36
1626	Catalytic activation & direct coupling of ammonia with arenes & alkenes by pincer complexes	DST-SERB-CRG	Gunanathan,C., Dr. (M) National Institute of Science Education & Research Bhubaneswar - 751 005 Odisha	49.90	36
1627	Catalytic approaches for the construction of carbon-and-hetero-cycles with one or more stereogenic centres	DST-SERB-CRG	Peddinti,R.K., Dr. (M) Indian Institute of Technology (Roorkee) Department of Chemistry Roorkee - 247 667 Uttarakhand	59.03	36
1628	Catalytic asymmetric electrophilic fluorination of active methylene compounds via Cinchona alkaloid derived chiral phase transfer catalysts	DST-SERB-CRG	Das,K., Dr. (M) Dr. Hari Singh Gour Central University Department of Chemistry Sagar - 470 003 Madhya Pradesh	40.28	36
1629	Catalytic synthesis of P-chiral supramolecular phosphines & their implication in asymmetric hydroformylation	DST-SERB-CRG	Chikkali,S.H., Dr. (M) CSIR-National Chemical Laboratory PSE Division, Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	42.40	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1630	Chemically modified electroactive polymer nanoparticles for electrochemical detection of heavy metal ions	DST-SERB-CRG	Joseph,A., Dr. (M) Newman College Department of Chemistry, Thodupuzha Idukki - 685 584 Kerala	27.05	36
1631	Chemistry & biology of maltepolides A-F & their analogs	DST-SERB-CRG	Ghosh,S., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 607 Telangana	44.28	36
1632	Chemistry of Monovalent group 13 & Divalent group 14 bases: A theoretical study	DST-SERB-CRG	Phukan,A.K., Dr. (M) Tezpur University Department of Chemical Sciences, Napam Tezpur - 784 028 Assam	43.78	36
1633	Competitive/coupled photoinduced processes in some new molecular systems: Basic photophysics & applications	DST-SERB-CRG	Guchhait,N., Dr. (M) Calcutta University Department of Chemistry, 92, A.P.C. Road Kolkata - 700 073 West Bengal	42.90	36
1634	Computational prediction of novel thermoelectric nanomaterials	DST-SERB-CRG	Bera,C., Dr. (M) Institute of Nano Science & Technology Mohali - 160 047 Punjab	21.31	36
1635	Controlling the aggregation of dyes & their application in photovoltaics & optoelectronics	DST-SERB-CRG	Nithyanandhan,J., Dr. (M) CSIR-National Chemical Laboratory Division of Polymers & Advanced Materials Chemistry, Physical & Materials Chemistry, Dr. Homi Bhabha Road, Ward No.8, Pashan Pune - 411 008 Maharashtra	70.59	36
1636	Coordination complexes of organic radicals: Systhesis, x-ray crystallography, EPR spectroscopy, redox activity, DFTcalculations & activation of diatomic molecular	DST-SERB-CRG	Ghosh,P., Dr. (M) Ramakrishna Mission Residential College Narendrapur Kolkata - 700 103 West Bengal	41.63	36
1637	Corrosion inhibition of metals & alloys by some newly synthesized schiff bases & there synergism in acidic medium	DST-SERB-CRG	Singh,G., Dr. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	34.28	36
1638	Cu-NHC catalyzed heterofunctionalization of alkenes & alkanes with CO2 & nitrogen electrophiles	DST-SERB-CRG	Arumugam,S., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Ward No.8, Pashan Pune - 411 008 Maharashtra	23.07	36
1639	Cyclometalated platinum-based triplet emitter for OLED applications	DST-SERB-CRG	Velusamy,M., Dr. (M) North-Eastern Hill University Shillong - 793 022 Meghalaya	35.05	36
1640	Design & development of low cost paper based printed electrochemical & colorimetric sensors	DST-SERB-CRG	Shrivas,K.K., Dr. (M) Pt. Ravishankar Shukla University Raipur - 492 010 Chhattisgarh	40.33	36
1641	Design & development of novel broad absorption semiconductor/ oxides for efficient water splitting: Role of morphology & charge transfer amongst the composites	DST-SERB-CRG	Qureshi,M., Dr. (M) Indian Institute of Technology (Guwahati) Department of Chemistry Guwahati - 781 039 Assam	39.11	36
1642	Design & development of self-aggregated fluorescent organic nanoparticles: Prospects in biochemical process to theranostic applications	DST-SERB-CRG	Das,P.K., Dr. (M) Indian Association for the Cultivation of Science 2A & 2B, Raja S.C. Mullick Road Kolkata - 700 032 West Bengal	65.88	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1643	Design & synthesis of fluorophoric substrate for MenH: A chemical intervention to pursue high throughput screening of Menaquinone biosynthesis inhibitors	DST-SERB-CRG	Debnath,J., Dr. (M) SASTRA University Thanjavur - 613 401 Tamil Nadu	48.80	36
1644	Design & synthesis of new immobilized recyclable catalysts & their applications in carbonylation & carbon dioxide fixation reactions for synthesis of fine chemicals	DST-SERB-CRG	Islam,S.K.M., Dr. (M) Kalyani University Kalyani - 741 235 West Bengal	44.01	36
1645	Design & synthesis of NIR & AIE-Moieties containing fluorescent chemodosimeter molecular probes for the detection of biologically important analytes	DST-SERB-CRG	Mahapatra,A.K., Dr. (M) Indian Institute of Engineering Science & Technology Department of Chemistry,Botanical Garden, Shibpur Howrah - 711 103 West Bengal	28.38	36
1646	Design of diagnostic tools to monitor certain diseases via molecular imprinting mimicking bio recognitor	DST-SERB-CRG	Singh,M., Dr. (F) Professor Banaras Hindu University Department of Chemistry Varanasi - 221 005 Uttar Pradesh	43.88	36
1647	Design of guanidine based chiral ligands & their ruthenium-arene complexes for asymmetric catalysis	DST-SERB-CRG	Karvembu,R., Dr. (M) National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	30.89	36
1648	Design of host-guest supramolecular polymers in aqueous media: Adaptive materials with self-healing & stimuli-responsive properties	DST-SERB-CRG	Banerjee,S., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia - 741 246 West Bengal	51.37	36
1649	Design, development & understanding of thermally activated delayed fluorescence enabled small organic molecules & their OLEDs applications	DST-SERB-CRG	Agarwal,N., Dr. (M) UM-DAE Centre for Excellence in Basic Sciences Navi Mumbai - 400 098 Maharashtra	27.13	36
1650	Design, synthesis & insilico/invitro studies of cladosporin derivatives as potent anti-Malarial agents	DST-SERB-CRG	Yaragorla,S., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	47.06	36
1651	Designing & synthesis of functinalized N-heterocycles (4-quinolone & imidazopyridine) & evaluation of their biocidal properties	DST-SERB-CRG	Das,S., Dr. (M) North Bengal University Department of Chemistry Siliguri - 734 013 West Bengal	43.40	36
1652	Designing an admittance based experiemental tool to evaluate mechanical properties & stability of supported lipid bilayers, liposomes, biological cell membranes	DST-SERB-CRG	Dhathathreyan,A., Dr. (F) CSIR-Central Leather Research Institute Sardar Patel Road, Adyar Chennai - 600 020 Tamil Nadu	28.81	36
1653	Designing bimetallic complexes with cooperative metal-metal interactions for the multi-electron reduction of small molecules	DST-SERB-CRG	Singh,A.K., Dr. (M) Indian Institute of Technology (Indore) Chemistry Discipline, Khandwa Road, Simrol Indore - 452 011 Madhya Pradesh	61.00	36
1654	Designing of green synthetic approaches for atomically precise nanoclusters for dictating their specific interactions: Development of miniaturized analytical methods	DST-SERB-CRG	Kailasa,S.K., Dr. (M) Assistant Professor Sardar Vallabhbhai National Institute of Technology (Surat) Department of Applied Chemistry Surat - 395 007 Gujarat	35.05	36
1655	Designing of novel Benzothiazole derivatives & their Cu(II), Fe(II/III) & Al(III) complexes: Symthesis, structural characterization & biological exploration against distinct pathological factors in Alzheimer's disase	DST-SERB-CRG	Thalamurthu,S., Dr. (M) National Engineering College K.R. Nagar, Kovilpathi Thoothukkudi - 628 503 Tamil Nadu	26.19	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1656	Developing highly stable AADD-Type quadruple H- bonding self-assembling systems devoid of prototropy & investigating their self-assembling potential	DST-SERB-CRG	Sanjayan,G.J., Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	32.79	36
1657	Development & demonstration of a prototype catalytic plasma incinerator for the removal of Noxious air pollutants	DST-SERB-CRG	Subrahmanyam,C., Dr. (M) Indian Institute of Technology (Hyderabad) Department of Chemistry, Kandi Sangareddy - 502 205 Telangana	56.28	36
1658	Development & spectroscopic studies of new fluorescent materials based on photophysical proton-transfer & charge-transfer processes	DST-SERB-CRG	Mandal,D., Dr. (M) Calcutta University Department of Chemistry, 92, A.P.C. Road Kolkata - 700 073 West Bengal	36.69	36
1659	Development of chiral inorganic-organic hybrid materials based on polyoxometalates & its catalytic applications	DST-SERB-CRG	Patel,A.U., Dr. (F) M.S. University of Baroda Vadodara - 390 002 Gujarat	31.38	36
1660	Development of efficient & reusable chiral catalysts for the asymmetric Fridel-craft reaction for the synthesis of biological important molecules	DST-SERB-CRG	Singh,S., Dr. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	35.93	36
1661	Development of in-situ contacless thermometer & viscometer through spatiotemporal control at nano-scale dimension to unravel the dynamics of complex systems: Vibrating molecules, colloidal clusters & multiple phases	DST-SERB-CRG	Goswami,D., Dr. (M) Indian Institute of Technology (Kanpur) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	50.60	36
1662	Development of layered conducting ceramic nanomaterials of MAX phase & Mxenes for energy conversion & storage applications	DST-SERB-CRG	Kakade,B.A., Dr. (M) S.R.M. University Potheri Kattankulathur - 603 203 Tamil Nadu	53.84	36
1663	Development of low energy systems for treating textile effluents	DST-SERB-CRG	Khan,M.Z., Dr. (M) Aligarh Muslim University Department of Chemistry Aligarh - 202 002 Uttar Pradesh	34.69	36
1664	Development of metal chalcogenide nanomaterials & their carbon based nanocomposites using single source molecular precursors for supercapacitor applications	DST-SERB-CRG	Garje,S.S., Dr. (M) Mumbai University Kalina, Santacruz (East) Mumbai - 400 098 Maharashtra	32.01	36
1665	Development of nanoparticle reinforced multi network hydrogels with high swellability & mechanical strength using step growth networking approach	DST-SERB-CRG	Ojha,U., Dr. (M) Rajiv Gandhi Institute of Petroleum Technology Rae Bareilly - 229 316 Uttar Pradesh	42.20	36
1666	Development of new catalytic systems for efficient transformation of biomass/biomass derivatives to biofuel components	DST-SERB-CRG	Singh,S.K., Dr. (M) Indian Institute of Technology (Indore) Indore - 452 011 Madhya Pradesh	54.16	36
1667	Development of new methods & Algorithms based on non-equilibrium statistical methods for computation of free energy surfaces & rates of bio-molecular processes by simulation methods	DST-SERB-CRG	Bhimalapuram,P., Dr. (M) International Institute of Information Technology Centre for Computational Natural Sciences & Bioinformatics, Gachibowli Hyderabad - 500 032 Telangana	32.49	36
1668	Development of new organoruthenium catalysis for direct synthesis of amides & anines/imines from dehydrogenation of alcohols	DST-SERB-CRG	Rengan,R., Dr. (M) Bharathidasan University Tiruchirappalli - 620 024 Tamil Nadu	32.30	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1669	Development of new platform for A3 - coupling & other multicomponent reactions towards drug-like molecules using transition metal catalysis	DST-SERB-CRG	Singh,V., Dr. (M) Dr. B.R. Ambedkar National Institute of Technology (Jalandhar) Department of Chemistry, G.T. Road Jalandhar - 144 011 Punjab	36.06	36
1670	Development of novel composite membranes using the blends of sulfonated hydrocarbon polymers & 2D layered nano-materials for electrochemical energy conversion devices	DST-SERB-CRG	Nagendran,A., Dr. (M) Alagappa Government Arts College Karaikudi - 630 003 Tamil Nadu	27.90	36
1671	Development of novel enyne-assisted annulations towards the construction of fused polycyclic alkaloids	DST-SERB-CRG	Chada,R.R., Dr. (M) CSIR-Indian Institute of Chemical Technology Division of Natural Products Chemistry, Tarnaka Hyderabad - 500 607 Telangana	58.36	36
1672	Development of polymer supported Niobium & Tantalum based catalysts for organic oxidations under ecologically sustainable reaction conditions	DST-SERB-CRG	Islam,N.S., Dr. (M) Tezpur University Department of Chemical Sciences, Napam Tezpur - 784 028 Assam	45.17	36
1673	Development of 'Pristine Graphene' as a catalyst support	DST-SERB-CRG	Siril,P.F., Dr. (M) Indian Institute of Technology (Mandi) School of Basic Sciences Mandi - 175 005 Himachal Pradesh	29.55	36
1674	Development of reversible optical sensors for the recognition of toxic metal ions	DST-SERB-CRG	Kumar,S., Dr. (M) St. Stephen's College Department of Chemistry, University Enclave Delhi - 110 007 Delhi	31.34	36
1675	Development of solid state emissive organic materials & their applications	DST-SERB-CRG	Malik,S., Dr. (M) Indian Association for the Cultivation of Science 2A & 2B, Raja S.C. Mullick Road Kolkata - 700 032 West Bengal	71.13	36
1676	Development of tansition metal complexes as water oxidation catalyst	DST-SERB-CRG	Naskar,S., Dr. (M) Birla Institute of Technology (Mesra) Department of Chemistry Ranchi - 835 215 Jharkhand	28.34	36
1677	Diastereo & enantio selective synthesis of oxygen, nitrogen & sulfur heterocyclic compounds	DST-SERB-CRG	Saikia,A.K., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	49.49	36
1678	Discovery of novel protocols for the steroselective synthesis of acetogenins & analogs	DST-SERB-CRG	Sridhar,P.R., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	58.48	36
1679	DOS approach for sesquiterpene anti-Malaria drugs	DST-SERB-CRG	Rout,L., Dr. (M) Berhampur University P.G. Department of Chemistry, Bhanja Bihar, District Ganjam Berhampur - 760 007 Odisha	38.06	36
1680	Dynamic combinatorial chenistry: Accessing complex topologies & new receptors	DST-SERB-CRG	Luxami,V., Dr. (F) Thapar University School of Chemistry & Biochemistry Patiala - 147 004 Punjab	54.94	36
1681	Eco-friendly synthesis of fluorescent hetero-atom doped carbon dots & its applications in bio-imaging & catalysis	DST-SERB-CRG	Sethuraman,M.G., Dr. (M) Professor Gandhigram Rural University Department of Chemistry Dindigul - 624 302 Tamil Nadu	32.07	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1682	Efficacy of appropriately tailored biopolymer & carbonaceous adsorbents for the separation & recovery of Europium	DST-SERB-CRG	Rajesh,N., Dr. (M) Birla Institute of Technology & Science (Pilani) Department of Chemistry Hyderabad - 500 078 Telangana	29.59	36
1683	Electrochemical & photophysical studies of singlet fission materials based on indigo derivatives	DST-SERB-CRG	Wahab,M.A., Dr. (M) Cotton College State University Guwahati - 781 001 Assam	41.05	36
1684	Electrochemical impedance at rough & porous electrodes: Theory & experimental corroboration	DST-SERB-CRG	Kant,R., Dr. (M) Delhi University Delhi - 110 007 Delhi	38.50	36
1685	Employing arynes in multicomponent coupling & insertion reactions for the rapid construction of heterocycles	DST-SERB-CRG	Biju,A.T., Dr. (M) Indian Institute of Science Division of Organic Chemistry Bengaluru - 560 012 Karnataka	30.92	36
1686	Engineering metal organic frameworks for the selective aerobic oxidation of hydrocarbons	DST-SERB-CRG	Dhakshinamoorthy,A., Dr. (M) Madurai Kamaraj University School of Chemistry Madurai - 625 021 Tamil Nadu	40.71	36
1687	Enhancement of the immunogenicity & protective efficacy of lipopeptide vaccine against Mycobacterium Tuberculosis using peptidomimetics & conjugation with isoniazid	DST-SERB-CRG	Sharma,R.K., Dr. (M) Panjab University Chandigarh - 160 014 Chandigarh	17.82	36
1688	Enzyme-activated pro-inhibitors for Histone Deacetylases (HDACs) from amino acid precursors	DST-SERB-CRG	Srivastava,A., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Chemistry, Bhopal Bypass Road, Bhauri Bhopal - 462 023 Madhya Pradesh	77.40	36
1689	Exploration of key photinduced dynamics in inorganic nanohybrids for enhanced biological activities	DST-SERB-CRG	Pal,S.K., Dr. (M) S.N. Bose National Centre for Basic Sciences J.D. Block, Sector III, Salt Lake Kolkata - 700 097 West Bengal	19.98	36
1690	Exploratory synthetic investigation to recognize novel solid oxide materials with an emphasis on layered structures	DST-SERB-CRG	Sitharaman,U., Dr. (F) Delhi University Department of Chemistry Delhi - 110 007 Delhi	34.28	36
1691	Exploring multifunctional properties of the solid solutions of rare-earth oxides with oxides of p-block metal ions possessing releated structures	DST-SERB-CRG	Nagarajan,R., Dr. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	33.69	36
1692	Exploring new molecular magnetic refrigerants with Cu-Gd systems	DST-SERB-CRG	Shahid,M., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	27.76	36
1693	Extending pai conjugation of metal Bis-dithiolene with organic backbones: NIR absorbing hybrid materials for optoelectronic applications	DST-SERB-CRG	Vedichi,M., Dr. (M) Karunya University Coimbatore - 641 114 Tamil Nadu	38.29	36
1694	Extraction of nanocellulose from waste paper for producion of biodegradable, flexible & cheaper electrodes for energy storage devices	DST-SERB-CRG	Nayak,G.C., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Applied Chemistry Dhanbad - 826 004 Jharkhand	36.70	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1695	Farbication of symmetric/asymmetric high energy density supercapacitor in non-aqueous electrolytes using bio-derived carbon/carbon nanocomposites	DST-SERB-CRG	Sathish,M., Dr. (M) CSIR-Central Electrochemical Research Institute Division of Functional Materials Karaikudi - 630 006 Tamil Nadu	30.53	36
1696	Flourescent self assembled monolayrers on quartz glass substrates: Sensing metal ions & small biomolecules	DST-SERB-CRG	Das,D.K., Dr. (M) Gauhati University Guwahati - 781 014 Assam	36.15	36
1697	Fluorecent molecular probe for detection of Reactive Oxygen Species (ROS) & metal ions	DST-SERB-CRG	Srivastava,R., Dr. (M) Manipal University Jaipur - 303 007 Rajasthan	21.16	36
1698	Fluorescence characteristics of pai-conjugated lanthanide metallopolymers for light emitting applications	DST-SERB-CRG	Singh,D., Dr. (M) Maharshi Dayanand University Rohtak - 124 001 Haryana	34.32	36
1699	Forecasting the power output of Sensitized Solar Cells (SSC) with varying structural & weather parameters using soft computing techniques	DST-SERB-CRG	Surolia,P.K., Dr. (M) Manipal University Jaipur - 303 007 Rajasthan	68.23	36
1700	Graphene quantum dot-imprinted nanopolymer composite based electrodes for the sensing of toxic heavy metals	DST-SERB-CRG	Kala,R., Dr. (M) Cochin University of Science & Technology South Kalamassery Kochi - 641 001 Kerala	22.40	36
1701	Heteroatoms induced functionality of seaweed-polysaccharides for potential applications	DST-SERB-CRG	Meena,R., Dr. (M) CSIR-Central Salt & Marine Chemicals Research Institute Bhavnagar - 364 002 Gujarat	42.37	36
1702	High valent metallo-corroles: Synthesis, characterization & applications to catalysis	DST-SERB-CRG	Kar,S., Dr. (F) National Institute of Science Education & Research School of Chemistry Bhubaneswar - 751 005 Odisha	54.10	36
1703	Hydration pattern of misfolded proteins	DST-SERB-CRG	Biswas,P., Dr. (F) Delhi University Delhi - 110 007 Delhi	43.40	36
1704	Hydroxyl group as the vibration reporter for dynamics of aqueous solutions	DST-SERB-CRG	Malik,B.S., Dr. (M) Indian Institute of Technology (Hyderabad) Department of Chemistry, Kandi Sangareddy - 502 205 Telangana	50.98	36
1705	Imidazole containing polymers for the selective detection of fluoride ion & synthesis of boron-complexes	DST-SERB-CRG	Venkatasubbaiah,K., Dr. (M) National Institute of Science Education & Research School of Chemical Sciences Bhubaneswar - 751 005 Odisha	58.89	36
1706	Insights into the origins of non statisticality in reaction dynamics: From mechanisms to control	DST-SERB-CRG	Keshavamurthy,S., Dr. (M) Indian Institute of Technology (Kanpur) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	38.90	36
1707	Investigation of the atomistic mechanism of the co-solvent effects on protein folding equilibrium	DST-SERB-CRG	Deva,P., Dr. (M) International Institute of Information Technology Hyderabad - 500 032 Telangana	52.01	36
1708	Investigations into the effects of the hot-zone & its implications for separation of mixutres	DST-SERB-CRG	Subramanian,Y., Dr. (M) Indian Institute of Science Solid State & Structural Chemistry Unit Bengaluru - 560 012 Karnataka	66.98	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1709	Ionic liquids & deep eutectic solvents based colloidal formulations: Applications towards light harvesting & gas adsorption/storage materials	DST-SERB-CRG	Kumar,A., Dr. (M) CSIR-Central Salt & Marine Chemicals Research Institute Bhavnagar - 364 002 Gujarat	17.96	36
1710	'Janus' PNAs as innovative programmable & functional supramolecules for multifaceted chemical biology applications	DST-SERB-CRG	Ganesh,K.N., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No.8, Pashan Pune - 411 008 Maharashtra	83.60	36
1711	Light-activated supramolecular iron channels for transmembrane anion transport	DST-SERB-CRG	Talukdar,P., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No.8, Pashan Pune - 411 008 Maharashtra	79.38	36
1712	Lightweight ultra thin organic perovskite hybrid tandem solar cells based on solution processable metal oxide interfacial for wearable electronics	DST-SERB-CRG	Krishnamoorthy,A., Dr. (M) S.R.M. University Chennai - 603 203 Tamil Nadu	31.94	36
1713	Low dimesnsional misfit heterostructures: Synthesis, structural engineering & properties	DST-SERB-CRG	Panchakarla,L.S., Dr. (F) Indian Institute of Technology (Bombay) Department of Chemistry, Powai Mumbai - 400 076 Maharashtra	55.00	36
1714	Mechanical stimulation induced microscopic crystalline structure changes in molecular materials: Implications on drug formulation & mechanochromic behavior	DST-SERB-CRG	Varughese,S., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology Industrial Estate, P.O. Pappanamcode Thiruvananthapuram - 695 019 Kerala	37.60	36
1715	Mechanistic of CO oxidation on metal free catalyst & property package	DST-SERB-CRG	Thapa,R., Dr. (M) S.R.M. University Chennai - 603 203 Tamil Nadu	35.46	36
1716	Merging cross dehydrogenative coupling & directing group mediated C-H activation strategies for construction of C-C & C-hetero atom bonds & their application in synthesizing biologically active natural products	DST-SERB-CRG	Prabhu,K.R., Dr. (M) Indian Institute of Science Department of Organic Chemistry Bengaluru - 560 012 Karnataka	59.62	36
1717	Mesoporous silica nanoparticles assisted Remote-Type M2-xEuxSiO4 (M = Alkali earth metals) phosphors for warm white LED applications	DST-SERB-CRG	Gandhi,S., Dr. (M) SASTRA University Thanjavur - 613 401 Tamil Nadu	32.23	36
1718	Metal catalyzed/metal free coupling/C-H activation reactions: Total synthesis of quinoline, quinolone, quinazolinone, carbazole, isoquinoline based alkaloids & their derivatives - their evaluation as potent anti-Malarial agents in-vitro & in-vivo	DST-SERB-CRG	Nagarajan,R., Dr. (M) Hyderabad University School of Chemistry Hyderabad - 500 046 Telangana	42.42	36
1719	Metal complexes based probes for Arylamine modified biomolecules	DST-SERB-CRG	Ganesan,V., Dr. (M) CSIR-Central Leather Research Institute Chennai - 600 020 Tamil Nadu	22.86	36
1720	Metal free deep blue emitting fluorophores for organic light emitting diodes: Approaching NTSC standard	DST-SERB-CRG	Sivakumar,V., Dr. (M) National Institute of Technology (Rourkela) Department of Chemistry Rourkela - 769 008 Odisha	42.30	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1721	Metal-mediated one-pot sequential (Telescoping) reactions for the synthesis of multifunctional nucleosides/nucleotides with promising photo-and-biophysical properties	DST-SERB-CRG	Kapdi,A.R., Dr. (M) CSIR-Indian Institute of Chemical Technology Nathala Parekh Marg, Matunga Mumbai - 400 019 Maharashtra	57.60	36
1722	Modeling Diheme enzyme MauG: Understanding nature's design, structure-function correlation & application	DST-SERB-CRG	Rath,S.P., Dr. (M) Indian Institute of Technology (Kanpur) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	71.15	36
1723	Models for Type-2 & Type-3 copper oxidases: Synthesis, structures & spectral, electrochemical & catalytic properties of mononuclear copper (II) complexes	DST-SERB-CRG	Murali,M., Dr. (M) National College Dindigul Road Tiruchirappalli - 620 001 Tamil Nadu	37.16	36
1724	Molecular design directed synthesis & characterization of inexpensive, functional organic materials exhibiting technologically relevant liquid crystal phases	DST-SERB-CRG	Yelamaggad,C.V., Dr. (M) Centre for Nano & Soft Matter Sciences Professor U.R.Rao Road, Jalahalli Bengaluru - 560 013 Karnataka	47.70	36
1725	Multifunctional catalysis based on slilica & cabon for enhanced applications	DST-SERB-CRG	Biradar,A., Dr. (M) CSIR-Central Salt & Marine Chemicals Research Institute Division of Inorganic Materials & Catalysis Bhavnagar - 364 021 Gujarat	36.43	36
1726	Multifunctional conjugated porous organic polymers: Emerging materials for energy stoarge, photocatalysis & light harvesting	DST-SERB-CRG	Patra,A., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Chemistry, Bhopal Bypass Road, Bhauri Bhopal - 462 023 Madhya Pradesh	54.85	36
1727	Nanocrystalline substituted cobalt based metal oxides for oxygen evolution reaction: A prerequisite for photochemical water splitting	DST-SERB-CRG	Singhal,A., Dr. (F) Ahmedabad University Ahmedabad - 380 009 Gujarat	34.28	36
1728	Nanostructured metal oxides immobilized ionic liquids as green catalysts for selective organic transformations	DST-SERB-CRG	Dhar,S.S., Dr. (M) National Institute of Technology (Silchar) Department of Chemistry, Cachar Silchar - 788 010 Assam	28.64	36
1729	New affordable synthesis of life saving drugs dapagliflozin & sofosbuvir using novel glycosylation methods	DST-SERB-CRG	Mukherjee,D., Dr. (M) CSIR-Indian Institute of Integrative Medicine Post Bag No. 3, Canal Road Jammu - 180 001 Jammu & Kashmir	38.05	36
1730	New approaches towards synthesis of enigmol sphingolipids & their analogues as anti-cancer agents	DST-SERB-CRG	Singh,V., Dr. (F) Punjab Engineering College University of Technology Vidya Path, Sector 12 Chandigarh - 160 012 Chandigarh	27.76	36
1731	New strategies towards the total synthesis of (-)-dendrobine, ingenol mebutate, cortistatin A, (+)-muamvatin & (-)-dolabriferol	DST-SERB-CRG	Kaliappan,K.P., Dr. (M) Indian Institute of Technology (Bombay) Department of Chemistry, Powai Mumbai - 400 076 Maharashtra	69.48	36
1732	N-Heterocyclic carbene-catalyzed oxidative cyclization: Application to the synthesis of biologically significant pyridine fused heterocycles	DST-SERB-CRG	Maheswari,U.C., Dr. (F) SASTRA University Thanjavur - 613 401 Tamil Nadu	33.95	36
1733	One-pot synthesis of novel indenophenanthridine fluorescent probes & their bio-chemical applications	DST-SERB-CRG	Shanmugam,S., Dr. (M) Madurai Kamaraj University Madurai - 625 021 Tamil Nadu	42.81	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1734	Optimization of various nano rare earth metal oxides based system as electrocatalyst for oxygen reduction reactions	DST-SERB-CRG	Parhi,P., Dr. (M) Ravenshaw University College Square Cuttack - 753 003 Odisha	32.15	36
1735	Optoelectronic properties of polythiophene - peptide nanoconjugates	DST-SERB-CRG	Nandi,A.K., Dr. (M) Indian Association for the Cultivation of Science Kolkata - 700 032 West Bengal	65.05	36
1736	Organocatalyzed enantioselective intramolecular oxa-/aza-michael addition as the key step for the synthesis of spiroketals, aculeatins & dihydroisoquinolines	DST-SERB-CRG	Ghorai,P., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Chemistry, Bhopal Bypass Road, Bhauri Bhopal - 462 023 Madhya Pradesh	60.90	36
1737	Oxidative dehydrogenation of propane with CO2 to their Olefins: Catalysis & investigation on factor that control the reaction	DST-SERB-CRG	Thirumalaiswamy,R., Dr. (M) CSIR-National Chemical Laboratory Division of Catalysis, Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	57.48	36
1738	Peptied based mututal pro-drugs for dual inhibition of key protein components in cancer cell signaling	DST-SERB-CRG	Muraleedharan,K.M., Dr. (M) Indian Institute of Technology (Madras) Sardar Patel Road, Adyar Chennai - 600 036 Tamil Nadu	49.90	36
1739	Perylenebisimide-porphyrinoid conjugates as multi-chromophoric assemblies: Synthesis, characterization & applications	DST-SERB-CRG	Sankar,J., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Chemistry, Bhopal Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	71.13	36
1740	Preparation & characterization of stabilized Magnetic Nanoparticles (MNPs) supported with Pd complex & catalytic uses in C-H activation & asymmetric synthesis	DST-SERB-CRG	Pal,A.K., Dr. (M) North-Eastern Hill University Department of Chemistry Shillong - 793 022 Meghalaya	25.55	36
1741	Rational design & synthesis of heterocycles based modular fluorescent chemosensors for cations/anions	DST-SERB-CRG	Nandhakum,R.A.R., Dr. (M) Karunya University Coimbatore - 641 114 Tamil Nadu	34.21	36
1742	Real-time TDDFT study of photo-induced excited state dynamics in transition metal dichalcogenide based nano-structures	DST-SERB-CRG	Srinivasan,V., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bypass Road, Bhauri Bhopal - 462 023 Madhya Pradesh	45.27	36
1743	Reducing computational complexity using FPGA to study structure & dynamical properties of nanoparticles	DST-SERB-CRG	Bulusu,S.S., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 452 011 Madhya Pradesh	21.95	36
1744	Remote stereo control through catalytic enantioselective desymmetrization	DST-SERB-CRG	Mukherjee,S., Dr. (M) Indian Institute of Science Department of Organic Chemistry Bengaluru - 560 012 Karnataka	78.28	36
1745	Renewable nano-sized terpenoids: Isolation, characterization, study of self-assembly & utilizations in drug entrapment, pollutant capture & hybrid materials	DST-SERB-CRG	Bag,B.G., Dr. (M) Vidyasagar University Midnapore - 721 102 West Bengal	49.30	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1746	Role of structure, metal-carbon stoichiometry & defects on reactivity of transition metal clusters supported on metal carbides & Mxenes for selective hydrogenation of CO2 to Methanol: An Ab inition study	DST-SERB-CRG	Ghosh,P., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	65.64	36
1747	Site-specific functionalization of nitrogen based heterocyclic moieties via C-H activation	DST-SERB-CRG	Bora,U., Dr. (M) Tezpur University Department of Chemical Science, Napam Tezpur - 784 028 Assam	48.73	36
1748	Solar light driven photocatalytic decontamination of toxic dyes & hexavalent chromium from water using metal phosphate	DST-SERB-CRG	Chandra,V., Dr. (M) Dr. Hari Singh Gour Central University Fatehganj Sagar - 470 003 Madhya Pradesh	30.15	36
1749	Solid state Nuclear Magnetic Resonance (NMR) assessment of Zinc Oxide (ZnO) nanomaterial based drug delivery systems	DST-SERB-CRG	Pal,S., Dr. (F) Indian Institute of Technology (Jodhpur) Jodhpur - 342 011 Rajasthan	35.46	36
1750	Solid state proton conduction & selective CO2 adsorption by edge functionalized few-layer graphene	DST-SERB-CRG	Paul,A., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bypass Road, Bhauri Bhopal - 462 023 Madhya Pradesh	41.80	36
1751	Structure-property characteristics of low-energy ion beam irradiated biopolymer composites	DST-SERB-CRG	Rawat,K., Dr. (F) Inter University Accelerator Centre Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	30.76	36
1752	Studies on chemical synthesis of peptidomimetics: Phosphonopeptides & other phosphorous-containing peptidomimetics, heterocyclic peptidomimetics, peptidomimetics using multicomponent reactions	DST-SERB-CRG	Sureshbabu,V.V., Dr. (M) Bangalore University Bengaluru - 560 056 Karnataka	53.53	36
1753	Studies on iridoid biosynthesis in Catharanthus roseus: Functional characterization & structure-function studies of genes involved in iridoid biosynthesis	DST-SERB-CRG	Thulasiram,H.V., Dr. (M) CSIR-National Chemical Laboratory Division of Organic Chemistry, Dr. Homi Bhabha Road, Ward No.8, Pashan Pune - 411 008 Maharashtra	42.30	36
1754	Studying catalytic carbonylation of polyols sustainable route to carboxylic acids form renewable platforms	DST-SERB-CRG	Sarkar,B.R., Dr. (M) Birla Institute of Technology & Science (Pilani) Deparment of Chemistry, Vidya Vihar Pilani - 333 031 Rajasthan	32.30	36
1755	Surface anchored metal organic thin film devices	DST-SERB-CRG	Ballav,N., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	68.03	36
1756	Synthesis & catalytic investigation towards H2 evolution by Ist row transition metal based molecular catalysts	DST-SERB-CRG	Padhi,S.K., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	29.00	36
1757	Synthesis & characterization of magnetic nanoparticles: As vehicle for drug/gene delivery & T1-T2 dual contrast agent for magnetic resonance imaging	DST-SERB-CRG	Soni,H.P., Mr. (M) M.S. University of Baroda Fate Vadodara - 390 002 Gujarat	29.00	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1758	Synthesis & characterization of novel 2-Aryl benzothiazole/benzoxazole, quinoxaline & phenanthroline analogues as fluorescent probes & cancer theranostics applications	DST-SERB-CRG	Kumar,A.S.K., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	29.06	36
1759	Synthesis & characterization of novel chiral boron complexes & their applications in asymmetric diels alder reactions	DST-SERB-CRG	Agarwal,J., Dr. (F) Panjab University Department of Chemistry, R.No. 232, Sector 14 Chandigarh - 160 014 Chandigarh	45.36	36
1760	Synthesis & characterization of Ruthenium & Palladium N-Heterocyclic carbene complexes appended with Napthalmide, Naphthalenediimide, Perylene diimide & flourene moiety: Exploitation of pai stacking in homogeneous catalysis	DST-SERB-CRG	Thirumanavelan,G., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	26.03	36
1761	Synthesis & study of novel helically shaped molecules	DST-SERB-CRG	Bedekar,A.V., Dr. (M) M.S. University of Baroda Department of Chemistry, Faculty of Science Vadodara - 390 002 Gujarat	40.11	36
1762	Synthesis & therapeutic evaluation of new LpxC inhibitors as potent anti-bacterial agents	DST-SERB-CRG	Nanduri,S., Dr. (M) National Institute of Pharmaceutical Education & Research Hyderabad - 500 037 Telangana	42.73	36
1763	Synthesis of D-glucose derived glycoconjugates & their application in molecular recognition & catalysis	DST-SERB-CRG	Sah,A.K., Dr. (M) Birla Institute of Technology & Science (Pilani) Department of Chemistry, Vidya Vihar Pilani - 333 031 Rajasthan	30.10	36
1764	Synthesis of novel beta-functionalized porphyrins for Dye-Sensitized Solar Cell (DSSC), Nonlinear Optics (NLO) & anion sensing applications	DST-SERB-CRG	Sankar,M., Dr. (M) Indian Institute of Technology (Roorkee) Department of Chemistry Roorkee - 247 667 Uttarakhand	30.80	36
1765	Synthesis of novel superbase ionic liquids & analysis of their interactions with CO2 - A thermodynamic approach towards rational design of efficient absorbent for CO2 capture & regeneration	DST-SERB-CRG	Gardas,R.L., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	50.56	36
1766	Synthesis of phosphonated polymer electrolyte membranes for high temperature fuel cells	DST-SERB-CRG	Dharmalingam,S., Dr. (F) Anna University Guindy Chennai - 600 025 Tamil Nadu	24.07	36
1767	Synthesis of privileged heterocycles via visible light photoredox catalyzed cascade reactions	DST-SERB-CRG	Rastogi,N., Dr. (F) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road Lucknow - 226 031 Uttar Pradesh	52.97	36
1768	Synthesis, characterization & investigation of physicochemical properties of specific Ionic Liquid (IL) based systems for evaluation of electrochemical & photocatalytic activities	DST-SERB-CRG	Borah,R., Dr. (F) Tezpur University Napam Tezpur - 784 028 Assam	44.33	36
1769	Synthesis, characterization & pharmacokinetic evaluation of potent integrin antagonists for the prevention & treatment of fungal infections	DST-SERB-CRG	Katiyar,D., Dr. (F) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	42.11	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1770	Synthesis, solution properties & in vitro evaluation of stimuli-responsive polymer - based prodrug systems	DST-SERB-CRG	Dhara,D., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Chemistry Kharagpur - 721 302 West Bengal	38.99	36
1771	The phase transition of thermo-responsive polymer in the presence of proteins as stimuli	DST-SERB-CRG	Venkatesu,P., Dr. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	40.28	36
1772	Total synthesis of dibenzo-alpha-pyrone derived bioactive natural products Rhizopycnolide A & B & their analogues	DST-SERB-CRG	Reddy,N.V., Dr. (M) Kakatiya University Hanamkonda City Hyderabad - 506 009 Telangana	44.15	36
1773	Transition-metal-catalyzed synthesis of fused heterocycles via C-C/C-N bond forming strategies	DST-SERB-CRG	Sakhuja,R., Dr. (M) Birla Institute of Technology & Science (Pilani) Pilani - 333 031 Rajasthan	33.29	36
1774	Tuning tricyclic organotin skeletons for their potential applications in organic synthesis	DST-SERB-CRG	Kaur,V., Dr. (F) Panjab University Chandigarh - 160 014 Chandigarh	30.74	36
1775	Ultrafast studies of conformational changes in photocyclization reaction of diarylethenes & O-arenes using femtosecond time-resolved circular dichroism	DST-SERB-CRG	Yapamanu,A.L., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) School of Chemistry Thiruvananthapuram - 695 016 Kerala	47.85	36
1776	Understanding the mechanism of histone deacetylase 6 isoform by using synthetic Zinc (II) complexes	DST-SERB-CRG	Selvi,T., Dr. (M) Thiagarajar College Madurai - 625 009 Tamil Nadu	35.40	36
1777	Understanding the molecular basis of the biased signaling mechanism in G-Protein coupled receptors using computer simulations	DST-SERB-CRG	Murarka,R.K., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Chemistry, Bypass Road, Bhauri Bhopal - 462 023 Madhya Pradesh	43.49	36
1778	Unravelling the role of heme in bacterioferritin	DST-SERB-CRG	Behra,R.K., Dr. (M) Assistant Professor National Institute of Technology (Rourkela) Department of Chemistry Rourkela - 769 008 Odisha	44.70	36
1779	Valence & spin exchange in symmetric & unsymmetric poly-ruthenium & osmium frameworks involving potential reox-active ligands	DST-SERB-CRG	Lahiri,G.K., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	69.70	36
1780	Visible light induced C-C bond formation using hydrogen atom transfer/proton coupled electron transfer photocatalysis	DST-SERB-CRG	Guin,J., Dr. (M) Indian Association for the Cultivation of Science 2A & 2B, Raja S.C. Mullick Road Kolkata - 700 032 West Bengal	45.74	36
1781	Vitamin B 12 model complexes: Cobaloximes with substituted aromatic dioximes: Synthesis, structure-property relationship studies & their application in electrocatalytic hydrogen generation	DST-SERB-CRG	Vijaikanth,V., Dr. (M) Karunya University Coimbatore - 641 114 Tamil Nadu	64.63	36
1782	Approach towards tailoring the interfacial structure and property of lignin for flexible bio polymer film application	DST-SERB-ECRA	Singh,A., Dr. (M) North Eastern Regional Institute of Sciences & Technology Jorhat - 785 006 Assam	28.08	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1783	Catalytic asymmetric fluorination/trifluoromethylation by C-H activation	DST-SERB-ECRA	Devarajulu,S., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia - 741 246 West Bengal	37.92	36
1784	Crystal engineering of the pharmaceuticals: An approach to address the solubility limitation of drugs	DST-SERB-ECRA	Dar,A.A., Dr. (M) Kashmir University Jammu - 190 006 Jammu & Kashmir	31.02	36
1785	Deep desulfurization of liquid fuels through microbe assisted metal modified adsorbents	DST-SERB-ECRA	Sorokhaibam,L.G., Dr. (F) Visvesvaraya National Institute of Technology (Nagpur) South Ambazari Road Nagpur - 440 010 Maharashtra	34.10	36
1786	Delineation of the physico-chemical basis of the progress of C-C bond forming organic reactions in aqueous and natural supersaturated media	DST-SERB-ECRA	Manna,A., Dr. (M) Adamas University Kolkata - 700 126 West Bengal	28.54	36
1787	Design and development of poly(vinyl alcohol-co-styrene sulfonic acid) based functional membranes for fuel cells application	DST-SERB-ECRA	Gohil,J.M., Dr. (M) Central Institute of Plastics Engineering & Technology Bhubaneswar - 751 010 Odisha	22.00	36
1788	Design and synthesis of selective inhibitors of Human Lactate Dehydrogenase 5 (HLDH5): Targeting the tumor glycolysis for cancer therapy	DST-SERB-ECRA	Rani,R., Dr. (F) Amity University Noida - 201 313 Uttar Pradesh	35.99	36
1789	Design of mechanically dual responsive molecular crystals: A crystal engineering approach	DST-SERB-ECRA	Ghosh,S., Dr. (M) S.R.M. University Kattankulathur - 603 203 Tamil Nadu	36.57	36
1790	Design, synthesis and biological evaluation of novel isoquinoline amide and sulphonamide analogues as autotaxin inhibitors	DST-SERB-ECRA	Mariyala,V., Dr. (M) Vignan Institute of Technology & Science Hyderabad - 500 036 Telangana	27.87	36
1791	Development of efficient methodologies for the synthesis of highly substituted pyridazines	DST-SERB-ECRA	Singha,R., Dr. (M) Panskura Banamali College Midnapore - 721 152 West Bengal	29.39	36
1792	Development of new methodologies for the synthesis of diverse seven membered cyclic systems via ring opening annulation cascade using donor acceptor cyclopropanes	DST-SERB-ECRA	Saha,J., Dr. (M) Centre of Biomedical Research Lucknow - 226 014 Uttar Pradesh	36.52	36
1793	Development of novel hydroxyl functionalized imidazolium polymer electrolyte membranes for alkaline fuel cell applications	DST-SERB-ECRA	Rao,A., Dr. (M) Siddaganga Institute of Technology Tumkur - 572 103 Karnataka	33.68	36
1794	Development of sustainable catalyst system for the installation of CO_2 As A C-1 feed stock: Synthesis of value added compounds	DST-SERB-ECRA	Halder,S., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) Nagpur - 440 010 Maharashtra	45.32	36
1795	Development of theoretical models to describe ^{14}N-^{1}H decoupling in solid state NMR	DST-SERB-ECRA	Pandey,M.K., Dr. (M) Indian Institute of Technology (Ropar) Ropar - 140 001 Punjab	38.50	36
1796	Efficient carbon dioxide reduction with biomimetically-functionalized polyoxometalates	DST-SERB-ECRA	Banerjee,A., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) Nagpur - 440 010 Maharashtra	49.86	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1797	Fabrication of full cell li-ion batteries using advanced layered Ni-Zn-Mn cathode and tin alloy based anode with coin cell and pouch cell configurations	DST-SERB-ECRA	Gnanamuthu,R.M., Dr. (M) S.R.M. University Kattankulathur - 603 203 Tamil Nadu	31.87	36
1798	Fabrication of reusable biocatalytic microcapsules using microfluidic device	DST-SERB-ECRA	Patra,D., Dr. (M) Institute of Nano Science & Technology Mohali - 160 047 Punjab	45.18	36
1799	Functionalized meso microporous nanostructured metal oxides sensor for screening dispersed heavy metal Ions: One shot disposable sensor strips	DST-SERB-ECRA	Siddaramanna,A., Dr. (M) Dayananda Sagar University Bengaluru - 560 078 Karnataka	26.45	36
1800	Functionalized poly diacetlylenes as multi modal sensors	DST-SERB-ECRA	Sungaravadivel,S., Dr. (M) S.S.M. Institute of Engineering & Technology Dindigul - 624 002 Tamil Nadu	30.84	36
1801	Fundamental studies of Na+ Ion storage mechanisms in amorphous carbon (hard & soft) materials	DST-SERB-ECRA	Chandrabose,R.S., Dr. (M) Vels University Chennai - 600 117 Tamil Nadu	28.02	36
1802	High strength self-healing block copolymers through mussel-inspired metal-ligand coordination	DST-SERB-ECRA	Das,R.K., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	36.30	36
1803	In search of high energy density cathodes for sodium ion batteries	DST-SERB-ECRA	Senguttuvan,P., Dr. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Bengaluru - 560 064 Karnataka	46.82	36
1804	Integrated photobioelectrochemical systems for efficient CO2 sequestering	DST-SERB-ECRA	Patra,S., Dr. (M) Indian Institute of Engineering Science & Technology Howrah - 711 103 West Bengal	30.47	36
1805	Investigation of anion-Π interactions in beautifully simple, yet much effective meso substituted two and/or four walls functionalized Calix[4] Pyrroles (C4Ps)	DST-SERB-ECRA	Ali,R., Dr. (M) Jamia Millia Islamia New Delhi - 110 025 Delhi	40.63	36
1806	Investigation of Composite Materials for Gas Storage and Separation: A multiscale modeling approach (COMA-GASS)	DST-SERB-ECRA	Prakash,M., Dr. (M) S.R.M. University Kattankulathur - 603 203 Tamil Nadu	29.37	36
1807	Magnetically separable organic-inorganic hybrid nanoparticles supported group 2 metal catalysts for hydroamination reactions	DST-SERB-ECRA	Sarish,S., Dr. (M) N.S.S. College Pathanamthitta - 689 691 Kerala	37.62	36
1808	Multi shelled metal oxides as electrocatalysts	DST-SERB-ECRA	Chattopadhyay,J., Dr. (M) Amity University Ranchi - 834 001 Jharkhand	29.99	36
1809	New metal organic networks as promising electro active species for energy storage applications from materials development to prototype fabrication	DST-SERB-ECRA	Koner,R.R., Dr. (F) Indian Institute of Technology (Mandi) Mandi - 175 005 Himachal Pradesh	30.51	36
1810	New single source precursors for potential nanostructured Bi2Te3/Sb2Te3 system based thermoelectric materials	DST-SERB-ECRA	Metre,R.K., Dr. (M) Indian Institute of Technology (Jodhpur) Jodhpur - 342 037 Rajasthan	32.12	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1811	Nitrovinyl compounds and their bioisosters as cysteine protease inhibitors for Leishmanial chemotherapy	DST-SERB-ECRA	Shafi,S., Dr. (M) Jamia Hamdard Jamia Nagar, Okhla New Delhi - 110 062 Delhi	22.00	36
1812	Non metallic heterojunction photocatalyst immobilized microcapillaries as optofluidic reactors for the effective continuous flow solar water disinfection	DST-SERB-ECRA	Darbha,V., Dr. (M) Amrita Vishwa Vidyapeetham Coimbatore - 641 112 Tamil Nadu	29.34	36
1813	Phytochemical investigation of manilkara hexandra (Roxb.) and litsea glutinosa (Lour) in search of potent bio active lead	DST-SERB-ECRA	Yadav,D.K., Dr. (M) Mohanlal Sukhadia University Ganapati Nagar Udaipur - 313 001 Rajasthan	25.60	36
1814	Protein disaggregation mechanisms through surface patterning	DST-SERB-ECRA	Radhakrishna,M., Dr. (M) Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 424 Gujarat	29.70	36
1815	Rapid access to synthetically useful complex carbo- and heterocycles through cascade reactions and continuous flow microreactor processes	DST-SERB-ECRA	Bhunia,S., Dr. (F) Central University of Jharkhand Ranchi - 835 205 Jharkhand	38.94	36
1816	Search for new transition metal based zintl phases with complex crystal structures for thermoelectric applications	DST-SERB-ECRA	Prakash,J., Dr. (M) Indian Institute of Technology (Hyderabad) Sangareddy - 502 205 Telangana	52.97	36
1817	Self assembled amino acid based constructs as potential antimicrobial traps	DST-SERB-ECRA	Wangoo,N., Dr. (F) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	23.10	36
1818	Spectrofluorimetric studies on representative nitrogen-heterocyclic drugs and their interaction with DNA- nucleotides	DST-SERB-ECRA	Shaemningwar,N., Dr. (M) National Institute of Technology (Silchar) Silchar - 788 010 Assam	33.09	36
1819	Synthesis and characterization of semiconductor/oxide materials for cost effective perovskite solar cell modules	DST-SERB-ECRA	Gohel,J.V., Dr. (M) Sardar Vallabhbhai National Institute of Technology (Surat) Surat - 395 007 Gujarat	16.32	36
1820	Synthesis and development of peptidomimetic scaffolds targeting the substance P_{17} binding sites	DST-SERB-ECRA	Pandey,A., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	34.10	36
1821	Synthesis of heterocycles towards the benevolence of society	DST-SERB-ECRA	Mondal,S., Dr. (M) Syamsundar College Burdwan - 713 424 West Bengal	32.12	36
1822	Synthesis, characterization and evaluation of structured lipids for potential bioactive applications	DST-SERB-ECRA	Kaki,S.S., Dr. (M) CSIR-Indian Institute of Chemical Technology Hyderabad - 500 607 Telangana	28.20	36
1823	Understanding the novel reactivity and better utilization of bicyclic amidines: Multiple roles of bicyclic amidines in a single transformation	DST-SERB-ECRA	Doddi,V.R., Dr. (F) Central University of Jammu Jammu - 181 143 Jammu & Kashmir	37.62	36
1824	Asymmetric 1, 6-conjugate addition of para-quinone methodes for synthesis of functionalized diarymethine & spirocyclopropane	DST-SERB-EMEQ	Das,U., Dr. (M) CSIR-National Chemical Laboratory Dr Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	49.32	48

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1825	Biologically active natural products: Modern (Coupling/catalytic/C-H activation) & classical synthetic strategies for the total synthesis of biologically potent alkaloids	DST-SERB-EMEQ	Nagarajan,R., Dr. (M) Hyderabad University School of Chemistry, Gachibowli Hyderabad - 500 032 Telangana	38.45	36
1826	Bio-transformation reactions of Pt(II)/Pd(II) & Pt(IV)-sulfur chelates to metal-DNA adduct with nucleobases: Their kinetics, mechanistic pathway, bio-activity & theoretical aspects	DST-SERB-EMEQ	Moi,S.C., Dr. (M) National Institute of Technology (Durgapur) Durgapur - 713 213 West Bengal	44.66	36
1827	Design & development of highly efficient perovskite solar cells by engineering the non-conventional novel hole transporting interlayers	DST-SERB-EMEQ	Banavoth,M., Dr. (M) Hyderabad University School of Chemistry Hyderabad - 500 046 Telangana	52.80	36
1828	Design & synthesis of andrographolide analogues for identification of potent anti-cancerous hit	DST-SERB-EMEQ	Shankar,R., Dr. (M) CSIR-Indian Institute of Integrative Medicine Jammu - 180 001 Jammu & Kashmir	40.32	48
1829	Design, synthesis & biological evaluation of imidazopyridines, imidazopyridine fused chromenes & diazepines: A green chemistry approach	DST-SERB-EMEQ	Atmakur,K., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	28.84	48
1830	Design, synthesis & biological screening of chiral pyrazinoindoles & pyrazinopyrroles as potential antibacterial agent	DST-SERB-EMEQ	Chandra,R., Dr. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	43.26	36
1831	Developing novel TiO2/ZnO multifunctional nanomaterials based photoanode to improve the efficiency of photoelectrochemical cell	DST-SERB-EMEQ	Haldar,K.K., Dr. (M) Assistant Professor Central University of Punjab Centre for Chemical Science, School of Basic & Applied Science, Mansa Road Bhatinda - 151 001 Punjab	50.86	36
1832	Development of novel benzocycloheptenone templates by C-H bond activation: Relevance to application in medicinal chemistry	DST-SERB-EMEQ	Lingaiah,N., Dr. (M) CSIR-Indian Institute of Chemical Technology Division Iiof Organic Chemistry, Lab. VI Hyderabad - 500 007 Telangana	32.76	36
1833	Development of novel multifunctional quinazolinone & cyanoacetamide based heterocyclics with cholinesterase inhibition, anti-beta-amyloid aggregation, antioxidant & neuroprotective properties as innovative drugs for Alzheimer's disease	DST-SERB-EMEQ	Damu,A.G., Dr. (M) Yogi Vermana University Kadapa - 516 003 Andhra Pradesh	41.61	36
1834	Development of ROS sensitive turn-on fluorescent probes for targeted delivery of anti-cancer compounds	DST-SERB-EMEQ	Bhabak,K.P., Dr. (M) Indian Institute of Technology (Guwahati) Department of Chemistry, Surjyamukhi Road, North, Amingaon Guwahati - 781 039 Assam	53.04	48
1835	Diastereoselective synthesis of Lamellarin alkaloid natural product fused spirooxindoles & its analogues. A series of evaluation of its biological activities against Mycobacterium Tuberculosis & other bacterias	DST-SERB-EMEQ	Yuvaraj,P., Dr. (M) CSIR-North East Institute of Science & Technology Jorhat - 785 006 Assam	32.76	36
1836	Directed site-selective C-H functionalization of aromatic & heteroaromatic precursors	DST-SERB-EMEQ	Kaliyamoorthy,A., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Thiruvananthapuram - 695 551 Kerala	46.36	48

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1837	Exploring molecular intricacy - developing facile Catalytic Asymmetric Oxidative Dearomatisation Reactions (CAODRs)	DST-SERB-EMEQ	Sarkar,D., Dr. (M) National Institute of Technology (Rourkela) Department of Chemistry Rourkela - 769 008 Odisha	41.80	36
1838	Exploring the new possibilities & the chemistry of organic & organometallic functionalized nanomaterials	DST-SERB-EMEQ	Gudimetla,V.B., Dr. (M) Central University of Tamil Nadu Department of Chemistry, Kangalanchery Thiruvarur - 610 005 Tamil Nadu	44.20	48
1839	Microbial production of high value malic acid from low cost crude glycerol	DST-SERB-EMEQ	Bharathiraja,B., Dr. (M) Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College Chennai - 600 062 Tamil Nadu	23.52	36
1840	Nanomaterial-based optical & electrochemical biosensors for detection of simulants of warfare nerve agents	DST-SERB-EMEQ	Satnami,M.L., Dr. (M) Pt. Ravishankar Shukla University Raipur - 492 010 Chhattisgarh	27.49	36
1841	Nitric oxide dioxygenation reactions & their mechanistic insights	DST-SERB-EMEQ	Kumar,P., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bhopal Bypass Road, Bhaur Bhopal - 462 066 Madhya Pradesh	44.75	36
1842	Polydopamine based nanoparticles with antimicrobial & antiarsenic properties for water disinfection & remidiation	DST-SERB-EMEQ	Kumar,R., Dr. (M) Sardar Vallabhbhai National Institute of Technology (Surat) Department of Applied Chemistry Surat - 395 007 Gujarat	44.30	36
1843	Quantum chemical studies on structure & reactivity of Ru, Os & Au based anticancer drugs & their interaction with bio-molecules	DST-SERB-EMEQ	Mondal,P., Dr. (M) Assam University Department of Chemistry Silchar - 788 011 Assam	32.26	36
1844	Red-Ox active ferrocene functionalized N-Heterocyclic carbene-molybdenum complex for catalytic nitrogen triple bond reduction	DST-SERB-EMEQ	Saha,B., Dr. (M) CSIR-North East Institute of Science & Technology Division of Material Science & Technology Jorhat - 785 006 Assam	35.55	36
1845	Synthesis & exploration of aqueous phase catalysis of magnetic dendron nanohybrid materials	DST-SERB-EMEQ	Rangasamy,R., Dr. (M) Guru Nanak College Chennai - 600 042 Tamil Nadu	20.80	36
1846	Synthesis of enantiomerically enriched alpha-aminophosphonate nucleosides as anti-Dengue prodrugs: A organocatalytic multi-component reaction	DST-SERB-EMEQ	Kumar,K., Dr. (M) The American College Madurai - 625 002 Tamil Nadu	27.49	36
1847	Synthesis of pai-conjugated polymers through click reactions for organic electronics application	DST-SERB-EMEQ	Krishnamoorthi,S., Dr. (M) Banaras Hindu University Department of Chemistry, Institute of Science Varanasi - 221 005 Uttar Pradesh	42.17	36
1848	Synthesis of pharmacologically active heterocyclic compounds via one pot three-component coupling reaction catalyzed by bio-inspired nanoparticles	DST-SERB-EMEQ	Saha,T.K., Dr. (M) National Institute of Technology (Durgapur) Department of Chemistry, Mahatma Gandhi Avenue Durgapur - 713 209 West Bengal	31.22	48
1849	Synthesis, structural & thermal expansion studies of novel langbeinites for high temperature applications	DST-SERB-EMEQ	Kumar,P., Dr. (M) K.P.R. Institute of Engineering & Technology Vellore - 632 001 Tamil Nadu	25.75	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1850	Transiton metal catalyzed C-H nitrogenation & oxygenation in arenes using sulfoxides as functionalizable directing groups	DST-SERB-EMEQ	Bhanuchandra,M., Dr. (M) Central University of Rajasthan Department of Chemistry, Bandarsindri Ajmer - 305 817 Rajasthan	36.30	36
1851	Development of resin formulation & hybrid materials for 3D printing	DST-SERB-IRRD	Asha,S.K., Dr. (F) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	47.75	36
1852	Based sustainable production of biodiesel from castor (Ricinus communis)	DST-SYST	Kehie,P., Mr. (M) Immanuel College Department of Chemistry Dimapur - 797 112 Nagaland	36.86	36
1853	Design, synthesis of heteroleptic Zn(II) complexes for Organic Light Emitting Devices (OLEDs)	DST-SYST	Surati,K.K.R., Dr. (M) Sardar Patel University Department of Chemistry, Anand Vallabh Vidyanagar - 388 120 Gujarat	29.58	36
1854	Development of effective membranes utilizing electrospinning techniques for removal of micro-pollutants from the waste water	DST-SYST	Bajaj,B., Dr. (M) Chandigarh University NH 95, Chandigarh-Ludhiana Highway Mohali - 140 413 Punjab	24.05	36
1855	Development of hybrid polymer nanocomposites from waste plastics & wood dust	DST-SYST	Devi,N., Dr. (F) National Institute of Technology (Nagaland) Dimapur - 797 103 Nagaland	9.15	36
1856	Upgradation of heavy crude oil & diesel by bio desulfurization using a moicroorganism with improved activity	DST-SYST	Rawat,P.A., Ms. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	28.14	36
1857	Preparation of bio-coal from waste green coconut shell & its demonstration & popularization as an energy rich cooking fuel among rural people in Puri district of Odisha	DST-TIASN	Patnaik,J.K., Dr. (M) Institute of Green Energy & Geospatial Technology Jagatsinghpur - 754 103 Odisha	9.86	36
1858	AIE studies of newly designed anthracene-based coordination compounds & their applications	DST-WOS-A	Mukherjee,A., Dr. (F) Birla Institute of Technology & Science (Pilani) Department of Chemistry Hyderabad - 500 078 Telangana	31.55	36
1859	An ordered M-Crystallin and an intrinsically disordered Hahellin of βγ-crystallin family provide mechanistic insights into the conformational transition linked to cataract and polypeptide cleavage	DST-WOS-A	Patel,S., Dr. (F) Mumbai University UM-DAE Centre of Excellence in Basic Sciences Mumbai - 400 098 Maharashtra	26.73	36
1860	Assessment of sulfur centered halogen bonding (C-X S, X = Cl, Br, I) interaction using matrix isolation infrared spectroscopy	DST-WOS-A	Chakraborty,A., Dr. (F) Birla Institute of Technology & Science (Pilani) Department of Chemistry Pilani - 333 031 Rajasthan	29.41	36
1861	Asymmetric dearomatization of phenols & indoles & their application in the total synthesis of complex natural products	DST-WOS-A	Nayani,K., Dr. (F) CSIR-Indian Institute of Chemical Technology Natural Product Laboratory Hyderabad - 500 007 Telangana	28.85	36
1862	Clean & enhanced electrolytic method for the removal of perchlorate from drinking	DST-WOS-A	Bhuvaneshwari,B., Dr. (F) Indian Institute of Technology (Kanpur) Department of Chemical Engineering Kanpur - 208 016 Uttar Pradesh	26.64	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1863	Computational design, synthesis & optoelectronic properties of functionalized 1,3,5-triazine compounds & their metal complexes	DST-WOS-A	Vidya,V.M., Ms. (F) National Institute of Technology (Kurukshetra) Department of Chemistry Kurukshetra - 136 119 Haryana	19.74	36
1864	Coordination Chemistry of platinum metals incorporating 2-((2-aminiphenyl) diazenyl) phenol based ligands: Studies on phusicochemical properties & reactivity	DST-WOS-A	Pattanayak,P., Dr. (F) Kalyani University Department of Chemistry Nadia - 741 235 West Bengal	32.71	36
1865	Cyclic aromatic hydrocarbons & nanomaterials for biological applications	DST-WOS-A	Betsy,M., Dr. (F) Rajiv Gandhi Centre for Biotechnology Department of Cancer Research Thiruvananthapuram - 695 014 Kerala	28.55	36
1866	Design & synthesis of self-assembled small nanomaterials for targeted delivery of biomolecules	DST-WOS-A	Deka,S.R., Dr. (F) CSIR-Institute of Genomics & Integrative Biology Delhi - 110 007 Delhi	29.95	36
1867	Design, synthesis & SAR studies of heterocyclic analogue of gliflozine's as potent SGLT2 inhibitors	DST-WOS-A	Ganwir,P., Ms. (F) Institute of Chemical Technology Department of Pharmaceutical Sciences & Technology, Matunga Mumbai - 400 019 Maharashtra	23.59	36
1868	Development of new strategies to access the 3,4-fused indoles: Application to the synthesis of 3,4-fused indole alkaloids and their derivatives	DST-WOS-A	Prapurna,L.Y., Dr. (F) CSIR-Indian Institute of Chemical Technology Division of Natural Products Chemistry Hyderabad - 500 007 Telangana	31.60	36
1869	Development of nucleic acid analogues containing metallo base pairs	DST-WOS-A	Naithani,N., Dr. (F) Institute of Nano Science & Technology Soft Nanostructures Group, Sector-64 Mohali - 160 062 Punjab	32.43	36
1870	Development of organic-inorganic hybrid nano composites mediated by plant resources as anti-diabetic agent	DST-WOS-A	Saikia,I., Dr. (F) Gauhati University Department of Chemistry Guwahati - 781 014 Assam	27.21	36
1871	Grafting halogen bonding in peptidic foldamers for structural & functional applications	DST-WOS-A	Manasa,P., Dr. (F) Bangalore University Department of Chemistry Bengaluru - 560 056 Karnataka	21.72	36
1872	Label-free tracking of antibiotics across dual-membrane envelope of live gram-negative bacteria using second-harmonic light scattering technique	DST-WOS-A	Gayen,A., Dr. (F) Indian Institute of Technology (Kanpur) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	31.77	36
1873	Luminescent molecular organic liquids for large area lighting applications	DST-WOS-A	Nayak,R.A., Dr. (F) CSIR-National Chemical Laboratory Division of Organic Chemistry, Dr Homi Bhabha Road Pune - 411 008 Maharashtra	29.63	36
1874	Macrocyclic furans - a route to diverse cyclic oligophenylenes	DST-WOS-A	Gadakh,S.K., Dr. (F) Indian Institute of Science Education & Research (Pune) Department of Chemistry, Pashan Pune - 411 008 Maharashtra	28.36	36
1875	Metal complexes, chalcogenide ligands & their nanoparticles: Selective sensor for anions & cations	DST-WOS-A	Singh,P., Dr. (F) Indian Institute of Technology (Delhi) Department of Chemistry, Hauz Khas New Delhi - 110 016 Delhi	10.80	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1876	Metallorganic chemistry of aluminum - diketiminates & substituted 8-Hydroxyquinolines: Bwith Poly- applications as photo-responsive materials	DST-WOS-A	Walawalkar,M.G., Dr. (F) Indian Institute of Technology (Bombay) Department of Chemistry, Powai Mumbai - 400 076 Maharashtra	31.60	36
1877	Morphological variation in heteroatoms doped graphene oxide/ TiO2 with mixed metal oxide catalysts for the production of hydrogen from photocatalytic water splitting	DST-WOS-A	Thangavel,N., Ms. (F) S.R.M. Institute of Sciences & Technology Chennai - 603 203 Tamil Nadu	21.94	36
1878	Nanostructured Sn and layered MoS2 based nanocomposites for high-capacity sodium-ion batteries	DST-WOS-A	Chothe,U.P., Ms. (F) Centre for Materials for Electronics Technology (C-MET) Ministry of Electronics and Information Technology, Panchwati, Homi Bhabha Road Pune - 411 008 Maharashtra	22.05	36
1879	New electrode materials for Potassium ion based energy storage technologies	DST-WOS-A	Chandrasekaran,N., Dr. (F) National Institute of Technology (Tiruchirapalli) Department of Energy & Environment, CEESAT, Namakkal Tiruchirappalli - 620 015 Tamil Nadu	31.99	36
1880	Oxo-metallic complexes anchored mesoporus silica: Potential UV-Visible light harvesting materials for photocatalytic reactions as well as for bio-inspired catalytic hydrogenation	DST-WOS-A	Sowmianarayanan,P., Dr. (F) Indian Institute of Technology (Madras) Department of Chemistry, National Centre for Catalysis Research Chennai - 600 036 Tamil Nadu	31.72	36
1881	Palladium(II) mediated C-H activation of multidentate Schiff bases: Syntheses, structural characterization	DST-WOS-A	Jagadeesan,L.P., Dr. (F) Bishop Heber College P.G. & Research Department of Chemistry Tiruchirappalli - 620 017 Tamil Nadu	28.30	36
1882	Peptide conjugated lipid nanoparticles: Synthesis, radiolabeling & biological evaluation as receptor mediated Prostate tumor imaging theranostic radiopharmaceuticals	DST-WOS-A	De,K., Dr. (F) CSIR-Indian Institute of Chemical Biology Division of Infectious Diseases & Immunology, Jadavpur Kolkata - 700 032 West Bengal	31.61	36
1883	Performance enhancing strategies for micro-particle based silk fibroin 3D scaffolds for bone tissue engineering	DST-WOS-A	Parekh,N.A., Ms. (F) CSIR-National Chemical Laboratory Division of Polymer Science & Engineering Pune - 411 008 Maharashtra	21.94	36
1884	Photocatalytic degradation of organic pollutants in water using LDH and zeolite nanoparticles	DST-WOS-A	Devi,R., Ms. (F) Tezpur University Department of Chemical Sciences, School of Science & Technology Tezpur - 784 028 Assam	29.96	36
1885	Role of donor and acceptors in molecular switches and random access memory: Combined ab initio and many-body study	DST-WOS-A	Pati,A.Y., Dr. (F) Indian Institute of Science Solid State & Structural Chemistry Unit Bengaluru - 560 012 Karnataka	27.76	36
1886	Room temperature biaxial nematogens for promising application in liquid crystal based ultrafast electro-optical devices: Synthesis, characterization & applications	DST-WOS-A	Begum,N., Dr. (F) Indian Institute of Science Education & Research (Mohali) S.A.S. Nagar Mohali - 140 306 Punjab	28.86	36
1887	Solid phase synthesis of oligo Arabinofuranosides	DST-WOS-A	Vangala,M., Dr. (F) Indian Institute of Science Education & Research (Pune) Department of Chemistry Pune - 411 008 Maharashtra	31.99	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1888	Sustainable energy storage materials for green buildings	DST-WOS-A	Dhivya,S., Ms. (F) Anna University Department of Allied Science & Technology Chennai - 600 025 Tamil Nadu	22.40	36
1889	Syntheses of podophyllotoxin & related analogues as potential anticancer agents through microtubule and/or DNA topoisomerase inhibition	DST-WOS-A	Srivastava,A., Ms. (F) CSIR-Central Institute of Medicinal & Aromatic Plants Department of Medicinal Chemistry Lucknow - 226 011 Uttar Pradesh	20.87	36
1890	Synthesis & evaluation of alginate-chitosan microcapsules for targeted delivery of Vitamin B12 producing probiotic strain: In vitro and in vivo approach	DST-WOS-A	Kumari,M., Dr. (F) National Institute of Food Technology Entrepreneurship & Management Department of Basic & Applied Sciences, Kudali Sonepat - 131 028 Haryana	32.16	36
1891	Synthesis & evaluation of novel diaryl/hetero aryl pyrrole Mannich bases as potent anti-depressant agents	DST-WOS-A	Wunnava,A.U., Ms. (F) Andhra University Department of Pharmaceutical Chemistry, Andhra University College of Pharmaceutical Sciences Visakhapatnam - 530 003 Andhra Pradesh	25.75	36
1892	Synthesis of double perovskite materials for solar cell application	DST-WOS-A	Subbiah,V., Ms. (F) National Institute of Technology (Tiruchirapalli) Department of Chemistry, Nanomaterials & Solar Energy Conservation Lab, Namakkal Tiruchirappalli - 620 015 Tamil Nadu	18.31	36
1893	Synthesis of gold nano conjugates of novel aloe active anthraquinone compounds: Biophysical approaches targeting oncogene promoter g- quadruplexes & in vitro biological evaluation as anticancer agent	DST-WOS-A	Das,A., Dr. (F) CSIR-Indian Institute of Chemical Biology Kolkata - 700 032 West Bengal	32.15	36
1894	Synthesis of heterocyclic molecules using vinyl azides as handy synthons	DST-WOS-A	Fatima,L., Dr. (F) CSIR-Indian Institute of Chemical Technology Natural Product Laboratory, DNPC, Genetic Chemistry Laboratory Hyderabad - 500 007 Telangana	29.93	36
1895	Synthesis of mixed-ligand peroxo complexes of vanadium & tantalum & exploration of their biochemical properties	DST-WOS-A	Saikia,G., Ms. (F) Tezpur University Department of Chemical Sciences, Napaam Tezpur - 784 028 Assam	15.70	36
1896	Synthesis of new fluoro analogues of Bedaquiline and study of their antimycobacterial activity	DST-WOS-A	Madabhushi,Y.V., Dr. (F) CSIR-Indian Institute of Chemical Technology Division of Medicinal Chemistry & Pharmacology Hyderabad - 500 039 Telangana	32.60	36
1897	Synthesis of novel derivatives of Thieno (3, 2-c) pyran & their anticancer (breast & lung) properties	DST-WOS-A	Yadav,S., Dr. (F) Delhi University Department of Chemistry Delhi - 110 007 Delhi	32.95	36
1898	Synthesis of novel molecules for specific cancer targeting	DST-WOS-A	Kausar,A., Dr. (F) Jawaharlal Nehru University School of Biotechnology New Delhi - 110 067 Delhi	32.16	36
1899	Synthesis of polymer films having low dielectric constant	DST-WOS-A	Shrivastava,D.R., Dr. (F) Pillai College of Engineering Department of Applied Physics, New Panwel Mumbai - 410 206 Maharashtra	27.80	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1900	Synthesis, characterization & photocatalytic studies of alkali/alkaline metal phosphates	DST-WOS-A	Baig,U., Ms. (F) Osmania University Department of Chemistry, University College of Science Hyderabad - 500 007 Telangana	17.50	36
1901	Synthesis, characterization and anticancer evaluation of coumarin based acrylic linked hydroxamic acid/amide derivatives	DST-WOS-A	Tasneem,S., Ms. (F) Jamia Hamdard Department of Pharmaceutical Chemistry, School of Pharmaceutical Education & Research New Delhi - 110 062 Delhi	22.71	36
1902	Total synthesis of (S)-esmolol, (S)-melphalan, (R,R)-(+)-retalin and it's derivatives	DST-WOS-A	Pawar,P.D., Ms. (F) Savitribai Phule Pune University Department of Chemistry Pune - 411 007 Maharashtra	21.94	36
1903	ZIF based membranes for olefin/paraffin separation	DST-WOS-A	Thote,J.A., Dr. (F) CSIR-National Chemical Laboratory Division of Plymer Science & Engineering Pune - 411 008 Maharashtra	26.84	36
1904	A novel approach of chemically modified ..	UGC-MNRP	Dhanalakshmi,R., Dr. (F) Assistant Professor Saraswathi Narayana College Perungudi Madurai - 625 022 Tamil Nadu	2.60	24
1905	Analysis of soil & water in Madanapall	UGC-MNRP	Rao,D.M., Dr. (M) Associate Professor Besant Theosophical College Madanapalle Chittoor - 517 325 Andhra Pradesh	3.30	24
1906	Development & evaluation of polymeric	UGC-MNRP	Krishna,P.R., Dr. (F) Assistant Professor P.S. Government Degree College Penukonda Anantapur - 515 110 Andhra Pradesh	39.10	24
1907	DNA binding studies of novel macrocyclic	UGC-MNRP	Malarvizhi,M., Mr. (M) Assistant Professor The Madura College Madurai - 625 001 Tamil Nadu	2.30	24
1908	Mechanistic Investigations in acid broma	UGC-MNRP	Manjari,P.S., Dr. (F) Assistant Professor University College of Science Saifabad Hyderabad - 500 004 Telangana	3.30	24
1909	Stnthesis & characterization of metal	UGC-MNRP	Kumar,G.A., Mr. (M) Assistant Professor Sreenidhi Institute of Science & Technology Ghatkesar Hyderabad - 501 301 Telangana	2.15	24
1910	Studies on the synthesis-characterization	UGC-MNRP	Palanisamy,P.N., Dr. (M) Professor Kongu Engineering College District Erode Perundurai - 638 052 Tamil Nadu	1.20	24
1911	Synthesis & biological activity of new ..	UGC-MNRP	Reddy,A.L.V., Dr. (M) Assistant Professor Chaitanya Bharathi Institute of Technology Kadapa - 516 360 Andhra Pradesh	1.20	24
1912	Synthesis characterization & ..	UGC-MNRP	Rani,T.S., Mrs. (F) Assistant Professor Government College for Men Anantapur - 515 001 Andhra Pradesh	1.53	24

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1913	Synthesis characterization & biological ..	UGC-MNRP	Jalapathi,P., Mr. (M) Assistant Professor University College of Science Saifabad Hyderabad - 500 004 Telangana	2.50	24
1914	Synthesis of diesel from vegetable oil	UGC-MNRP	Balasundaram,A., Mr. (M) Assistant Professor Arumugam Pillai Seethai Ammal College Thiruppattur Sivagangai - 630 211 Tamil Nadu	2.09	24
1915	Synthetic utility of Baylis-Hillman ..	UGC-MNRP	Kumar,V.S., Mr. (M) Assistant Professor J.V.R. Government College Sathupally Khammam - 507 303 Telangana	1.20	24

Total Cost of 473 Projects Under: ***Chemical Sciences*** 14,778.54

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1916	Characterization of argillites as a proxy for paleoclimatic-paleogeographic changes: A study from permian barakar formation and barren measures formation, west Bokaro coalfield and Talchir coalfield, India	CSIR-GS	Bhattacharya,B., Dr. (M) Indian Institute of Technology (Roorkee) Department of Earth Science Roorkee - 247 667 Uttarakhand	21.96	36
1917	Developing near real time high resolution precipitation product using multi-satelite sensors for near real time/flood monitoring	CSIR-GS	Mishra,A.K., Dr. (M) Sathyabama University Centre for Remote Sensing & Geology Information Chennai - 600 119 Tamil Nadu	30.35	36
1918	Geochemistry & geochronology of distinct paleoproterozoic mafic dyke swarms from the western Dharwar craton: Implications for recognition of Large Igneous Provinces (LIPS), comparison with mafic dykes from the eastern Dharwar ..	CSIR-GS	Srivastava,R.K., Prof. (M) Banaras Hindu University Centre of Advanced Study in Geology Varanasi - 221 005 Uttar Pradesh	12.80	36
1919	Ichnological and sedimentological evaluation of the chhasra formation (Burdigalian), Kachchh, Gujarat	CSIR-GS	Kale,M.G., Dr. (M) Savitribai Phule Pune University Department of Geology Pune - 411 007 Maharashtra	8.20	36
1920	Ichnological and sedimentological evaluation of the chhasra formation (Burdigalian), Kachchh, Gujarat	CSIR-GS	Kulkarni,K.G., Dr. (F) Agharkar Research Institute Pune - 411 004 Maharashtra	21.46	36
1921	Approach for the processing of data of vibro-seismic waves records and theoretical investigations on seismic waves	DST-IBC	Kundu,S., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Applied Mathematics, Sardar Patel Nagar, Hirapur Dhanbad - 826 004 Jharkhand	14.22	36
1922	Bio-climate feedbacks of melting Himalayan ice	DST-IBC	Ramanathan,A.L., Mr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	24.21	36
1923	Characterization of oil field water to mitigate a major environmental hazard with recovery of usable water	DST-IBC	Gogoi,S.B., Dr. (M) Dibrugarh University Dibrugarh - 786 004 Assam	11.00	24
1924	Diatom and cyanobacteria flora of peninsular India: Molecular reinvestigation of endemic and cosmopolitan taxa across biodiversity hotspot (Western Ghats)	DST-IBC	Balasubramanian,K., Dr. (M) Agharkar Research Institute Department of Biodiversity & Paelobiology, Gopal Ganesh Agarkar Road Pune - 411 004 Maharashtra	12.25	36
1925	Environmental adaptation and resilience to climate change: Investigating the sustainability of the Indus civilisation (Indus Sustainability)	DST-IBC	Singh,R.N., Prof. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	25.44	36
1926	Estimating silicate weathering in a rising CO2 world from river water chemistry and lab-experiments: Implications for future climate models	DST-IBC	Chakrabarti,R., Dr. (M) Indian Institute of Science Centre for Earth Sciences, C.V. Raman Road Bengaluru - 560 012 Karnataka	35.27	36
1927	Evolutionary change in the structure and composition of fossil shark, crocodile & mammal teeth in past 50 million years	DST-IBC	Patnaik,R., Dr. (M) Panjab University Department of Geology, Sector 14 Chandigarh - 160 014 Chandigarh	6.01	24

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1928	Geophysical methods to monitoring soil bioremediation	DST-IBC	Pujari,P.R., Dr. (M) ICAR-National Environmental Engineering Research Institute Vasant Nagar Nagpur - 440 020 Maharashtra	26.64	36
1929	Mesoproterozoic microbiotas of Eurasia: An integrated approach to the Indian and Russian early eukaryote-dominated assemblages	DST-IBC	Sharma,M., Dr. (M) Birbal Sahni Institute of Palaeobotany 53, University Road Lucknow - 226 007 Uttar Pradesh	19.83	36
1930	Petrology and geology of archaean greenstone complexes of the Bundelkhand (Indian shield) and Karelian (Fennoscandian shield) cratons: Implication for geodynamic reconstruction of the early earth	DST-IBC	Singh,V.K., Dr. (M) Bundelkhand University Department of Geology Jhansi - 284 128 Uttar Pradesh	11.18	36
1931	Petrology, ore-potential and genesis of alkaline and carbonatite complexes of Indian and Aldan shields	DST-IBC	Ghosh,P., Dr. (M) Indian Institute of Science Centre for Earth Sciences, C.V. Raman Road Bengaluru - 560 012 Karnataka	33.18	36
1932	Probing the provenance and distribution of heavy-mineral placer deposits in coastal areas of southern India and SW Sri Lanka; A new multi-mineral proxy approach to understand source to-sink link	DST-IBC	Krishnan,S., Prof. (M) Indian Institute of Science C.V. Raman Road Bengaluru - 560 012 Karnataka	17.61	24
1933	Response of near-surface anisotropic objects in the electromagnetic field of a high-frequency horizontal electric dipole	DST-IBC	Agrahari,S., Dr. (F) Indian Institute of Technology (Kharagpur) Department of Geology and Geophysics Kharagpur - 721 302 West Bengal	13.92	36
1934	Understanding recent extreme events in India in the context of climate change	DST-IBC	Mondal,A., Prof. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	30.72	36
1935	Ground state magnetic structure, spin dynamics & hyperfine interactions in frustrated 3d-metal based helimagnets: Nuclear resonance spectroscopy study	DST-IMRC	Mahajan,A., Mr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	35.64	36
1936	Application of geo-spatial technologies in monitoring of soil & water micronutrients distribution & their impact on crops & human health	DST-NRDMS	Kochar,B., Dr. (M) Research Adviser Mewat Development Society H.O. Chharora (Taoru) Mewat - 122 105 Haryana	15.00	24
1937	Application of Geospatial technology for water resource assessment & management in hard rock areas of Chhatarpur & Tikamgarh districts of Bundelkhand region: An integrated approaches used in India	DST-NRDMS	Singh,V., Dr. (F) Associate Professor Barkatullah Vishwavidyalaya Department of Earth Science Bhopal - 422 026 Madhya Pradesh	16.07	24
1938	Capcity building, overall coordination of various projects under networking mode in NE, India	DST-NRDMS	Kumar,A., Dr. (M) Manipur University Department of Earth Sciences Imphal - 795 003 Manipur	17.27	24
1939	Development of a framework & guidelines for spatial data assets management & applications for the use of Uttarakhand state	DST-NRDMS	Rawat,J.S., Prof. (M) Kumaun University Department of Geography. S.S.J. Campus Almora - 236 601 Uttarakhand	96.96	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1940	Development of GIS based crime mapping system	DST-NRDMS	Gupta,S., Mr. (M) Assistant Professor Amity University Department of Civil Engineering, Amity School of Engineering & Technology, Maharajpura Gwalior - 474 005 Madhya Pradesh	11.95	24
1941	Food processing of the local food products & linking with farmers in Bundelkhand region	DST-NRDMS	Bhatt,D.K., Dr. (M) Assistant Professor Bundelkhand University Department of Food Technology Jhansi - 284 128 Uttar Pradesh	16.60	24
1942	Geoscientific studies - Geodetic, geological, geomorphological & geotechnical of active landslides	DST-NRDMS	Pal,S.K., Dr. (M) Associate Professor National Institute of Technology (Agartala) Department of Civil Engineering, Jirania Agartala - 799 046 Tripura	18.55	24
1943	Geoscientific studies - Geodetic, geological, geomorphological & geotechnical of active landslides	DST-NRDMS	Khuman,C.M., Mr. (M) Assistant Professor Nagaland University Department of Geology, Kohima Campus Meriema - 797 004 Nagaland	22.45	24
1944	Geoscientific studies - Geodetic, geological, geomorphological & geotechnical of active landslides	DST-NRDMS	Singh,R.K.H., Dr. (M) Assistant Professor United College Department of Geology, Lanbung Chandel - 795 127 Manipur	25.05	24
1945	Geoscientific studies - Geodetic, geological, geomorphological & geotechnical of active landslides - Forecasting & prevention	DST-NRDMS	Singh,M.C., Dr. (M) Associate Professor Imphal College Department of Geology Imphal - 795 001 Manipur	29.63	24
1946	GIS & soft computing based land consolidation system	DST-NRDMS	Lohani,B., Dr. (M) Professor Indian Institute of Technology (Kanpur) Department of Civil Engineering Kanpur - 208 016 Uttar Pradesh	21.06	18
1947	GIS mapping of seagrass beds in Pudukkottai & Ramnad districts in Palk Bay, Tamil Nadu	DST-NRDMS	Balaji,V., Dr. (M) Director Omcar Foundation 69, Vendakkottai Road, Post Pattukkottai Thanjavur - 614 601 Tamil Nadu	11.82	24
1948	Himachal Pradesh State Spatial Data Infrastructure (HP-SSDI)	DST-NRDMS	Satyarthi,K., Mr. (M) Himachal Pradesh Council for Science, Technology & Environment Aryabhatta Geo-informatics & Space Application Centre, 34, SDA Complex, Kasumpti Shimla - 171 009 Himachal Pradesh	355.23	36
1949	Impact of surface water harvesting structures on irrigated agriculture along the Luni river: An assessment using long term time series of LANDSAT, LISS & MODIS	DST-NRDMS	Bhakar,R., Dr. (M) Lecturer Government Dungar College Department of Geography, Sagar Road Bikaner - 334 001 Rajasthan	14.37	24
1950	Integrated approach for groundwater assessment & potential modeling in hard rock terrain of Jhansi district of Bundelkhand region using GWREM-97 & geospatial technology	DST-NRDMS	Tripathi,S., Dr. (M) Associate Professor Mahatma Gandhi Chitrakoot Gramoday Vishwavidyalaya Centre for Remote Sensing & GIS, Chitrakoot Satna - 485 334 Madhya Pradesh	17.13	24
1951	Mapping of fisheries resources & water quality of important rivers & reservoirs of Sikkim	DST-NRDMS	Singh,B.K., Dr. (M) Assistant Professor (S.S.) Central Agricultural University Department of Process & Food Engineering, College of Agricultural Engineering & Post Harvest Technology, Ranipool Gangtok - 737 135 Sikkim	11.60	24

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1952	Monitoring of landslide by instrumentation & participatory mapping	DST-NRDMS	Laldinpunia, Dr. (M) Assistant Professor Pachhunga University College Department of Geology Aizawal - 796 001 Mizoram	25.11	24
1953	Neo-tectonics & geophysical studies along CMF in Churachandpur, Manipur	DST-NRDMS	Kumar,A., Dr. (M) Manipur University Department of Earth Sciences Imphal - 795 003 Manipur	20.32	24
1954	Numerical modelling of Nungkao landslide, NH - 37, Manipur	DST-NRDMS	Singh,K.M., Dr. (M) Associate Professor Imphal College Department of Geology, Kwakeithel Imphal - 795 001 Manipur	29.65	24
1955	Open source tool for land use monitoring system using Geo Spatial data	DST-NRDMS	Parivallal,R., Mr. (M) Assistant Professor Bannari Amman Institute of Technology Department of Computer Applications, District Erode Sathyamangalam - 638 401 Tamil Nadu	5.60	24
1956	Rainfall induced landslide hazards, forecast & prevention	DST-NRDMS	Krishna,A.M., Prof. (M) Indian Institute of Technology (Guwahati) Department of Civil Engineering Guwahati - 781 039 Assam	31.09	24
1957	Rainfall induced landslide hazards, forecast & prevention	DST-NRDMS	Walia,D., Dr. (M) Professor North-Eastern Hill University Department of Environment Studies Shillong - 793 022 Meghalaya	26.12	24
1958	Risk analysis of Encephalitis disease in Khammam district (Telegana State) & Geospatial approach for surveillance	DST-NRDMS	Suthakaran,R., Dr. (M) Principal & Professor Vijaya College of Pharmacy Munganoor (V), Via - Sanghinagar Post, Hayathnagar (M) Hyderabad - 501 511 Telangana	4.93	18
1959	Soil loss estimation of Dwarkeswar river basin using Remote Sensing & GIS techniques	DST-NRDMS	Pal,S.C., Dr. (M) Assistant Professor Burdwan University Department of Geography, U7A/D-1, Tarabag Campus Burdwan - 713 101 West Bengal	10.70	24
1960	Urban heat island study of selected Indian cities using earth observation techniques	DST-NRDMS	Goswami,A., Dr. (F) Assistant Professor Indian Institute of Technology (Roorkee) Department of Earth Sciences Roorkee - 247 667 Uttarakhand	20.06	24
1961	Water assessment & potential for exploration in Tikkamgarh & Jhansi districts of the Bundelkhand regions	DST-NRDMS	Singh,S.P., Prof. (M) Bundelkhand University Department of Geology, Institute of Earth Sciences Jhansi - 284 128 Uttar Pradesh	50.00	24
1962	Bias-corrected high resolution future projections of the distribution of rainfall over Peninsular India in response to warming climate	DST-SERB-CRG	Abhilash,S., Dr. (M) Cochin University of Science & Technology School of Marine Sciences, Kalamassery Kochi - 682 022 Kerala	30.51	36
1963	Characterizing & modelling the impact of soil moisture heterogeneity on convective processes over the Indian subcontinent	DST-SERB-CRG	Madhusoodanan,M.S., Dr. (M) Amrita Vishwa Vidyapeetham Kollam - 690 525 Kerala	36.06	36
1964	Chemical characterization & source apportionment of ambient ubmicron particles	DST-SERB-CRG	Kumari,K.M., Dr. (F) Dayalbagh Educational Institute Agra - 282 002 Uttar Pradesh	29.18	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
1965	Conjunctive use of surface water & groundwater management: A new framework for strategic decision making	DST-SERB-CRG	Ramesh,H., Dr. (M) Assistant Professor National Institute of Technology (Karnataka) Department of Applied Mechanics & Hydraulics, Surathkal Mangalore - 575 025 Karnataka	30.33	36
1966	Estimation of the source parameters & scaling relations for moderate size earthquakes in national capital (Delhi) region	DST-SERB-CRG	Sandhu,M., Dr. (F) Kurukshetra University Kurukshetra - 136 119 Haryana	23.10	36
1967	Evolution of the Madras block, southern India: A reinvestigation on India-Antarctica correlation	DST-SERB-CRG	Krishnan,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	66.78	36
1968	Geospatial analysis & mapping of groundwater fluoride contamination in Jammu province with emphasis on its vulnerability & remediation	DST-SERB-CRG	Slathia,D., Dr. (F) Jammu University Department of Environmental Sciences Jammu - 180 006 Jammu & Kashmir	24.79	36
1969	Hyperspectral & multispectral approaches for the delineation & characterization of coastal dune ecosystem & its habitats in certain parts of Tamil Nadu	DST-SERB-CRG	Bhaskar,A.S., Dr. (F) Assistant Professor S.R.M. University Department of Civil Engineering, Faculty of Engineering & Technology Kattankulathur - 603 203 Tamil Nadu	30.42	36
1970	Implication of data assimilation for identifying short scale variations in various biogeochemical characteristics in the Bay of Bengal through regional ocean model simulations	DST-SERB-CRG	Ghoshal,T., Dr. (M) Assistant Professor Dehradun Institute of Technology Department of Civil Engineering, Makkawala Dehradun - 248 009 Uttarakhand	15.56	36
1971	Investigating causes of differential crustal attenuation in the Garhwal & the Kumaon Himalaya	DST-SERB-CRG	Joshi,A., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	27.93	36
1972	Investigation of the complete pathway of chromium from tannery effluent to soil in different particle sizes & their probable mitigation through phytoremediation	DST-SERB-CRG	Das,B., Dr. (M) Associate Profssor Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	39.07	36
1973	Investigation on the role of cloud water in the tropical forests using Isotope technique	DST-SERB-CRG	Resmi,T.R., Dr. (F) Centre for Water Resources Development & Management Kozhikode - 673 571 Kerala	30.51	36
1974	Modeling runoff variability & predicted runoff condition of a semi-gauged river basin of tropical India as a respons to climate change & transformed Landuse Landcover (LULC)	DST-SERB-CRG	Mitra,S., Dr. (F) Haldia Institute of Technology Haldia - 721 657 West Bengal	37.14	36
1975	Organic petrological & geochemical characterization of the permian coal deposits, Hasdo-Arand Coalfields, Chhattisgarh, India	DST-SERB-CRG	Naik,A.S., Dr. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	71.42	36
1976	Possible hadean to archaean crustal evolution in the Singhbhum craton: An investigation into the detrital zircon archive	DST-SERB-CRG	Dey,S., Dr. (F) Indian Institute of Technology (Dhanbad) Department of Applied Geology Dhanbad - 826 004 Jharkhand	41.00	36
1977	Study on the reflectance & thermal emission spectral characteristics of orthopyroxens bearing granitic rocks for terrestrial & planetary Remote Sensing	DST-SERB-CRG	Nair,A.M., Dr. (F) Indian Institute of Technology (Guwahati) Department of Civil Engineering Guwahati - 781 039 Assam	60.81	36

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1978	A seismic transect across northeastern India beneath the Shillong plateau	DST-SERB-ECRA	Agrawal,M., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	43.05	36
1979	Black carbon aerosols over Jamshedpur: Source, radiative forcing and climate impact	DST-SERB-ECRA	Ambade,B., Dr. (M) National Institute of Technology (Jamshedpur) Jamshedpur - 831 014 Jharkhand	36.80	36
1980	Comparison of phase velocities of Rayleigh waves, Love waves and Torsional waves in various anisotropic geo-media	DST-SERB-ECRA	Vishwakarma,S.K., Dr. (M) Birla Institute of Technology & Science (Pilani) Hyderabad - 500 078 Telangana	13.67	36
1981	Delineation of shallow subsurface morphotectonics below the central seismic gap - Himalaya using an integration of passive and controlled source seismology	DST-SERB-ECRA	Ghosal,D., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	53.19	36
1982	Enigma of positive and negative carbon isotope excursions in late permian to early triassic interval	DST-SERB-ECRA	Samanta,A., Dr. (F) Asutosh College Kolkata - 700 026 West Bengal	14.30	36
1983	Exploring soil microbial community and mechanisms in soil carbon sequestration under long term land uses in semiarid-sub humid central India	DST-SERB-ECRA	Bhattacharjya,S., Dr. (M) ICAR-Indian Institute of Soil Science Bhopal - 462 038 Madhya Pradesh	43.98	36
1984	Geochemistry of boron and its availability in soils of Indo-Gangetic plains under predominant cropping systems	DST-SERB-ECRA	Das,R., Dr. (F) ICAR-Indian Agricultural Research Institute Pussa Campus New Delhi - 110 012 Delhi	34.40	36
1985	Geo-thermochronological investigation of lesser Himalayan crystallines of Garhwal region, NW-Himalaya: Implication to extrusion and duplexing models	DST-SERB-ECRA	Singh,P., Dr. (M) Wadia Institute of Himalayan Geology Dehradun - 248 001 Uttarakhand	38.91	36
1986	Holocene centennial to millennial scale changes in Indian summer monsoon: A multi proxy record from high altitude regions of Uttarakhand Himalaya	DST-SERB-ECRA	Rawat,S., Dr. (F) Wadia Institute of Himalayan Geology Dehradun - 248 001 Uttarakhand	40.46	36
1987	Identification of hydrogeochemical controls on occurrence of high fluorides in bed rock aquifers of Shanmuganadhi sub basin, Amaravathi river, Tamil Nadu - a special stress on remediation by managed aquifer recharge	DST-SERB-ECRA	Duraisamy,K., Dr. (F) Sri Shakthi Institution of Engineering & Technology Coimbatore - 641 062 Tamil Nadu	26.27	36
1988	Investigations on foraminiferal abundance in the late quaternary sediments of the Bay of Bengal and the Andaman sea for Paleo monsoon reconstruction	DST-SERB-ECRA	Sijinkumar,A.V., Dr. (M) Central University of Kerala Kasaragod - 671 123 Kerala	35.95	36
1989	Mobility, bioaccessibility and source apportionment study of toxic heavy metals in indoor and outdoor dust environment: An isotope fingerprinting approach	DST-SERB-ECRA	Bhattacharya,T., Dr. (F) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	41.91	36
1990	Numerical investigations on wave activities in the stratosphere	DST-SERB-ECRA	Guha,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	19.95	36

BROAD SUBJECT AREA : EARTH SCIENCES

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1991	Phyto-health an investigation of phytoplankton functional type, photoacclimation and grazing dynamics in the Chilika lagoon: A pigment chemotaxonomy approach	DST-SERB-ECRA	Acharyya,T., Dr. (M) Xavier University Puri - 752 050 Odisha	32.81	36
1992	Process identification of pre-monsoon season convective activity genesis and response of thermodynamics under a climate change scenario over eastern and northeastern India	DST-SERB-ECRA	Tyagi,B., Dr. (M) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	23.62	36
1993	Rapid assessment of soil arsenic, cadmium and lead pollution in peri- urban agricultural fields via portable x- ray fluorescence spectrometry and machine learning	DST-SERB-ECRA	Chakraborty,S., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	16.89	36
1994	Seasonal dynamics of microzooplankton and their trophic role in the pelagic food web of the northern coastal waters of Bay of Bengal	DST-SERB-ECRA	Purushothaman,J., Dr. (M) Zoological Survey of India Kolkata - 700 053 West Bengal	39.28	36
1995	Site characterization for seismic hazard analysis using microtremor measurements in Saurashtra region of western India	DST-SERB-ECRA	Singh,A.P., Dr. (M) Institute of Seismological Research Gandhinagar - 382 009 Gujarat	27.98	36
1996	Stability and transport properties of nanopesticides in the soil environment: Understanding the safety of applying nanotechnology to the agricultural sector	DST-SERB-ECRA	Darbha,G.K., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Nadia - 741 246 West Bengal	48.46	36
1997	Structure and seismic anisotropy pattern around the Kumaon-Garhwal region - A seismological study	DST-SERB-ECRA	Kumar,N., Dr. (M) Wadia Institute of Himalayan Geology Dehradun - 248 001 Uttarakhand	19.62	36
1998	Three dimensional attenuation tomography from strong ground motion data for Garhwal region, India	DST-SERB-ECRA	Kumar,P., Dr. (M) Wadia Institute of Himalayan Geology Dehradun - 248 001 Uttarakhand	19.62	36
1999	Assessment of land surface parameters role for weather pattern in western Himalaya region	DST-SERB-EMEQ	Kumar,D., Dr. (M) Central University of Jammu Department of Environmental Sciences Jammu - 181 143 Jammu & Kashmir	38.81	36
2000	Estimation of fugitive carbon dioxide emissions from Indian coal mining activities	DST-SERB-EMEQ	Kumar,J., Dr. (M) CSIR-Central Institute of Mining & Fuel Research Barwa Road Dhanbad - 826 015 Jharkhand	36.01	36
2001	Fluvial geomorphology of Ken (Karnavati) river, central India & the role of seasonal variation in the river borne sediment characteristics	DST-SERB-EMEQ	Prakash,K., Dr. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	27.26	36
2002	Groundwater uranium contamination in Barnala district & adjoining areas of south-west Punjab: Genesis & characterization of fundamental hydrogeological & hydrochemical processes that control uranium mobilization & transport in groundwater	DST-SERB-EMEQ	Das,D., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	36.30	36
2003	Identification of uranium concentration in groundwater & rock types; It's related health hazard in parts of Salem district in Central Tamil Nadu	DST-SERB-EMEQ	Muthamilselvan,A., Dr. (M) National Remote Sensing Centre Hyderabad - 500 037 Telangana	28.21	36

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2004	Interaction of soil-plant system for removal of heavy metals from the contaminated sites of Tirupati urban, Andhra Pradesh, India	DST-SERB-EMEQ	Raju,K., Dr. (M) Sri Venkateswara College of Engineering Tirupati - 517 507 Andhra Pradesh	26.16	36
2005	Magnetic & gravity studies to understand the crustal structure & tectonic evolution of the Sahyadri mountain ranges (in north Kerala-Nilgiri & southern Coorg segments) & adjoining areas of the south Indian high grade domain	DST-SERB-EMEQ	Ajayakumar,P., Dr. (M) Cochin University of Science & Technology Department of Marine Geology & Geophysics, School of Marine Sciences Kochi - 682 022 Kerala	30.56	36
2006	Spatio-temporal distribution & source apportionment of carbon (OC/EC/WSOC) & major ions in PM 2.5 aerosols in the Himalayan foot-hills of Jammu region (J&K, India)	DST-SERB-EMEQ	Kumar,R., Dr. (M) Jammu University Jammu - 180 006 Jammu & Kashmir	37.16	36
2007	Studies on atmospheric electrical parameters releated to climate change at Mysuru	DST-SERB-EMEQ	Chandrashekara,M.S., Dr. (M) Mysore University Mysore - 570 005 Karnataka	49.36	36
2008	Assessing the trace gas amounts & analysis of their pathways over Indian region using various remote & in situ data sources for deriving climate action plans	DST-WOS-A	Alex,A., Dr. (F) National Centre for Earth Sciences Studies Crustal Processes Group Trivandrum - 695 011 Kerala	31.11	36
2009	Assessment of bioaerosols from municipal solid waste & their impacts on human health in Hyderabad city	DST-WOS-A	Gullapalli,S.S.J., Dr. (F) CSIR-National Environmental Engineering Research Institute Zonal Centre, IICT Campus Hyderabad - 500 007 Telangana	32.95	36
2010	Atmospheric deposition of N,P & Fe affecting primary productivity in Sundarban, NE coast of India	DST-WOS-A	Majumder,N., Dr. (F) Calcutta University Department of Marine Science Kolkata - 700 019 West Bengal	31.09	36
2011	Biochemical & physiological response of phytoplankton to various environmental factors in the Kongsfjorden-Krossfjorden, an Arctic fjord system	DST-WOS-A	Bhaskar,J.T., Dr. (F) National Centre for Polar & Ocean Research Ocean Science Group, ESSO, Headland Sada Vasco-da-Gama - 403 802 Goa	27.75	36
2012	Characteristics of moisture transport over Indian region during summer monsoon	DST-WOS-A	Patil,C.C., Ms. (F) Savitribai Phule Pune University Department of Atmospheri Science & Space Science Pune - 411 007 Maharashtra	13.85	36
2013	Effect of mining generated atmospheric pollution on the survival of forest seedlings: A case study in Kendujhar, Odisha	DST-WOS-A	Pandey,R., Dr. (F) Banaras Hindu University Institute of Environment & Sustainable Development Varanasi - 754 001 Uttar Pradesh	30.95	6
2014	Efficiency of mussel shells in bioadsorption of heavy metals from polluted waters & subsequent production of corresponding alloys & its characterization studies	DST-WOS-A	Sreedevi,P.R., Dr. (F) Bharathiar University Department of Physics, Envoromental Control Plasma Lab Coimbatore - 641 046 Tamil Nadu	34.86	36
2015	Exploring chaotic behaviour of tropospheric ozone dynamics over Gangetic WB and North East India	DST-WOS-A	Chattopadhyay,G., Dr. (F) Calcutta University Department of Atmospheri Science Kolkata - 700 019 West Bengal	25.89	36

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2016	Facies analysis & petrographic studies of synorogenic neogene sequences in parts of Mizo hills, Northeast India	DST-WOS-A	Das,S., Ms. (F) Assam University Department of Earth Science Silchar - 788 011 Assam	23.12	36
2017	Impact assessment of aerosol radiative forcing over North-East India & its association with Indian summer monsoon	DST-WOS-A	Kalita,G., Dr. (F) Indian Institute of Tropical Meteorology Pune - 411 008 Maharashtra	24.19	36
2018	Influence of hydrological and hydrogeological factors on recharge estimation for designing sustainable	DST-WOS-A	Sreedevi,P.D., Dr. (F) Team Leader CSIR-National Geophysical Research Institute Indo-Franch Centre for Groundwater Research Hyderabad - 500 007 Telangana	29.96	36
2019	Micro plastics in freshwater systems of Chennai: A review of the emerging threats, identification of knowledge gaps & prioritisation of research needs	DST-WOS-A	Gopinath,K., Dr. (F) Anna University Institute of Ocean Management, College of Engineering Chennai - 600 110 Tamil Nadu	29.77	36
2020	Petrographic & geochemical fingerprinting of the mafic ultramafic rocks from the spontang ophiolite complex, Ladakh Himalayas, India	DST-WOS-A	Jonnalagadda,M., Dr. (F) Savitribai Phule Pune University Department of Geology Pune - 411 007 Maharashtra	29.65	36
2021	Potential impact of climate change on tropical root crops yield in the major growing areas of India	DST-WOS-A	Raji,P., Dr. (F) ICAR-Central Tuber Crops Research Institute Sreekariyam Trivandrum - 695 572 Kerala	27.58	36
2022	Regional groundwater flow modeling of a sedimentary aquifer in Tawi River basin of Jammu region: A case study to understand groundwater potential capture zone for agriculture water resource managemen	DST-WOS-A	Roy,S., Dr. (F) Indian Institute of Science Department of Civil Engineering Bengaluru - 560 012 Karnataka	32.76	36
2023	Sedimentation pattern in a paleoproterozoic continental rift basin, Aravalli Supergroup of Udaipur Valley, Rajasthan	DST-WOS-A	Mukherjee,A., Ms. (F) Techno India University Department of Earth Science Kolkata - 700 091 West Bengal	15.81	36
2024	Seismic imaging of crust/mantle structure across northern part of the eastern Dharwar craton & east coast continental margin: Possible geodynamic implications	DST-WOS-A	Koteswara,C., Dr. (F) CSIR-National Geophysical Research Institute Seismic Group, Gas Hydrate Building, Uppal Road Hyderabad - 500 076 Telangana	24.79	36
2025	Site characterization in Uttarakhand Himalayan region based on Spatial Autocorrelation method (SPAC)	DST-WOS-A	Parvin,S.S., Dr. (F) CSIR-National Geophysical Research Institute Hyderabad - 500 606 Telangana	17.25	36
2026	Study of anisotropy in weathering pattern of different rock types in Precambrian Metamorphics & its role in sustainable aquifer development model	DST-WOS-A	Mitra,M., Ms. (F) Hooghly Engineering & Technology College Department of Geology Hoogly - 712 101 West Bengal	18.69	36
2027	Study of land use/land cover pattern & a synergistic analysis of temperature and precipitation of the Indian subcontinent since 1975	DST-WOS-A	Antony,R.T., Ms. (F) Cochin University of Science & Technology Advanced Centre for Atmospheric Centre for Atmospheric Radar Research Kochi - 682 022 Kerala	18.26	36
2028	Study of multi ions plasma with ultra low frequency wave phenomena around earth's magnetosphere	DST-WOS-A	Varma,P., Dr. (F) Dr. Hari Singh Gour Central University Department of Physics & Electronics Sagar - 470 003 Madhya Pradesh	24.20	36

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2029	Trace & rare earth element study of carbonatite, a new identification from N Puruliya, West Bengal	DST-WOS-A	Mandal,A., Dr. (F) Calcutta University Department of Geology, 35, Ballygunge Circular Road Kolkata - 700 019 West Bengal	30.23	36
2030	Zircon U-Pb ages & Hf isotopic systematics of granitoids in the north eastern part of the eastern Dharwar craton: Constrains on Neoarchean orogeny & craton assembly	DST-WOS-A	Khadke,N.C., Ms. (F) CSIR-National Geophysical Research Institute Geochronology & Isotope Studies Group Hyderabad - 500 007 Telangana	19.63	36
2031	Impacts of land use changes on human-primate conflict in India	ISRO-RESPOND	Sindhu,R., Dr. (F) Professor National Institute of Advanced Studies IISc Campus Bengaluru - 560 012 Karnataka	22.19	24
2032	Influence of microphysical & boundary layer processes on stable isotopic ratios of monsoon rainfall	ISRO-RESPOND	Lekshmy,P.R., Dr. (F) Assistant Professor Cochin University of Science & Technology Kochi - 682 016 Kerala	23.17	24
2033	A case study on effect of coastal oil and chemical intrusion on compaction and consolidation behaviour of Mangalore soil and water	MOES-R&DEAS	Ramaraju,H.K., Dr. (M) Professor & HOD Dayananda Sagar College of Engineering Department of Civil Engineering, Shavige Malleswara Hills, K S Layout Bengaluru - 560 078 Karnataka	0.14	24
2034	Advanced research in hydrology & knowledge dissemination	MOES-R&DEAS	Mujumdar,P.P., Prof. (M) Indian Institute of Science Department of Civil Engineering Bengaluru - 560 012 Karnataka	468.07	60
2035	Application of advanced statistical signal processing Algorithms for earthquake precursors using GPS-TEC	MOES-R&DEAS	Ramesh,K.S., Dr. (M) K.L. University Koneru Lakshmaiah Education Foundation, Green fields Vaddeswarm Guntur - 522 502 Andhra Pradesh	5.00	12
2036	Cyanobacterial biodiversity studies in the regional mangroves	MOES-R&DEAS	Prasuna,R.G., Dr. (F) Professor & HOD GITAM University Department of Microbiology & Food Sciences & Technology Institute of Science Visakhapatnam - 530 045 Andhra Pradesh	0.39	36
2037	Development and characterization of efficient drilling fluid systems to explore huge natural gas hydrate resource in the offshore of India	MOES-R&DEAS	Mandal,A., Dr. (M) Professor & HOD Indian Institute of Technology (Dhanbad) Department of Petroleum Engineering Dhanbad - 826 004 Jharkhand	0.42	36
2038	Development of Remote Sensing based method for the rapid reconstruction of time series of formative water discharges of the Ganga & Bramaputra rivers in the Himalayan foreland	MOES-R&DEAS	Kumar,G., Dr. (M) Assistant Professor Indian Institute of Science Education & Research (Bhopal) Department of Earth & Environmental Sciences, Bhopal Bypass Road, Bhauri Bhopal - 462 066 Madhya Pradesh	38.27	24
2039	Dynamic slip of earthquakes with available data	MOES-R&DEAS	Somala,S.N., Dr. (M) Indian Institute of Technology (Hyderabad) Kandi Sangareddy - 502 285 Telangana	14.82	36
2040	Evaluation of liquefaction earthquake hazard of Kutch region	MOES-R&DEAS	Sachan,A., Dr. (F) Assistant Professor Indian Institute of Technology (Gandhinagar) Department of Civil Engineering Gandhinagar - 382 355 Gujarat	34.25	12

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2041	Exploring India's medieval coastline using geospatial analysis and historical records	MOES-R&DEAS	Rajani,M.B., Dr. (F) Assistant Professor National Institute of Advanced Studies School of Humanities, IIS Campus Bengaluru - 560 012 Karnataka	0.52	48
2042	Geo-archaeological investigations to assess the existence and reconstruction of an ancient port at Gopalapatitnam, Goa: Scientific and cultural aspects	MOES-R&DEAS	Sundaresh, Dr. (M) Principal Technical Officer CSIR-National Institute of Oceanography Marine Archaeology Centre Dona Paula - 403 004 Goa	10.52	24
2043	Geo-archaeological investigations to assess the existence and reconstruction of an ancient port at Gopalapatnam, Goa: Scientific and cultural aspects	MOES-R&DEAS	Nigam,R., Dr. (M) Rtd. Chief Scientist CSIR-National Institute of Oceanography Division of Geological Oceanography Dona Paula - 403 004 Goa	10.52	24
2044	Geo-archaeological investigations to assess the existence and reconstruction of an ancient port at Gopalapattinam, Goa: Scientific and cultural aspects	MOES-R&DEAS	Loveson,V.J., Dr. (M) Senior Principal Scientist CSIR-National Institute of Oceanography Division of Geological Oceanography Dona Paula - 403 004 Goa	10.52	24
2045	Groundwater security of Indus basin (Ladakh) in present & future climate & land use scenarios	MOES-R&DEAS	Jeelani,G.H., Prof. (M) Kashmir University Department of Earth Sciences, Hazratbal Srinagar - 190 006 Jammu & Kashmir	73.06	36
2046	Impact of LU/LC & catchment characteristics on runoff & groundwater dynamics of western ghats, Karnataka	MOES-R&DEAS	Purandara,B.K., Dr. (M) Scientist F National Institute of Hydrology Hard Rock Regional Center, Belagavi Belgaum - 590 019 Karnataka	90.42	36
2047	Improved description of the water cycle in the upper Ganga catchment using isotopic, geochemical data & model simulations	MOES-R&DEAS	Sen,I.S., Dr. (M) Assistant Professor Indian Institute of Technology (Kanpur) Department of Earth Sciences, Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	99.42	36
2048	Improvement in heavy rainfall prediction over eastern sector of India using high resolution mesoscale analysis & modelling system by NIT Rourkela, Odisha	MOES-R&DEAS	Osuri,K.K., Dr. (M) National Institute of Technology (Rourkela) Department of Earth & Atmospheric Sciencces, Sundergarh Rourkela - 769 008 Odisha	57.90	36
2049	Improvement in heavy rainfall prediction over eastern sector of India using high resolution mesoscale modeling system	MOES-R&DEAS	Osuri,K.K., Dr. (M) Assistant Professor National Institute of Technology (Rourkela) Department of Earth and Atmospheric Sciences, Sundargarh Rourkela - 769 008 Odisha	57.90	36
2050	Landslide hazard assessment in NE India along the Gangtok-Tsomgo/Changu Lake and Gangtok-Chungthang-Lachen corridor	MOES-R&DEAS	Gupta,V., Dr. (M) Wadia Institute of Himalayan Geology 33, GMS Road Dehradun - 248 001 Uttarakhand	70.48	48
2051	Landslide hazard assessment in NE India along the Gangtok-Tsomgo/Changu Lake and Gangtok-Chungthang-Lachen corridor	MOES-R&DEAS	Sengupta,A., Dr. (F) Principal Investigator Indian Institute of Technology (Kharagpur) Department of Civil Engineering Kharagpur - 721 302 West Bengal	70.48	48
2052	Landslide hazard assessment in NE India along the Gangtok-Tsomgo/Changu Lake and Gangtok-Chungthang-Lachen corridor	MOES-R&DEAS	Chakravarty,D., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Mining Engineering Kharagpur - 721 302 West Bengal	70.48	48
2053	Lightning impact on ozone precursor over Indian region & its implications on tropospheric ozone	MOES-R&DEAS	Payra,S., Dr. (F) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	34.64	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2054	Lightning impact ozone precursor over Indian region and its implications on tropospheric ozone	MOES-R&DEAS	Payra,S., Dr. (F) Birla Institute of Technology (Mesra) 27, Malviya Industrial area Jaipur - 302 017 Rajasthan	34.64	36
2055	MELTS and P-T pseudosection modeling approach to understand the petrogenesis and pre-Himalayan metamorphism of Wangtu in Gneissic complex and associated enclaves, Sutlej Valley	MOES-R&DEAS	Singh,S.P., Mr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Earth & Environmental Sciences, Bhouri Bhopal - 462 066 Madhya Pradesh	8.25	24
2056	MELTS and P-T pseudosection modeling approach to understand the petrogenesis and pre-Himalayan metamorphism of Wangtu in Gneissic complex and associated enclaves, Sutlej Valley	MOES-R&DEAS	Nasipuri,P., Dr. (M) Assistant Professor Indian Institute of Science Education & Research (Bhopal) Department of Earth and Environmental Sciences Bhopal - 462 066 Madhya Pradesh	8.25	24
2057	Monitoring Indoor Air Pollution (IAP) in Delhi university area and accessing its human health impacts	MOES-R&DEAS	Ghosh,C., Dr. (F) Associate Professor Delhi University Department of Environmental Studies Delhi - 110 007 Delhi	86.71	36
2058	Quantifying Impacts of South Asian Aerosols on Regional and Arctic Climate (QUISARC)	MOES-R&DEAS	Beig,G., Dr. (M) Scientist G Indian Institute of Tropical Meteorology Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	798.49	48
2059	Quantifying Impacts of South Asian Aerosols on Regional and Arctic Climate (QUISARC)	MOES-R&DEAS	Sahu,S.K., Dr. (M) Assistant Professor Utkal University P.G. Environmental Science Department of Botany, Vani Vihar Bhubaneswar - 751 004 Odisha	79.85	48
2060	Reclamation of wastewater for water reuse & water security through sustainable water resource mangeme	MOES-R&DEAS	Srivastava,R.K., Dr. (M) Professor G.B. Pant University of Agriculture & Technology Pantnagar - 263 145 Uttarakhand	32.97	36
2061	Reclamation of wastewater for water reuse and water security through sustainable water resource management	MOES-R&DEAS	Srivastava,R.K., Dr. (M) Professor G.B. Pant University of Agriculture & Technology Department of Environmental Sciences Pantnagar - 263 145 Uttarakhand	32.97	36
2062	Study of solute transport parameters through porous medium	MOES-R&DEAS	Swami,D., Dr. (M) Assistant Professor Indian Institute of Technology (Mandi) School of Engineering Mandi - 175 001 Himachal Pradesh	44.59	36
2063	Surface Geochemical prospecting for hydrocarbon exploration in parts of Cambay basin	MOES-R&DEAS	Hasan,S.,Z., Dr. (M) Gujarat Energy Research & Management Institute Petroleum Research Wing, Energy Building, PDPU Campus, Raisan Gandhinagar - 382 007 Gujarat	17.73	36
2064	Surface Geochemical prospecting for hydrocarbon exploration in parts of Cambay basin	MOES-R&DEAS	Singh,T.N., Dr. (M) Indian Institute of Technology (Bombay) Department of Earth Sciences, Powai Mumbai - 400 076 Maharashtra	17.73	36
2065	Tectono-thermal evolution of the Loht batholith along Dibang and Loht Valleys, India using fission track and (U-Th)/He Thermochronology	MOES-R&DEAS	Vikas, Dr. (M) Scientist B Wadia Institute of Himalayan Geology 33, GMS Road Dehradun - 248 001 Uttarakhand	90.24	60

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2066	The hydrologic footprint of major invasive alien species in the Upper Niligiris	MOES-R&DEAS	Bhalla,R.S., Dr. (M) Sr. Doctoral Fellow Foundation for Ecological Research, Advocacy & Learning 170/3, Morattandi, Post Auroville,Vanur Villupuram - 605 101 Tamil Nadu	42.90	18
2067	The hydrologic footprint of major invasive alien species in Upper Nilgiris	MOES-R&DEAS	Bhalla,R.S., Dr. (M) Senior Doctoral Fellow Foundation for Ecological Research, Advocacy & Learning 170/3 Morattandi, Auroville Post, Vanur Villupuram - 605 101 Tamil Nadu	42.90	18
2068	Farm level adaptation to climate change	UGC-MNRP	Pandi,S.J., Dr. (M) Assistant Professor Government Arts College Karur - 639 005 Tamil Nadu	1.60	24

Total Cost of 153 Projects Under: ***Earth Sciences*** 6,109.47

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2069	A low cost minimal footprint single phase solid state transformer for low-medium voltage applications	AICTE-RP	Rajini,V., Dr. (F) S.S.N. College of Engineering Rajiv Gandhi Salai (OMR), District Kanchipuram Kalavakkam - 603 110 Tamil Nadu	19.82	36
2070	A nobel method for unbalance response prediction & balancing of rotor systems	AICTE-RP	Chouksey,M., Mr. (M) Shri Govindram Seksaria Institute of Technology & Science 23, Park Road Indore - 452 003 Madhya Pradesh	5.41	36
2071	Addressing power system operational challenges with renewable energy resources using nature inspired optimization techniques	AICTE-RP	Pandit,M., Ms. (F) Madhav Institute of Technology & Science P.O. Residency, Gola Ka Mandir Gwalior - 474 005 Madhya Pradesh	12.35	36
2072	Akshay Urja: Utilization of wasted RF energy using graphene based antenna for rectenna system	AICTE-RP	Tripathi,C., Dr. (M) Kurukshetra University University Institute of Engineering & Technology (PG) Kurukshetra - 136 119 Haryana	8.24	36
2073	Analysis & development of design data for RF mems phase shifters for phased arrays	AICTE-RP	Kanthamani,S., Dr. (M) Thiagarajar College of Engineering Tiruparankundram Madurai - 625 015 Tamil Nadu	16.94	36
2074	Characterization of LM13 reinforced with TIB2 subjected to wet/dry abrasive wear for industrial/automotive applications	AICTE-RP	Srinivasamurth,Y.S.L., Mr. (M) M.S. Ramaiah Institute of Technology Vidya Soudha, M.S.R. Nagar, Post MSRIT Bengaluru - 560 054 Karnataka	11.59	36
2075	Composite materials for wind energy applications: Modeling & experimental verification	AICTE-RP	Kurkal,R., Dr. (M) Manipal Institute of Technology Udupi Manipal - 576 104 Karnataka	8.82	36
2076	Comprehensive experimental investigations on combustion, performance & emission characteristics of biodiesel/oxygen compounds/diesel fuel in a compression ignition engine	AICTE-RP	Belagur,V., Dr. (M) B.V.V. Sangha's Basaveshwar Engineering College Nualingappa Road Bagalkot - 587 102 Karnataka	10.72	36
2077	Controlling the position of robot ARM using image subtraction technique with minimum distance approach for pick & place operation	AICTE-RP	Reddy,V.C., Dr. (M) N.B.K.R. Institute of Science & Technology Vidya Nagar, Kota Mandal, SPSR Nellore - 524 413 Andhra Pradesh	12.35	36
2078	Design & development of CAD system to detect nodule in chest radiographs	AICTE-RP	Tirumala,S., Dr. (M) JNTUH College of Engineering Kukatpally, Rangareddy Hyderabad - 500 085 Telangana	10.59	36
2079	Design & development of GPS & GPRS based portable soil nutrients composition analyzer system with the soil database web portal	AICTE-RP	Lakha,B., Dr. (M) Centre for Development of Advanced Computing (C-DAC) A-34, Phase VIII, Industrial Area Mohali - 160 071 Punjab	21.88	36
2080	Design & development of low cost solar powered various precision agricultural systems	AICTE-RP	Thool,V., Dr. (M) Shri Guru Gobind Singhji Institute of Enginerring & Technology Vishnupuri Nanded - 431 606 Maharashtra	8.53	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2081	Design & development of low power oscillators using CMOS current conveyor	AICTE-RP	Sharma,A., Mr. (M) Institute of Engineering & Technology North Extension M.I.A. Alwar - 301 030 Rajasthan	21.18	36
2082	Design & development of mini hydraulic drive system for robotic applications	AICTE-RP	Muralidhara, Dr. (M) Nittee Mahalinga Aadyanthaya Memorial Institute of Technology Taluka Karkala Udupi - 574 110 Karnataka	10.18	36
2083	Design & development of mixed signal test bench to the researcher for nonlinearity testing of analog to digital converters under dynamic characteristic	AICTE-RP	Hariharan,K., Dr. (M) Thiagarajar College of Engineering Tiruparankundram Madurai - 625 015 Tamil Nadu	13.41	36
2084	Design & development of new generation RFID tags using Chip less technology	AICTE-RP	Mirdula,S., Dr. (F) Cochin University of Science & Technology Ernakulam Kochi - 682 022 Kerala	17.05	36
2085	Design & development of proton exchange membrane fuel cell with novel cathode flow field better water management & high performance	AICTE-RP	Narayanan,R.N., Dr. (M) Nandha Engineering College 28, Chennimalaipalayam Road, P.O. Pitchandampalayam Erode - 638 052 Tamil Nadu	24.71	36
2086	Design & fabrication of a spherical joint lab coupling	AICTE-RP	Bhaiswar,V., Dr. (M) G.H. Raisoni College of Engineering CRPF, Gate No. 3, Hingna Road, Digdoh Hill Nagpur - 440 016 Maharashtra	4.47	36
2087	Design & fabrication of an benchtop instrument ot measure the mechanical properties of polymers & biomaterials under Biaxial loading	AICTE-RP	Pillai,P., Dr. (M) Pillai's Institute of Information Technology, Engineering, Media Studies & Research Pillai College of Engineering, Dr. K.M. Vasudevan Pillais, Sector 16, New Panvel Navi Mumbai - 410 206 Maharashtra	11.54	36
2088	Design of novel functional food supplements from edible flowers using extraction & encapsulation technologies to be used in prevention of Type II Diabetes	AICTE-RP	Arya,S., Dr. (F) Institute of Chemical Technology Nathala Parekh Marg, Matunga Mumbai - 400 019 Maharashtra	7.08	36
2089	Design of water distribution network & water quality analysis by using various optimization techniques under deficit conditions	AICTE-RP	Wayal,A., Mr. (M) Veermata Jijabai Technological Institute H.R. Mahajani Marg, Matunga Mumbai - 400 019 Maharashtra	15.88	36
2090	Detection, classification & location of faults in transmission line embedded with shunt compensated facts devices by application of advanced signal processing techniques	AICTE-RP	Tripathy,L., Dr. (M) Indira Gandhi Institute of Technology At/PO: IGIT Sarang Dhenkanal - 759 146 Odisha	25.00	36
2091	Development & implementation of simplified intelligent controller for a regulated autonomous hybrid PV array excited wind driven induction generator system with an unbalanced & non linear load	AICTE-RP	Sundaram,L.P., Mr. (M) Saranathan College of Engineering Venkateswara Nagar, Edamalaipatti Pudur Post, Panjappur Villege, Taluk Srirangam Tiruchirappalli - 620 012 Tamil Nadu	5.20	36
2092	Development of a tool to predict mechanical properties of steel by exploring data science techniques	AICTE-RP	Nandella,S., Dr. (F) V.N.R. Vignana Jyothi Institute of Engineering & Technology Vignana Jyothi Nagar, S.O. Nizampet Hyderabad - 500 090 Telangana	4.27	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2093	Development of biodegradable, eco-friendly, carbon quantum dots covered nanofluid insulation for power transformers	AICTE-RP	Chandrasekar,S., Dr. (M) Sona College of Engineering Sona Nagar, Thiagarajar, P.O. Suramangalam Salem - 636 005 Tamil Nadu	19.41	36
2094	Development of early warning system for landslide prediction	AICTE-RP	Duggirala,S.R., Dr. (M) JNTUH College of Engineering Kukatpally, Rangareddi Hyderabad - 500 085 Telangana	24.71	36
2095	Development of efficient architecture for noise removal in real time medical images	AICTE-RP	Mylswamy,J., Dr. (F) Sri Ramakrishna Engineering College Vattamalaipalayam, Post N.G.G.O. Colony Coimbatore - 641 022 Tamil Nadu	14.18	36
2096	Development of experimental facility for investigation on strength & deformation of various structural elements constructed from conventional & hybrid fiber reinforced concrete	AICTE-RP	Halkude,S., Dr. (M) Walchand Institute of Technology Seth Walchand Hirachand Marg, Post Box No. 634, Ashok Chowk Solapur - 413 006 Maharashtra	23.53	36
2097	Development of hybrid Algorithms to solve the unit commitment problem in smart grid network using soft computing techniques	AICTE-RP	Gnanakkan,C.A.R.C., Dr. (M) Pondicherry Engineering College Pillaichavadi Puducherry - 605 014 Puducherry	11.76	36
2098	Development of improved bi-directional DC-DC converter for renewal generation	AICTE-RP	Dubey,S., Mr. (M) Rungta College of Engineering & Technology Rungta Educational Campus, Kohka Road, Kurud Bhilai - 490 024 Chhattisgarh	17.27	36
2099	Development of innovative dual axis axial flux permanent magnet generator with vertical axis wind turbine & solar PV system for self-reliant telecom towers at remote locations	AICTE-RP	Ramasamy,B.K., Dr. (M) Bannari Amman Institute of Technology Sathy-Bhavani State Highway, Post Alathukombai, Distrcit Erode Sathyamangalam - 638 401 Tamil Nadu	12.24	36
2100	Development of low power & high speed FPGA based IP core mini ACE architecture compatible to Data Device Corporation (DDC)	AICTE-RP	Challa,D., Mr. (M) V.N.R. Vignana Jyothi Institute of Engineering & Technology Vignana Jyothi Nagar,S.O. Nizampet Hyderabad - 500 090 Telangana	14.35	36
2101	Development of multifunctional electrospun nanofibrous .. Composites for protective clothing	AICTE-RP	Rao,N.M.N., Dr. (M) R.V. College of Engineering Post R.V. Vidyaniketan Bengaluru - 560 059 Karnataka	3.53	36
2102	Development of natural fiber based oil adsorbent for commercial & industrial applications	AICTE-RP	Krupashankar, Dr. (M) R.V. College of Engineering R.V. Vidyaniketan Post, Mysore Road Bengaluru - 560 059 Karnataka	7.65	36
2103	Development of parallel processing embedded hardware for super-resolution of diffusion weighted & spectroscopic magnetic resonance images	AICTE-RP	Deka,B., Dr. (M) Tezpur University Napaam, Sonitpur Tezpur - 784 028 Assam	16.47	36
2104	Development of surface passivated quantum dot sensitized frontier technology based semiconducting photo electrode for H2 generation by artificial photosynthesis	AICTE-RP	Mahata,S., Dr. (F) National Institute of Science & Technology Palur Hills Berhampur - 761 008 Odisha	10.59	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2105	Development of wireless network control system with internet of things for monitoring & control of waste water using PH process	AICTE-RP	Karuppanan,S., Dr. (M) Sri Ramakrishna Engineering College Vattamalaipalayam, Post N.G.G.O. Colony Coimbatore - 641 022 Tamil Nadu	8.24	36
2106	Early detection & analysis of Brain Tumor & Alzheimer's diseases	AICTE-RP	Gottumukala,P., Dr. (F) Sagi Ramakrishnam Raju Engineering College Chinnaamiram, Bhimavaram Godavari - 534 204 Andhra Pradesh	19.65	36
2107	Experimental investigation of performance of novel multi stage hybrid air conditioning system for automobiles	AICTE-RP	Bindu,R., Dr. (F) Padmashree Dr. D.Y. Patil Institute of Engineering & Technology Sant Tukaram Nagar, Pimpri Pune - 411 018 Maharashtra	7.49	36
2108	IATS (Interactive Adaptive Transport System)	AICTE-RP	Subramaniam,M., Dr. (M) Panimalaar Engineering College Bangalore Trunk Road, Nazarathpet, Varadharajapuram, Poonamallee Thiruvallur - 600 123 Tamil Nadu	9.54	36
2109	Identification of biomarker for fetus growth using ultrasound images	AICTE-RP	Ganasigamony,W.J.J., Dr. (M) Dr. Sivanthi Aditanar College of Engineering Tirunelveli Road, Tiruchendur Thoothukkudi - 628 215 Tamil Nadu	1.18	36
2110	Images enhancement techniques on remotely sensed satellite data using Mamdani & Sugeno fuzzy inference system	AICTE-RP	Veenadevi,S.V., Dr. (F) Nittee Mahalinga Aadyanthaya Memorial Institute of Technology Taluka Karkala Udupi - 574 110 Karnataka	4.35	36
2111	Incremental fuzzy rough set features selection based clinical diagnosis classifier assistant system	AICTE-RP	Palivella,S.V.S., Dr. (M) Hyderabad University Ranga Reddy - 500 046 Telangana	2.64	36
2112	Insilico design of multifunctional spintronic device	AICTE-RP	Sen,S., Dr. (M) J.I.S. College of Engineering Block A, Phase-III, Kalyani Nadia - 741 235 West Bengal	17.65	36
2113	Internet Of Things (IOT) enabled elephant intrusion warning system using low power wireless personal area networks (6lowpan) netowrk with Constrained Application Protocol (COAP) for Krishnagiri District in Tamil Nadu	AICTE-RP	Thangavelu,M., Dr. (F) Adhiyamaan College of Engineering AERI Campus, Dr.M.G.R. Nagar, Hosur Krishnagiri - 635 109 Tamil Nadu	9.76	36
2114	Investigation on deep hole drilling of AISI 1045 steel & analysis of tool wear under varying aspect ratios with different cutting fluids	AICTE-RP	Natesan,A., Mr. (M) St. Joseph College of Engineering Jeppiaar Nagar, Old Mammallapuram Road Chennai - 600 119 Tamil Nadu	14.12	36
2115	Investigation on emission control in direct injection LHR diesel engine attached with electronically controlled EGR operated on oxygenated fuel blends dopped with nano particales	AICTE-RP	Arthanarisamy,M., Dr. (M) K.S. Rangasamy College of Technology K.S.R. Kalvi Nagar, Thokkavadi, Tiruchengode Namakkal - 637 215 Tamil Nadu	12.12	36
2116	Investigation on lateral migration of spherical particles in hydrophobic microchannels	AICTE-RP	Kumar,R.S., Dr. (M) College of Engineering Thiruvananthapuram - 695 016 Kerala	25.00	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2117	Investigation on resilience techniques for future transport networks	AICTE-RP	Singhal,P., Dr. (F) Deenbandhu Chhotu Ram University of Science & Technology 50th K.M. Stone, NH-1, Murthal Sonepat - 131 039 Haryana	13.53	36
2118	Investigation on transition metal doped magnesium nanomaterials for hydrogen stoarge applications	AICTE-RP	Nehra,S., Mr. (M) Deenbandhu Chhotu Ram University of Science & Technology Murthal Sonepat - 131 039 Haryana	7.06	36
2119	Investigation on transition metal doped magnesium nanomaterials for hydrogen stoarge applications	AICTE-RP	Chaudhary,S., Dr. (M) Deenbandhu Chhotu Ram University of Science & Technology Murthal Sonepat - 131 039 Haryana	7.06	36
2120	Investigations into development of graphene paper & its mechanical characterization	AICTE-RP	Pardeshi,S.S., Mr. (M) College of Engineering Wellesly Road, Shiva Nagar Pune - 411 005 Maharashtra	17.65	36
2121	Microwave assisted sol-gel synthesis & characterization of metal oxide thin films	AICTE-RP	Munishamaiah,K., Dr. (M) R.V. College of Engineering Post R.V. Vidyaniketan, Mysore Road Bengaluru - 560 059 Karnataka	11.18	36
2122	Modeling & simulation of High Electron Mobility Transistor (HEMTs) for high frequency CMOS applications	AICTE-RP	Balamurugan,N.B., Dr. (M) Thiagarajar College of Engineering Tiruparankundram Madurai - 625 015 Tamil Nadu	16.00	36
2123	Multi-purpose compact solar fruit dryer	AICTE-RP	Prasad,G.M.S., Dr. (M) New Horizon College of Engineering & Technology Ring Road, Post Bellandur, Kadubhisanahalli Bengaluru - 560 103 Karnataka	13.47	36
2124	Novel strategies for joining hybrid structures by ultrasonic welding technique	AICTE-RP	Selvarajan,R., Dr. (M) Annamalai University Faculty of Engineering & Technology, Cudalore Annamalainagar - 608 002 Tamil Nadu	17.06	36
2125	Optimizing data rate & energy efficiency of BLE mesh network in health monitoring systems	AICTE-RP	Soundararajan,J., Dr. (M) Sri Ramakrishna Engineering College Vattamalaipalayam, Post N.G.G.O. Colony Coimbatore - 641 022 Tamil Nadu	9.64	36
2126	Performance enhancement investigation of shell & tube heat exchanger for thermal energy storage applications	AICTE-RP	Arasu,V.A., Mr. (M) Thiagarajar College of Engineering Tiuparankundram Madurai - 625 015 Tamil Nadu	18.06	36
2127	Preparation of fire retardant functionalized graphite reinforced polymer nanocomposites for packaging applications	AICTE-RP	Swain,S., Mr. (M) Veer Surendra Sai University of Technology Burla Sambalpur - 768 018 Odisha	14.71	36
2128	Production of biodiesel from fish oil on extracting Omega - 3 fattyy acid from fish oil	AICTE-RP	Manjappa,S., Dr. (M) Sahyadri College of Engineering & Management Sahyadri Campus, NH-48, Adyar Mangalore - 575 007 Karnataka	13.24	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2129	Resource management in internet of things	AICTE-RP	Sutagundar,A., Dr. (M) B.V.V. Sangha's Basaveshwar Engineering College Nijalingappa Road Bagalkot - 587 102 Karnataka	5.76	36
2130	Smart transportation system	AICTE-RP	Miraclin,J.C., Dr. (M) Government College of Technology Thadagam Road Coimbatore - 641 013 Tamil Nadu	6.47	36
2131	Some studies on the design issues to improve on efficiency in plasmonic based solar cell	AICTE-RP	Panda,S., Mr. (M) Narula Institute of Technology 81, Nilgunj Road, Agarpara, North 24 Parganas Kolkata - 700 109 West Bengal	14.94	36
2132	Structural integrity assessment using indigenous photonic system	AICTE-RP	Tatavarti,V., Dr. (M) Gayatri Vidya Parishad College of Engineering Madhurawada Visakhapatnam - 530 048 Andhra Pradesh	23.53	36
2133	Study & development of indium-free transparent thin films & its applicability to nanostructured based electrochromic device	AICTE-RP	Shik,H., Dr. (M) Nitte Meenakshi Institute of Technology Gollahalli, Govindapura, P.B.No 6429, Yelahanka Bengaluru - 560 064 Karnataka	19.06	36
2134	Study & implementation of self-organized femtocells for broadband services to indoor users in heterogeneous environment	AICTE-RP	Yedukondalu,K., Dr. (M) C.V.R. College of Engineering Vastunagar, Mangalpalli (V), Ibrahimpatan Ranga Reddy - 501 510 Telangana	24.24	36
2135	Study of dynamic behavior of defrosting on superhydrophobic surface	AICTE-RP	Senthilkumar,D., Dr. (M) Sona College of Technology Sona Nagar, Thiagarajar Polytechnic College Road, P.O. Suramangalam Salem - 636 005 Tamil Nadu	9.41	36
2136	Study of enahnced micro channel heat sink heaving leaf venation pattern for electronic cooling	AICTE-RP	Acharya,A., Mr. (M) Government College of Engineering Vidyanagar, Karad Satara - 415 124 Maharashtra	16.06	36
2137	Study of mechanical properties & surface features of steels quenched in CNT nanofluids	AICTE-RP	Kaliyamoorthy,B., Mr. (M) S.S.N. College of Engineering Rajiv Gandhi Salai (OMR), District Kanchipuram Kalavakkam - 603 110 Tamil Nadu	9.41	36
2138	Study on the influence of cryogenic treatment of aluminum alloys & its composites during solidification & after solidification in material property modification suitable for aerospace applications	AICTE-RP	Arani,R., Dr. (M) Sri Sai Ram Engineering College Sai Leo Nagar, Poonthandalam Village, Dharkast Post, West Tambaram Chennai - 600 044 Tamil Nadu	12.94	36
2139	Study the effect of friction on formability of EDD at elevated temperature	AICTE-RP	Singh,S., Dr. (M) Gokaraju Rangaraju Institute of Engineering & Technology Bachupally, Kukatpally, Rangareddy Hyderabad - 500 090 Telangana	20.97	36
2140	Surface modification of light metal substrates through laser texturing & surface coating for enahnced service life	AICTE-RP	Ananth,P.M., Mr. (M) Sri Venkateswara College of Engineering Post Bag No. 3, Pennalur Sriperumbudur - 602 105 Tamil Nadu	17.94	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2141	Synthesis & characterization of nano thermal barrier coatings TBCs	AICTE-RP	Keshavamurthy,R., Dr. (M) Dayananda Sagar College of Engineering Shavige Malleshwara Hills, Kumaraswamy Layout Bengaluru - 560 078 Karnataka	10.59	36
2142	Time-varying performance evaluation of boundary mould elements (Feed-Aids) for effective application of CAD& simulation technologies in Indian foundries	AICTE-RP	Sutaria,M., Mr. (M) Chandubhai S. Patel Institue of Technology Education Campus, AT & PO; Changa, TA: Petland Anand - 388 421 Gujarat	15.88	36
2143	To design & develop a compact mechanism for onsite recycling of domestic waste water & recharging of underground water table	AICTE-RP	Agrawal,M., Dr. (F) Rungta College of Engineering & Technology Rungta Educational Campus, Kohka Road, Kurud Bhilai - 490 024 Chhattisgarh	15.11	36
2144	To establish new technology in recycled concrete waste, enterpreneurship & to create research ambience for masters & doctoral students of civl engineering for projects based on characterization of concrete demolition waste, its recycling for	AICTE-RP	Kulkarni,M., Dr. (F) Maharashtra Institute of Technology Survey No 124, Paud Road, Kothrud Pune - 411 038 Maharashtra	13.12	36
2145	Tribiological & mechanical property evaluation of natural glass fiber reinforced composites	AICTE-RP	Gowda,Y.B., Mr. (M) Malnad College of Engineering P.B. No. 21, Salagame Road Hassan - 573 202 Karnataka	8.82	36
2146	Vibration & noise analysis of parallel shaft gear drive systems	AICTE-RP	Lingaiah,S.C., Mr. (M) P.E.S. College of Engineering Mandya - 571 401 Karnataka	5.00	36
2147	Vibration & noise analysis of parallel shaft gear drive systems	AICTE-RP	Prasad,S.L.A., Dr. (M) P.E.S. College of Engineering Mandya - 571 401 Karnataka	5.00	36
2148	Web based speech synthesis mobile app for visually impaired people	AICTE-RP	Sayal,R., Dr. (M) Guru Nanak Institutions Technical Campus Manchal Mandal, Khanpur Village, Ibrahimpantnam Ranga Reddy - 501 506 Telangana	6.35	36
2149	A novel membrane assisted bioprocess for heavy metal removal and recovery as nano powders from acid mine drainage	CSIR-GS	Pakshirajan,K., Prof. (M) Indian Institute of Technology (Guwahati) Department of Bioscience & Bioengineering Guwahati - 781 039 Assam	22.46	36
2150	An experimental and numerical assessment of Indian crushable sands under cyclic loading	CSIR-GS	Das,A., Dr. (M) Indian Institute of Technology (Kanpur) Department of Civil Engineering, Kanpur agar Kanpur - 208 016 Uttar Pradesh	18.96	36
2151	Analysis of virus transport through subsurface media	CSIR-GS	Ratha,D., Dr. (M) Thapar University Department of Civil Engineering Patiala - 147 004 Punjab	23.46	36
2152	CO2 adsorption in a multistage fluidized bed reactor by modified activated carbon	CSIR-GS	Meikap,B.C., Prof. (M) Indian Institute of Technology (Kharagpur) Department of Chemical Engineering Kharagpur - 721 302 West Bengal	14.50	36
2153	Conversion of lignin to aromatic based chemicals using supported metal catalysts	CSIR-GS	Shee,D., Dr. (M) Indian Institute of Technology (Hyderabad) Department of Chemical Engineering Sangareddy - 502 285 Telangana	26.46	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2154	Dental nanocomposite resins based on hybrid dimethacrylates: Mechanical, wear and shrinkage characteristics	CSIR-GS	Sailaja,R.R.N., Dr. (F) TERI University Bengaluru - 560 071 Karnataka	27.46	36
2155	Designing of fabric wet abrasion tester	CSIR-GS	Mukhopadhyay,A., Dr. (M) Dr. B.R. Ambedkar National Institute of Technology (Jalandhar) Department of Textile Technology Jalandhar - 144 011 Punjab	26.71	36
2156	Detection of human brain disorders using novel machine learning approaches	CSIR-GS	Tanveer,M., Dr. (M) Indian Institute of Technology (Indore) Discipline of Mathematics Indore - 453 552 Madhya Pradesh	20.46	36
2157	Development and realization of accurate temperature-dependent equivalent circuit models for Multi Layer Graphene Nano Ribbon (MLGNR) based VLSI interconnects at deep submicron technology nodes	CSIR-GS	Rai,M.K., Dr. (M) Thapar University Department of Elevtronics Communication Engineering Patiala - 147 004 Punjab	29.46	36
2158	Development of a digital forensic system for blind source camera identification of contentious images using machine learning	CSIR-GS	Naskar,R., Dr. (F) National Institute of Technology (Rourkela) Department of Computer Science & Engineering Rourkela - 769 008 Odisha	5.49	36
2159	Development of an efficient scalable clustering Algorithm for big data and investigation of integrated system for protein sequence classification	CSIR-GS	Tiwari,A., Dr. (F) Indian Institute of Technology (Indore) School of Engineering Indore - 452 020 Madhya Pradesh	25.96	36
2160	Development of durable self-cleaning surfaces	CSIR-GS	Grewal,H.S., Dr. (M) Shiv Nadar University Department of Mechical Engineering, Gautam Buddha Nagar Greater Noida - 201 314 Uttar Pradesh	27.46	36
2161	Development of novel methodologies for secured, trusted & optimized reusable Intellectual Property (IP) cores for multi floating point on unit chip design (IP) cores for multi floating point unit on chip design	CSIR-GS	Sengupta,A., Dr. (M) Indian Institute of Technology (Indore) School of Engineering Indore - 435 552 Madhya Pradesh	26.69	36
2162	Development of organometallic nanocomposites and scientific investigation on their functionalization towards improved adsorptive removal of toxic dyes for application in industrial wastewater treatment	CSIR-GS	Saha,B., Dr. (M) National Institute of Technology (Agartala) Department of Physics Agartala - 799 046 Tripura	16.50	36
2163	Development of quick and inexpensive instrument for assessment of adulteration in milk	CSIR-GS	Sadat,A., Dr. (M) Aligarh Muslim University Department of Electrical Engineering Aligarh - 202 002 Uttar Pradesh	22.46	36
2164	Development of water-borne hyperbranched polyesters and polyurethanes from bio-based resources and their nanocomposites	CSIR-GS	Karak,N., Prof. (M) Tezpur University Department of Chemical Science Tezpur - 784 028 Assam	25.96	36
2165	Development of wireless system using machine learning technique for epileptic seizure detection & patient monitoring	CSIR-GS	Ramakrishnan,S., Dr. (M) Dr. Mahalingam College of Engineering & Technology Department of Information Technology Pollachi - 642 003 Tamil Nadu	12.28	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2166	Dynamic properties of confined masonry buildings through ambient and forced vibration testing	CSIR-GS	Basu,D., Dr. (M) Indian Institute of Technology (Gandhinagar) Department of Civil Engineering Ahmedabad - 382 424 Gujarat	19.81	36
2167	Efficent waveguide feed to the dielectric resonator antenna	CSIR-GS	Ghosh,B., Prof. (M) Indian Institute of Technology (Kharagpur) Department of Electronics Communication Engineering Kharagpur - 721 302 West Bengal	23.46	36
2168	Enhancing shelf life of liquid foods by ultrasound assisted high pressure carbon dioxide treatment	CSIR-GS	Dalvi,S.V., Dr. (M) Indian Institute of Technology (Gandhinagar) Department of Chemical Engineering Gandhinagar - 382 355 Gujarat	28.96	36
2169	Fabrication of Zno/MgZno based ultraviolet photodetector	CSIR-GS	Mukherjee,S., Dr. (M) Indian Institute of Technology (Indore) Department of Electrical Engineering, Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	6.00	36
2170	Flow field and erosion wear analysis of casing of a centrifugal slurry pump	CSIR-GS	Gandhi,B.K., Dr. (M) Indian Institute of Technology (Roorkee) Department of Mechenical & Industrial Engineering Roorkee - 247 667 Uttarakhand	20.96	36
2171	Hetero-junction tunnel fets: Characterization, modelling, and simulation of electrical parameters	CSIR-GS	Baishya,S., Dr. (M) National Institute of Technology (Silchar) Department of Electronics Communication Engineering Silchar - 788 010 Assam	9.94	36
2172	Investigation of load transfer mechanism geothermal energy pile groups in sand	CSIR-GS	Chakraborty,T., Dr. (M) Indian Institute of Technology (Delhi) Department of Civil Engineering, Hauz Khas New Delhi - 110 016 Delhi	15.06	36
2173	Investigation of load transfer mechanism of geothermal energy pile groups in sand	CSIR-GS	Saggu,R., Dr. (F) Amity University Department of Civil Engineering Noida - 201 313 Uttar Pradesh	2.40	36
2174	Investigation on MRAS based direct torque controlled PMSM drive for EV application	CSIR-GS	Bhattacharya,A., Dr. (M) Indian Institute of Technology (Roorkee) Department of Electrical Engineering Roorkee - 247 667 Uttarakhand	9.50	36
2175	Low cost vibration screening technique for machine excitation in the built up area using bamboos	CSIR-GS	Ghosh,P., Dr. (F) Indian Institute of Technology (Kanpur) Department of Civil Engineering Kanpur - 208 016 Uttar Pradesh	27.46	36
2176	Modeling and simulation of the gate electrode engineered and dielectric pocket steep sub-threshold swing device for low power digital circuit design and optical applications	CSIR-GS	Gupta,M., Prof. (F) Delhi University New Delhi - 110 021 Delhi	25.96	36
2177	Moisture uptake kinetics and its subsequent effect on mechanical performance of nano-phased fibrous polymeric composites	CSIR-GS	Prusty,R.K., Prof. (M) National Institute of Technology (Rourkela) Department of M.M.Engineering Rourkela - 769 008 Odisha	5.50	36
2178	Multiobjective evolutionary approach for solving water distribution network design optimization	CSIR-GS	Vasan,A., Prof. (M) Birla Institute of Technology & Science (Pilani) Department of Civil Engineering Hyderabad - 500 078 Telangana	18.46	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2179	Optimization of three-fluid heat exchanger performance-a numerical & experimental investigation	CSIR-GS	Mishra,M., Dr. (M) Indian Institute of Technology (Roorkee) Department of Mechanical & Industrial Engineering Roorkee - 247 667 Uttarakhand	21.96	36
2180	Oxidation and corrosion property improvement by pulsed electro-codeposited composite coating	CSIR-GS	Basu,A., Dr. (M) National Institute of Technology (Rourkela) Department oof Metal & Matarial Engineering Rourkela - 769 008 Odisha	13.00	36
2181	Pervaporative desulphurization of gasoline by using novel polymer membranes	CSIR-GS	Ray,S.K., Prof. (M) Calcutta University Department of Polymer Science & Technology Kolkata - 700 009 West Bengal	24.46	36
2182	Polylactide polypropylene blends:Preparation,characterization, degradabillity and eco-toxicity studies	CSIR-GS	Bhunia,H., Dr. (M) Thapar University Department of Chemical Engineering Patiala - 147 004 Punjab	24.96	36
2183	Rapid and precise detection of grid voltage amplitude and phase for low-voltage ride-through capability in pv systems	CSIR-GS	Chandrasekaran,S., Dr. (M) National Institute of Technology (Hamirpur) Department of Electrical Engineering Hamirpur - 177 005 Himachal Pradesh	24.71	36
2184	Smart disaster management using Internet of Things(IoT) in Indian perspective	CSIR-GS	Sood,S.K., Prof. (M) Guru Nanak Dev University Department of Computer Science & Engineering Amritsar - 143 521 Punjab	19.46	36
2185	Structural optimization using power flow concept	CSIR-GS	Krishnapillai,S., Prof. (M) Indian Institute of Technology (Madras) Department of Mechnical Engineering Chennai - 600 036 Tamil Nadu	16.96	36
2186	Studies for development of energy efficient heavy load sustaining ball bearings using textured surfaces and adaptive lubrication surfaces and adaptive lubrication	CSIR-GS	Sharma,S., Dr. (M) Gautam Buddha University Department of Mechanical Engineering Greater Noida - 201 308 Uttar Pradesh	25.46	36
2187	Study of biodiesel production in mini channel reactor-experimentation and numerical analysis	CSIR-GS	Ghosh,S., Dr. (F) Indian Institute of Technology (Roorkee) Department of Chemical Engineering Roorkee - 247 667 Uttarakhand	21.46	36
2188	Study of raceway under moving bed in presence of gas and fines flow	CSIR-GS	Gupta,G.S., Dr. (M) Indian Institute of Science Department of Materials Enggineering Bengaluru - 560 012 Karnataka	12.50	36
2189	Synthesis of graphene based bio-adsorbent for waste stream treatment	CSIR-GS	Some,S., Dr. (M) Institute of Chemical Technology Department of Dyestuff Technology Mumbai - 400 019 Maharashtra	22.96	36
2190	Technology development for making paver blocks using bagasse ash and waste plastic (HDPE) as partial replacement of cement and fine aggregate in concrete for sustainable environment	CSIR-GS	Maragatham,S., Dr. (F) Acharya Institute of Health Sciences Department of Civil Enggineer Coimbatore - 641 108 Tamil Nadu	11.00	36
2191	Ultrafast and single molecule spectroscopy study of polymers, organometallic compounds and bio-macromolecular assemblies	CSIR-GS	Ghosh,S., Dr. (M) National Institute of Science Education & Research School of Chemical Sciences Bhubaneswar - 752 050 Odisha	18.06	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2192	Wearable System for ambulatory healthcare monitoring	CSIR-GS	Kher,R.K., Dr. (M) G.H, Patel College of Engineering & Technology Vallabh Vidyanagar - 388 120 Gujarat	10.35	36
2193	WSN based disaster and environmental monitoring system for safety of miners working in underground coal mines	CSIR-GS	Kumar,C., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Computer Science & Engineering Dhanbad - 826 004 Jharkhand	15.46	36
2194	Design & stability of pillars/arrays of pillars for different mining methods in coal	DOC-S&T	Singh,S.K., Dr. (M) Scientist G CSIR-Central Institute of Mining & Fuel Research Barwa Road Dhanbad - 826 015 Jharkhand	562.28	24
2195	Design of water netowrk to opti,ize water consumption in coal washneries for removal of impurities from coal	DOC-S&T	Khanam,S., Dr. (F) Associate Professor Indian Institute of Technology (Roorkee) Department of Chemical Engineering Roorkee - 247 667 Uttarakhand	24.94	15
2196	Electronification of ground water control & conveyor systems in mines	DOC-S&T	Ambalavanan,M.P., Mr. (M) ADMG, Mech. Centre for Applied Research & Development NLC India Limited, Cuddalore Neyveli - 607 807 Tamil Nadu	181.27	18
2197	Hybrid PRESRIX process for simultaneous remediation of acid mine drainage ..	DOC-S&T	Sarkar,S., Dr. (M) Assistant Professor Indian Institute of Technology (Roorkee) Department of Civil Engineering Rishikesh - 247 667 Uttarakhand	74.45	18
2198	Indigenous development of early warming radar system for predicting failures/slope instabilities in open case mines	DOC-S&T	Prasadh,S.S., Mr. (F) Scientist F Society for Applied Microwave Electronics Engineering & Research Powai Mumbai - 400 076 Maharashtra	585.58	36
2199	Reclamation of coal mined land of north eastern coalfields, Assam through soil amendment & revegetation with native	DOC-S&T	Dutta,D., Dr. (M) Scientist C Indian Council of Forestry Research & Education Rain Forest Research Institute, Post Box No. 136 Jorhat - 785 001 Assam	83.18	36
2200	Cracking of waste plastic into aviation fuels by green catalysts	DRDO-AR&DB	Manikandan,H., Dr. (M) Assistant Professor Annamalai University Department of Chemistry, Cuddalore Annamalainagar - 608 002 Tamil Nadu	6.74	12
2201	Design & development of visual odometry system	DRDO-AR&DB	Poddar,S., Dr. (M) Scientist CSIR-Central Scientific Instruments Organization Chandigarh - 160 030 Chandigarh	39.90	30
2202	Development of a finite deformation crystal plasticity model for creep - fatigue deformation in superalloys	DRDO-AR&DB	Guruprasad,P.J., Dr. (M) Assistant Professor Indian Institute of Technology (Bombay) Department of Aerospace Engineering, Powai Mumbai - 400 076 Maharashtra	23.10	36
2203	Development of robust & accurate techniques for measurement of damage induced ultrasonic onlinearity in solids	DRDO-AR&DB	Kulkarni,S.S., Mr. (M) Associate Professor Indian Institute of Technology (Bombay) Department of Mechanical Engineering, Powai Mumbai - 400 076 Maharashtra	29.68	36
2204	Development of sol-gel & polymer based pressure senstitive paints for low speed flow application	DRDO-AR&DB	Lakshmi,R.V., Mrs. (F) Scientist CSIR-National Aerospace Laboratories Bengaluru - 560 017 Karnataka	40.28	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2205	Experimental & numerical investigation on buckling & vibration behavior of non-uniformly heated laminated polymer nano composite plates	DRDO-AR&DB	Jeyaraj,P., Dr. (M) Assistant Professor National Institute of Technology (Karnataka) Department of Mechanical Engineering, Surathkal Mangalore - 575 025 Karnataka	15.67	24
2206	Experimental investigation on the heat transfer enhancement of hybrid nano-fluids in a plate heat exchanger	DRDO-AR&DB	Ghosh,S.K., Dr. (M) Associate Professor Indian Institute of Technology (Dhanbad) Department of Mechanical Engineering, Indian School of Mines Dhanbad - 826 004 Jharkhand	20.54	36
2207	Experimental study on starting transients in a vacuum ejector-diffuser system	DRDO-AR&DB	Rajesh,G., Dr. (M) Associate Professor Indian Institute of Technology (Madras) Department of Applied Mechanics Chennai - 600 036 Tamil Nadu	27.61	24
2208	Heat transfer enhancement in plate-fin heat exchanger using nano-refrigerants	DRDO-AR&DB	Vinod,A.V., Dr. (M) Professor National Institute of Technology (Warangal) Warangal - 506 004 Telangana	31.03	36
2209	Laser induced dynamic fracture investigation of aluminum/composite interface	DRDO-AR&DB	Ketty,R., Dr. (M) Assistant Professor Indian Institute of Technology (Kanpur) Department of Aerospace Engineering Kanpur - 208 016 Uttar Pradesh	20.39	36
2210	Modeling & experimental characterization of functionally graded materials subjected to extreme loading conditions	DRDO-AR&DB	Tezeswi,T.P., Dr. (M) Assistant Professor National Institute of Technology (Warangal) Department of Civil Engineering Warangal - 506 004 Telangana	33.77	36
2211	Non-linear active shape & vibration control of functionally graded structure using functionally graded piezo electric material	DRDO-AR&DB	Kumar,R., Dr. (M) Assistant Professor Indian Institute of Technology (Mandi) School of Engineering, Mandav Nagar Mandi - 175 001 Himachal Pradesh	18.03	36
2212	Numerical investigation of boundary layer separation control in airfoils using surface porosity	DRDO-AR&DB	Ghosh,S., Mr. (M) Assistant Professor Indian Institute of Technology (Madras) Department of Aerospace Engineering Chennai - 600 036 Tamil Nadu	22.71	24
2213	Simulation of drag reduction by shear-free surface	DRDO-AR&DB	Cholemari,M.R., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Department of Applied Mechanics Engineering,Hauz Khas New Delhi - 110 016 Delhi	8.23	24
2214	Development of light weight functionally graded metal ceramic composite armour materials for Defence applications	DRDO-ARRB	Rajan,T.P.D., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology Thiruvananthapuram - 695 019 Kerala	48.68	36
2215	Development of numerical model for performance prediction of fire protective ensemble	DRDO-ARRB	Talukdar,P., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	16.80	24
2216	Development of PZT cermic foams	DRDO-ARRB	Prabhakaran,K., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	46.13	36
2217	Development of stiffened honeycomb composite structue to safeguard against shock & impact loading	DRDO-ARRB	Shelke,A., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	34.98	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2218	Fabrication of nano-oxide dispersed Tungsten alloys by mechanical alloying for armament applications	DRDO-ARRB	Patra,A., Prof. (M) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	42.76	36
2219	Numerical simulation of electromagnetic railgun	DRDO-ARRB	Sharma,M., Ms. (F) Engineer - SF Institute of Plasma Research Gandhinagar - 382 428 Gujarat	19.18	18
2220	Sound localization of high explosive artiliery shell explosion	DRDO-ARRB	Mohanty,A.R., Dr. (M) Professor Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	48.65	36
2221	Studies on improved low temperature strain capability in advanced energetic solid rocket propellant	DRDO-ARRB	Hardanahalli,M., Prof. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	150.88	36
2222	A rapid & field deployable portable sensor for acetylcholinesterase inhibitors detection	DRDO-ER&IPR	Mukherjee,A., Dr. (M) Professor Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	21.31	24
2223	An adaptive classifier for unbalanced evolving streams: An application to fraudulent data streams	DRDO-ER&IPR	Padmaja,T.M., Dr. (F) Associate Professor Vignan University Vignan's Foundation for Science, Technology & Research Univrsity, Vadlamudi Guntur - 522 213 Andhra Pradesh	9.10	24
2224	Analyzing & measuring the information collaterla damage of an entity on the internet	DRDO-ER&IPR	Kumaraguru,P., Mr. (M) Assistant Professor Indraprastha Institute of Information Technology Okhla Industrial Area, Phase III New Delhi - 110 020 Delhi	34.01	24
2225	Design & analysis of multi octave band EW phased array using a printed radiator covering 6-18 GHz	DRDO-ER&IPR	Krishna,K.S.R., Dr. (M) Professor V.R. Siddartha Engineering College Kanuru Vijayawada - 520 007 Andhra Pradesh	65.52	36
2226	Design & development of body worn antenna for wireless application	DRDO-ER&IPR	Sudha,M.N., Dr. (F) Associate Professor Karunya University Coimbatore - 641 114 Tamil Nadu	39.45	36
2227	Design & development of fault tolerant technique for reconfigurable computing applications	DRDO-ER&IPR	Jamuna,S., Dr. (F) Professor Dayananda Sagar College of Engineering Bengaluru - 560 078 Karnataka	17.55	24
2228	Design & development of magntostriction based Magneto-Electric (ME) sensor for landmine detection	DRDO-ER&IPR	Arockiarajan,A., Dr. (M) Associate Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	49.80	36
2229	Design & development of MEMS based piezoelectric energy harvester	DRDO-ER&IPR	Sharma,R., Dr. (F) Professor Malaviya National Institute of Technology (Jaipur) Jaipur - 302 017 Rajasthan	23.66	36
2230	Design Against Radiation Effect (DARE) for ASIC standard cell library for VLSI circuits	DRDO-ER&IPR	Devashrayee,N.M., Dr. (M) Professor Nirma University Ahmedabad - 382 481 Gujarat	37.72	24
2231	Design, simulation & development of conformal phased array antenna for airborne applications	DRDO-ER&IPR	Kumar,D., Dr. (M) Associate Professor Indian Institute of Information Technology, Design & Manufacturing Jabalpur - 482 005 Madhya Pradesh	52.78	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2232	Detection of an unknown stream cipher & recovery of its embedded keys through cryptanalysis of a class of iterative ciphers using fault analysis	DRDO-ER&IPR	Chakrabarti,A., Dr. (M) Dean Calcutta University Kolkata - 700 009 West Bengal	21.24	24
2233	Development of chemosensor based portable device for on-site detection of buried landmines & explosives for military applications	DRDO-ER&IPR	Chaskar,A., Dr. (M) Associate Professor Mumbai University Vidya Nagari, Kalina Campus, Samtacruz Mumbai - 400 098 Maharashtra	46.13	30
2234	Development of graphene based silicone rubber composites for Tribological application	DRDO-ER&IPR	George,S.C., Dr. (M) Professor Amal Jyothi College of Engineering Kollam - 686 518 Kerala	35.05	36
2235	Development of high strength PEK & PEEK composites using multifunctional MWCNTs for wide range EM/RFI shielding applications	DRDO-ER&IPR	Upadhyaya,P., Dr. (M) Professor & Head Central Institute of Plastics Engineering & Technology Phase - IV, GIDC, Vatva Ahmedabad - 382 445 Gujarat	40.55	36
2236	Development of hybrid nano based BLDC motor & validation of the design by using VLSI technology	DRDO-ER&IPR	Boopathy,K., Dr. (M) Associate Professor B.S. Abdur Rahman University Chennai - 600 048 Tamil Nadu	9.80	24
2237	Development of low density steels	DRDO-ER&IPR	Ujjwal, Mr. (M) Associate Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	43.77	36
2238	Development of object detection techniques from degraded complex video sequences due to dynamic variation of scenes by different atmospheric conditions for security & surveillance	DRDO-ER&IPR	Bhowmik,M.K., Dr. (M) Assistant Professor Tripura University Suryamaninagar - 799 022 Tripura	64.77	30
2239	Development of ultrasonically cast alumunium & aluminium alloy based high strength to weight ratio bulk nanocomposites for elevated temperture applications	DRDO-ER&IPR	Ghosh,S., Prof. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	28.32	36
2240	Development of user friendly computer code for the simulation of shock structure interaction & validation (including LRC)	DRDO-ER&IPR	Chellapandi,O., Dr. (M) Professor Vellore Institute of Technology University Chennai - 600 127 Tamil Nadu	57.05	24
2241	Effect of oxidation on the magnetic properties of Sm2Co17 permanent magnets	DRDO-ER&IPR	Panda,E., Dr. (F) Associate Professor Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 355 Gujarat	50.47	36
2242	Experimental investigation on surface plasmon resonance based fiber optic refractive index sensors	DRDO-ER&IPR	Sharma,N.K., Dr. (M) Associate Professor Jaypee Institute of Information Technology A 10, Sector 62 Noida - 201 307 Uttar Pradesh	27.71	36
2243	Fabrication of corrosion & wear resistant ceramic composite coating on A1 alloys by plasma electrolytic oxidation for defence application	DRDO-ER&IPR	Rameshbabu,N., Dr. (M) Assistant Professor National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	35.26	36
2244	High strain rate characterization of selective laser sintered materials for ballistic loading applications	DRDO-ER&IPR	Chandrasekhar,U., Dr. (M) Professor Vel Tech University Vel Tech Rangarajan Dr. Sangunthala R&D Institute of Science & Technology, Avadi-Vel Tech Road Chennai - 600 062 Tamil Nadu	23.58	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2245	Implementation of secured centralized controller through SDN over heterogeneous networks	DRDO-ER&IPR	Pushpalatha,M., Dr. (F) Professor S.R.M. University Kattankulathur Chennai - 603 203 Tamil Nadu	26.32	24
2246	IoT based knoweldge mining for smart characterization of critical components in aerospace/military appliances	DRDO-ER&IPR	Radha,P., Dr. (F) Associate Professor Mepco Schlenk Engineering College Virudhunagra Sivakasi - 626 005 Tamil Nadu	16.63	36
2247	Large signal field analysis of an O-Type travelling wave amplifier using a tape-helix model for the slow-wave circuit	DRDO-ER&IPR	Babu,G.N., Dr. (M) Assistant Professor Shiv Nadar University Gautam Budh Nagar Greater Noida - 201 314 Uttar Pradesh	12.14	24
2248	Micro GC column using micro-fluidic device with integrated micor-heater	DRDO-ER&IPR	Sujatha,L., Dr. (F) Rajalakshmi Engineering College Chennai - 602 105 Tamil Nadu	134.62	36
2249	Object identification through syntactic as well as semantic interpretation from given scenarios	DRDO-ER&IPR	Saha,B., Dr. (F) Associate Professor Calcutta University Kolkata - 700 009 West Bengal	28.67	36
2250	Passive method of base drag reduction for range enhancement of gun launched shell cofiguation	DRDO-ER&IPR	Kumar,C.S., Dr. (M) Assistant Professor Anna University Chromepet Chennai - 600 044 Tamil Nadu	53.36	24
2251	Physical modeling of Gallium Nitride High Electron Mobility Transistor (GaN-HEMT) with field plate structure for high power. High frequency & highly efficient power amplifiers	DRDO-ER&IPR	Gupta,R.S., Prof. (M) Maharaja Agrasen Institute of Technology New Delhi - 110 086 Delhi	33.94	36
2252	Sentiment analysis of online articles	DRDO-ER&IPR	Patkar,G., Mr. (M) Assistant Professor Don Bosco College of Engineering Fatorda Margaon - 403 602 Goa	13.54	36
2253	Simulation based preliminary study of Lower Extremity (LE) injuries caused by blast	DRDO-ER&IPR	Dubey,D.K., Mr. (M) Assistant Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	78.74	36
2254	Structure-microstructure-property correlation study in chemically modified lead free BZT-BCTsolid solutions	DRDO-ER&IPR	Kumar,S., Dr. (M) Associate Professor Punjab Engineering College University of Technology Chandigarh - 160 012 Chandigarh	48.36	36
2255	Study of HEMT & its performance in amplifier circuit	DRDO-ER&IPR	Islam,A., Dr. (M) Assistant Professor Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	23.74	36
2256	Synthesis of novel multifunctional nano composites & study the influence of size, shape, strain & organization on functional behavior at nano scale for magneto-dielectric device applications	DRDO-ER&IPR	Ramadurai,R., Mr. (M) Assistant Professor Indian Institute of Technology (Hyderabad) Yeddumailaram - 502 205 Telangana	37.42	36
2257	Vibrations of functionally graded nano structural members	DRDO-ER&IPR	Chakraverty,S., Prof. (M) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	18.96	36
2258	Weapon systems & war deterrence strategies in India's negihbourhood	DRDO-ER&IPR	Chandrashekar,S., Prof. (M) National Institute of Advanced Studies Bengaluru - 560 012 Karnataka	60.54	12

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2259	Association between cognitive-communication skills & vocational outcomes & employability following traumatic brain injury: An exploratory study	DRDO-LSRB	Vandana,V.P., Dr. (F) Assistant Professor National Institute of Mental Health & Neuro Sciences Department of Speech Pathology & Audiology Bengaluru - 560 029 Karnataka	24.53	36
2260	Characterization of UV protective compounds from cyanobacteria & media optimization for their enhancement	DRDO-LSRB	Ahmad,I.Z., Dr. (F) Professor Integral University Department of Bioenginering, Dasauli, Kursi Road Lucknow - 226 026 Uttar Pradesh	23.50	36
2261	Complete utilization of whey for the production of whey protein hydrolystate bacterial cellulose & tagatose for various food applications	DRDO-LSRB	Kumar,S., Dr. (M) Scientist F Centre for Innovation & Applied Bioprocessing Department of Biotechnology, C-127 VIII. Industrial Area Mohali - 160 071 Punjab	47.69	36
2262	Design & development of a multi DOF bionic arm with control assist mode functionality	DRDO-LSRB	Kadambi,G.R., Dr. (M) Pro-Vice Chancllor M.S. Ramaiah University of Applied Sciences University House, Gnanagangothri Campus, New BEL Road, M.S.R. Nagar Bengaluru - 560 054 Karnataka	19.47	18
2263	Design & development of bio-potential signal analysis system for control of mobility assistive device	DRDO-LSRB	Sasikala,M., Dr. (F) Associate Professor College of Engineering Department of Electronics & Communication Engineering, Anna University, Guindy Chennai - 600 025 Tamil Nadu	30.56	36
2264	Design & development of novel peptides/peptoids as potential drugs against selected pathogens	DRDO-LSRB	Saini,A., Dr. (M) Assistant Professor Panjab University Department of Biophysics, Sector 14 Chandigarh - 160 014 Chandigarh	59.53	36
2265	Design & development on non-invasive, multimodal neuromodulatory device studies on feasibility, safety & defense applications	DRDO-LSRB	Venkatasubramanian,G., Dr. (M) Addl. Professor National Institute of Mental Health & Neuro Sciences Department of Psychiatry, Hosur Road Bengaluru - 560 029 Karnataka	70.41	36
2266	Development & application of autophagy modulators for protection against pathogenic bacteria	DRDO-LSRB	Manjithaya,R., Dr. (M) Assistant Professor Jawaharlal Nehru Centre for Advanced Scientific Research Molecular Biology & Genetics Unit, Jakkur Bengaluru - 560 064 Karnataka	48.67	36
2267	Development of an electrochemical biosensor system for the rapid detection of biological warfare agents	DRDO-LSRB	Santosh,M.S., Dr. (M) Associate Professor Jyothy Institute of Technology Centre for Incubation, Innovation, Research & Consultancy, Thataguni Bengaluru - 560 082 Karnataka	21.64	36
2268	Development of aptamer based selective localization of gold nanoparticles for early stage detection & future applications in therapeutic prevention of Dengue infection	DRDO-LSRB	Senapati,D., Dr. (M) Associate Professor Saha Institute of Nuclear Physics Division of Chemical Sciences, I/AF, Bidhan Nagar Kolkata - 700 064 West Bengal	39.86	36
2269	Development of biogenic 3D nanoporous silica-based sensor for enahnced sensitivity against plant pathogenic fungi	DRDO-LSRB	Sundaram,S., Dr. (F) Professor & Coordinator Allahabad University Centre of Biotechnology, Nehru Science Centre Allahabad - 211 002 Uttar Pradesh	34.94	36
2270	Development of v-type nerve agent hydrolyzing enzyme	DRDO-LSRB	Gupta,R.D., Dr. (F) Assistant Professor South Asian University Faculty of Life Sciences & Biotechnology, Chanakyapuri New Delhi - 110 021 Delhi	27.39	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2271	Diagnosis & immunopathogenesis of Dengue virus infections: A longitudinal investigations into genotype diversity, diagnosis & immune response to Dengue infections in Assam, northeast India	DRDO-LSRB	Baruah,S., Dr. (M) Professor Tezpur University Department of Molecular Biology & Biotechnology, Napaam Tezpur - 784 028 Assam	61.60	36
2272	Effects of environment & occupational noise on cognition	DRDO-LSRB	Kumaran,S.S., Dr. (M) Addl. Professor All India Institute of Medical Sciences Department of NMR & MRI Facility, Ansari Nagar New Delhi - 110 029 Delhi	59.26	36
2273	Exploring biodiesel feedstock production in a halophilic isolate	DRDO-LSRB	Choudhury,B., Dr. (M) Associate Professor Indian Institute of Technology (Roorkee) Department of Biotechnology Roorkee - 247 667 Uttarakhand	26.55	24
2274	Fabrication & characterization of natural polysaccharide based bioerodible localized spongy scaffold: A new advanced wound care tool	DRDO-LSRB	Samanta,A., Dr. (M) Professor Jadavpur University 188, Raja S.C. Mullick Road Kolkata - 700 032 West Bengal	15.92	36
2275	G protein regulator RGS 6 might be developed as a promising target for attenuating alcohol-induced cardiomyopathy	DRDO-LSRB	Maity,B., Dr. (M) Assistant Professor Centre for Biomedical Research Raibarelly Road Lucknow - 226 014 Uttar Pradesh	29.30	36
2276	Genetic improvement & popularization of Komal-chawl-a potential rice preparation for soldiers posted in remote places	DRDO-LSRB	Dey,N., Dr. (M) Assistant Professor Visva Bharati University Department of Biotechnology Birbhum - 731 235 West Bengal	26.35	36
2277	Hypoxia mediated epithelial mesenchymal transition & altered permeability of podocytes: A novel role for HIF-l alpha & its implications in high-altitude proteinuria	DRDO-LSRB	Kumar,P.A., Dr. (M) Assistant Professor Hyderabad University Department of Biochemistry, School of Life Sciences, Gachibowli Hyderabad - 500 046 Telangana	37.68	36
2278	Identification of novel blood based biomarker for early detection of human Gallbladder cancer	DRDO-LSRB	Chauhan,S.S., Dr. (M) Professor All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	46.61	36
2279	Microbial & pesticide decontamination of freshly consumed vegetables	DRDO-LSRB	Negi,P.S., Dr. (M) Principal Scientist CSIR-Central Food Technological Research Institute Department of Fruits & Vegetable Technology, Cheluvamba Mansion Mysore - 570 020 Karnataka	23.28	24
2280	Screening of novel antibiotics from the metagenome of Himalayan glacier soil	DRDO-LSRB	Singh,A.K., Dr. (M) Associate Professor Indian Institute of Technology (BHU) School of Biochemical Engineering, Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	39.88	36
2281	Seroproteome analysis of recombinant secretory proteins of Burkholderia mallei towards antigen immuno assay for improved diagnosis of glanders	DRDO-LSRB	Singha,H., Dr. (M) Scientist (SS) ICAR-National Research Centre on Equines Sirsa Road Hisar - 125 001 Haryana	36.67	36
2282	Studies on development of biosensor for detection of explosives (hydrazine & TNT)	DRDO-LSRB	Dilbaghi,N., Dr. (M) Director Guru Jambeshwar University of Science & Technology Department of Bio & Nano Technology Hisar - 125 001 Haryana	38.43	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2283	Study the effects of hypoxia on ben-zo (1) pyrene-induced behavioral changes & expression of neurotrophic factors during Zebrafish (Danio rerio) embryo development	DRDO-LSRB	Patri,M., Dr. (F) Lecturer Ravenshaw University Department of Zoology, School of Life Sciences, College Square Cuttack - 763 003 Odisha	37.72	36
2284	Value addition of banana flower using green technologies to develop combat food	DRDO-LSRB	Deka,S.C., Prof. (M) Former Head Tezpur University Department of Food Engineering & Technology, Napaam Tezpur - 784 028 Assam	22.74	24
2285	A fluid structure interaction model for investigation of drag reduction on flexible plates with applications in underwater vehicles	DRDO-NRB	Bhardwaj,R., Dr. (M) Associate Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	35.14	36
2286	Algorithms for underwater image enhancement, object detection & cable tracking	DRDO-NRB	Supriya,M.H., Dr. (F) Professor Cochin University of Science & Technology Kochi - 682 022 Kerala	30.60	24
2287	Coupled fluid-structure interaction studies due to underwater explosion around submerged composite pressure hull	DRDO-NRB	Ramajeyathilagam,K., Dr. (M) Senior Professor Hindustan Institute of Technology & Science Rajiv Gandi Salai, Padur, Kelambakkam Chennai - 603 103 Tamil Nadu	39.60	36
2288	Design & development of bio-inspired unmanned underwater vehilces	DRDO-NRB	Mitra,S., Dr. (M) Assistant Professor Shiv Nadar University NH 91, Tehsil Dadri, Gautam Budha Nagar Greater Noida - 201 314 Uttar Pradesh	13.46	24
2289	Development of amphiphilic titanium oxide - silicon oxide coatings for anti-biofouling applications	DRDO-NRB	Jevachandran,Y.L., Dr. (F) Assistant Professor Bharathiar University Marudhamalai Road Coimbatore - 641 046 Tamil Nadu	21.17	36
2290	Development of compressive sensing techniques for sonar signal processing	DRDO-NRB	Anand,G.V., Prof. (M) P.E.S. Institute of Technology Bengaluru - 560 085 Karnataka	31.46	36
2291	Development of indigenous sensor for salinity & temperature measurements suitable for oceanographic applications	DRDO-NRB	Dhanalakshmi,S., Dr. (F) Assistant Professor S.R.M. University Kattankulathur - 603 203 Tamil Nadu	26.26	24
2292	Development of one-step electrodeposition of platinum nano arrays on sulphur doped graphene for high-performance electrocatalyst	DRDO-NRB	Kalpana,D., Dr. (F) Senior Scientist CSIR-Central Electrochemical Research Institute College Road Karaikudi - 630 003 Tamil Nadu	13.40	16
2293	Development of optimum receiver for underwater acoustic communications tuned to Indian oceans	DRDO-NRB	Aggarwal,M., Dr. (F) Associate Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	31.51	36
2294	Development of polyolefin composite loaded with co-microencapsulated intumescent fire retardent system along with nanosized wear resistant additives environment	DRDO-NRB	Sailaja,R.R.N., Dr. (F) Senior Scientist The Energy & Resources Institute Bengaluru - 560 071 Karnataka	11.42	36
2295	Development of robust Algorithms for detection & classification of ships based on ultra sound wake signature	DRDO-NRB	Jana,S., Dr. (F) Assistant Professor Indian Institute of Technology (Hyderabad) Sangareddy - 502 285 Telangana	32.20	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2296	Development of Smoothered Particle Hydro-dynamics (SPH) capability for Naval applications	DRDO-NRB	Shaw,A., Dr. (M) Assistant Professor Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	63.71	36
2297	Development of tubular PEM fuel cells	DRDO-NRB	Raghunathan,R., Dr. (M) Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	32.48	36
2298	Feasibility study on natural/glass fiber reinforced polymer nano composites materials for Naval applications	DRDO-NRB	Shanmugam,D., Mr. (M) Associate Professor Dr. Mahalingam College of Engineering & Technology Udumalai Road, Annamali Nagar Pollachi - 642 130 Tamil Nadu	5.87	12
2299	Implementation of a 3-D numerical model for the Cochin estuary to simulate the acoustic environment & transport process	DRDO-NRB	Revichandran,C., Dr. (M) Chief Scientist CSIR-National Institute of Oceanography Dona Paula - 403 004 Goa	83.36	36
2300	Modeling the surface layer temperature inversion in the northern Indian Ocean	DRDO-NRB	Suresh,I., Dr. (M) Senior Scientist CSIR-National Institute of Oceanography Dona Paula - 403 004 Goa	26.32	24
2301	Modulating coating properties for enhanced protection from erosion - corrosion: A systematic approach on delineating the effect of post - processing conditions	DRDO-NRB	Arora,H.S., Dr. (M) Assistant Professor Shiv Nadar University NH 91, Tehsil Dadri, Gautam Budha Nagar Greater Noida - 201 314 Uttar Pradesh	14.06	24
2302	Monitoring changes in Bathymetry of costal & Estuarine waters	DRDO-NRB	Suresh,T., Mr. (M) Chief Scientist CSIR-National Institute of Oceanography Dona Paula - 403 004 Goa	44.01	24
2303	Nano-ferrite tungstites & carbon nanotubes composites for efficient hydrogen production by solar water splitting	DRDO-NRB	Kumari,M.M., Dr. (F) Assistant Professor Yogi Vermana University Kadapa - 516 003 Andhra Pradesh	17.36	36
2304	Plasma sprayed carbon nanotube reinforced Molybdenum disulphine anti-friction nanocompoiste coating with enhanced mechanical & wear properties	DRDO-NRB	Keshri,A.K., Mr. (M) Assistant Professor Indian Institute of Technology (Patna) Patna - 801 106 Bihar	15.05	24
2305	Reliability measures & evaluation of underwater mobile ad hoc networks	DRDO-NRB	Padmavathy,N., Dr. (F) Professor Vishnu Institute of Technology Kowada Godavari - 534 202 Andhra Pradesh	18.56	24
2306	Response of bioluminescent organisms to mechanical stimuli for potential Naval applications	DRDO-NRB	Parvathi,A., Dr. (F) Scientist CSIR-National Institute of Oceanography Kochi - 682 018 Kerala	48.27	36
2307	Synthesis, design & development of high vibration damping Al-Alloy (AA7075) 10% WT-Graphite composites for Naval application application	DRDO-NRB	Dhokey,N.B., Dr. (M) Professor Government College of Engineering Pune - 411 001 Maharashtra	26.10	36
2308	Transmission loss variability due to internal tides simulated using an integrated models	DRDO-NRB	Rao,A.D., Dr. (M) Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	54.28	36
2309	Understanding the seafloor characteristics & accoustics monitoring off Goa-Grande Island region employing active & passive acoustic techniques	DRDO-NRB	Chakraborty,B., Dr. (M) Chief Scientist CSIR-National Institute of Oceanography Dona Paula - 403 004 Goa	22.99	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2310	Unsteady forces on cylinders under cavitation	DRDO-NRB	Chatterjee,D., Dr. (M) Associate Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	84.66	36
2311	Design & development of novel instrument retrieval equipment for removal of separated instruments during Endodontic therapy	DST-BDTD	Talwar,S., Dr. (F) Professor Maulana Azad Institute of Dental Sciences Bahadur Shah Zafar Marg New Delhi - 110 002 Delhi	83.07	36
2312	Designing & testing the functioning of innovative instruments	DST-BDTD	Naeem,S.S., Dr. (M) Assistant Professor Aligarh Muslim University Jawaharlal Nehru Medical College Aligarh - 202 002 Uttar Pradesh	24.02	24
2313	Development of a non-invasive optical instrument based on skin reflectance technique for monitoring Jaundice in neonates	DST-BDTD	Periyasamy,R., Dr. (M) Assistant Professor National Institute of Technology (Raipur) Raipur - 492 010 Chhattisgarh	18.64	24
2314	Development of field portable high-resolution fluorescence & Raman based fiber optic micro-endoscopy for in vivo imaging & diagnosis of breast & oral cancer	DST-BDTD	Mehta,D.S., Dr. (M) Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	90.80	36
2315	Development of indigenous membrane cartidges for Hemodialysis	DST-BDTD	Sankaran,K., Prof. (M) Anna University National Hub for Healthcare Instrumentation Development Chennai - 600 025 Tamil Nadu	40.09	12
2316	Development of optical tomography platforms for clinical applications	DST-BDTD	John,R., Ms. (F) Associate Professor & Head Indian Institute of Technology (Hyderabad) Kandi Sangareddy - 502 285 Telangana	89.96	36
2317	Development of optical vein visualization aid & an optical bilirubin measurement device	DST-BDTD	Wanare,H., Dr. (M) Professor Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	31.49	24
2318	Handheld chemical-diagnostic device with replaceable cartridge for the estimation of Creatinine & pH	DST-BDTD	Gorthi,S.S., Dr. (M) Assistant Professor Indian Institute of Science Bengaluru - 560 012 Karnataka	25.10	18
2319	Lab on chip for blood plasma separation & detection of antigens using SPR	DST-BDTD	Sen,A.K., Dr. (M) Assistant Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	49.12	24
2320	Low cost bench-top fluorescence microscope with integrated diagnostic Algorithm for early Cervical cancer risk prediction	DST-BDTD	Barui,A., Dr. (F) Assistant Professor Indian Institute of Science Education & Research (Kolkata) Centre for Healthcare Science & Technology Howrah - 711 103 West Bengal	40.37	36
2321	Low cost high resolution X-ray imaging system with image intensifier augmentation	DST-BDTD	Krishnamurthi,G., Dr. (M) Assistant Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	83.46	24
2322	Micro fluidic digital holographic microscopy platform for live cell imaging & diagnostic	DST-BDTD	Khare,K., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	57.83	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2323	Organ-low cost bio mechantronic rehabilitative solutions for children with congenital hemiparesis	DST-BDTD	Kumar,N., Dr. (M) Chair Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	44.80	24
2324	Point of cate diagnostic devices & applicable research for further development	DST-BDTD	Ghosh,P.K., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	26.08	36
2325	Surface plasmon-coupled emission based compact diagnostic devices (Benchtop & hand-held) for cardiac troponin T quantification	DST-BDTD	Ramamurthy,S.S., Dr. (M) Assistant Professor Sri Sathya Sai Institute of Higher Learning Nilayam Campus Anantapur - 515 134 Andhra Pradesh	45.68	24
2326	Biomass derived nanostructured cellulose aerogel materials for thermal insulation in energy efficient smart buildings	DST-CERI	Kailasam,K., Dr. (M) Scientist E Institute of Nano Science & Technology Mohali - 160 062 Punjab	166.53	36
2327	Community-scale Energy Demand Reduction in India (CEDRI)	DST-CERI	Abhyankar,A.R., Dr. (M) Associate Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	275.48	36
2328	Condition monitoring & prediction of thermal runaway through experiments, numerical modeling & estimation of state-of-charge in Lithiumion cell	DST-CERI	Gupta,A., Dr. (M) Associate Professor Indian Institute of Technology (Delhi) Deparment of Mechanical Engineering, Hauz Khas New Delhi - 110 016 Delhi	90.48	36
2329	Covalent organic framework & metal organic framework as solid electrolytes for batteries & fuel cells & as charge storage matrix for supercapacitors & organic electronics	DST-CERI	Vaidhyanathan,R., Dr. (M) Assistant Professor Indian Institute of Science Education & Research (Pune) Department of Chemistry, Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	85.68	36
2330	Design & development of PCM based pilot solar hybrid thermal storage system for low temperature application	DST-CERI	Velavan,R., Dr. (M) Associate Professor P.S.G. College of Technology Department of Mechanical Engineering, Peelamedu Coimbatore - 641 004 Tamil Nadu	39.73	36
2331	Design & development of solar & agricultural waste-based building cooling system	DST-CERI	Das,R., Dr. (M) Assistant Professor Indian Institute of Technology (Ropar) Nangal Road, Rupnagar Ropar - 140 001 Punjab	38.24	36
2332	Design & development of solar dish concentrator with thermal storage options for electricity generation	DST-CERI	Reddy,H., Dr. (M) Professor Jawaharlal Nehru Technological University Anantapur - 515 002 Andhra Pradesh	55.17	36
2333	Design & processing of nanostructured hybrid composite materials for electrochemical energy storage	DST-CERI	Unni,K.N.N., Dr. (M) Principal Scientist & Head CSIR-National Institute for Interdisciplinary Science & Technology Division of Chemical Science & Technology, Photosciences & Photonics Section Thiruvananthapuram - 695 019 Kerala	50.35	36
2334	Design & prototype demonstration of a CHCP system for scalable building energy use based on methanol powered fuel cell system	DST-CERI	Bhargav,A., Dr. (M) Assistant Professor Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 355 Gujarat	69.63	36
2335	Design & retrofitment for developing methanol fuelled large bore engine (EMD 710; 4500 hp) for locomotive, marine & power generation applications	DST-CERI	Agarwal,A.K., Dr. (M) Professor Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	372.30	18

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2336	Design development & demonstration of high ash Indian Coal To Methanol (CTM) technology	DST-CERI	Chintala,T.N., Mr. (M) Senior Engineer Bharat Heavy Electricals Limited Corporate Research & Development Division Hyderabad - 500 093 Telangana	102.63	30
2337	Developing energy efficient & ECBC compliant opaque wall assembly unit for warm & humid climate as well as hot & dry climate	DST-CERI	Yehuda,R.U., Prof. (F) Advisor Savitribai Phule Pune University Science & Technology Park Pune - 411 007 Maharashtra	60.41	36
2338	Development & heat transfer analysis of material for encapsulated phase change material for medium & high temperature solar applications	DST-CERI	Saha,S.K., Dr. (M) Assistant Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	70.78	36
2339	Development of high capacity NMC cathode materials for Lithium ion rechargeable batteries	DST-CERI	Singh,R.K., Prof. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	36.09	36
2340	Development of high volume flyash foam concrete wall panel using rice straw as thermal insulation material	DST-CERI	Mini,K.M., Prof. (F) Chairperson Amrita Vishwa Vidyapeetham Coimbatore - 641 112 Tamil Nadu	38.57	36
2341	Development of hybrid 3D architecture electrodes for high energy density supercapattery	DST-CERI	Ananthakumar,R., Dr. (M) Junior Scientist Central Institute of Plastics Engineering & Technology Bhubaneswar - 751 024 Odisha	47.82	36
2342	Development of layered transition metal dichalcogenides for efficient energy sotrage: Synthesis & supercapacitor applications	DST-CERI	Mahalingam,V., Dr. (M) Associate Professor Indian Institute of Science Education & Research (Kolkata) Department of Chemical Science, Mohanpur Nadia - 741 246 West Bengal	61.47	36
2343	Development of light weight heat sink integrated with Phase Change Material (PCM) for cooling applications	DST-CERI	Sahu,S.K., Dr. (M) Associate Professor Indian Institute of Technology (Indore) Indore - 453 552 Madhya Pradesh	28.86	36
2344	Development of low cost iron based flow batteries for grid level energy storage	DST-CERI	Muralidhara,H.B., Dr. (M) Associate Professor Jyothy Institute of Technology Tataguni, Off Kanakapura Road Bengaluru - 560 082 Karnataka	137.50	36
2345	Development of low cost sodium-ion battery: Fabrication & application of NASICON based electrodes	DST-CERI	Prakash,R., Dr. (M) Professor & Coordinator Indian Institute of Technology (BHU) School of Materials Science & Technology Varanasi - 221 005 Uttar Pradesh	82.90	36
2346	Development of low pressure-high volume biomethane storage cylinder for transportation of bottled biogas for cooking & automotive fuel applications	DST-CERI	Vijay,V.K., Prof. (M) Head Indian Institute of Technology (Delhi) Centre for Rural Development & Technology, Hauz Khas New Delhi - 110 016 Delhi	62.48	36
2347	Development of low-cost sodium ion batteries for grid & off-grid storage applications	DST-CERI	Das,B.K., Dr. (M) Scientist International Advanced Research Centre for Powder Metallurgy & New Materials Centre for Automotive Energy Materials, IITM Research Park, Phase I Chennai - 600 113 Tamil Nadu	64.54	36
2348	Development of novel hybrid battery - supercapacitor device based on innovative nanostructured electrode materials	DST-CERI	Dusane,R.O., Mr. (M) Assistant Professor Indian Institute of Technology (Bombay) Department of Metallurgical Engineering & Materials Science, Powai Mumbai - 400 076 Maharashtra	195.06	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2349	Development of sustainable & safe hybrid Supercapacitor (SC) with high energy density (- 100 WhKg -1), power density (2kWkg-1) & long cycle life (>20,000 cycles) for high end applications such as space, defence & hybrid electrc vehicles	DST-CERI	Sharma,Y.K., Dr. (M) Assistant Professor Indian Institute of Technology (Roorkee) Department of Physics, Centre of Nanotechnology Roorkee - 247 667 Uttarakhand	50.12	24
2350	Development, via innovative, but facile, processing route & understanding of superior carbon nanotube reinforced electrode materials for Na-ion & Li-ion batteries	DST-CERI	Mukhopadhyay,A., Dr. (M) Associate Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	81.41	36
2351	Electrospun nanofibers as effective polysylfide trap for advanced Lithium-sulfur batteries	DST-CERI	Nandan,B., Dr. (M) Associate Professor Indian Institute of Technology (Delhi) Department of Textile Technology, Hauz Khas New Delhi - 110 016 Delhi	68.38	36
2352	Energy performance of a domestic grid-tied zero energy buildings integrated with onsite renewable energy technologies	DST-CERI	Prasad,G.R.K.D.S., Prof. (M) Head Gandhi Institute of Engineering & Technology Gunupur Rayagada - 765 022 Odisha	28.78	36
2353	Flexible solid-state supercapacitor device	DST-CERI	Sankapal,B.R., Dr. (M) Head & Associate Professor Visvesvaraya National Institute of Technology (Nagpur) Department of Applied Physics, South Ambazari Road Nagpur - 440 010 Maharashtra	60.64	36
2354	Habitat model for efficiency & comfort	DST-CERI	Sastry,M., Ms. (F) Associate Director The Energy & Resources Institute Bengaluru - 560 071 Karnataka	78.69	36
2355	Hierarchically nanostructured energy materials for next generation Na-Ion storage system & their potential use in electric bicycles	DST-CERI	Chandra,A., Mr. (M) Assistant Professor Indian Institute of Technology (Kharagpur) Department of Physics Kharagpur - 721 302 West Bengal	94.98	36
2356	High voltage carbon encapsulated-graded LiMn2O4: LiNiI-x-yCoxAlyO2 cathodes for rechargeable Li-ion pouch cells	DST-CERI	Sahana,M.B., Dr. (M) Senior Scientist International Advanced Research Centre for Powder Metallurgy & New Materials Centre for Automotive Energy Marterials, IITM Research Park, Phase I Chennai - 600 113 Tamil Nadu	62.56	36
2357	Hybrid energy storage devices based on multifunctional nanocomposite materials	DST-CERI	Shaijumon,M.M., Dr. (M) Assistant Professor Indian Institute of Science Education & Research (Trivandrum) School of Physics Thiruvananthapuram - 695 016 Kerala	104.07	36
2358	Identification & demonstration of cost effective technologies to maximize habitat energy self-sufficiency	DST-CERI	Mishra,S., Dr. (M) Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	12.42	36
2359	Identification & demonstration of cost effective technologies to maximize habitat energy self-sufficiency	DST-CERI	Rayabharapu,V.K., Dr. (M) Assistant Professor B.V. Raju Institute of Technology Medak - 502 313 Telangana	9.63	36
2360	Identification & demonstration of cost effective technologies to maximize habitat energy self-sufficiency	DST-CERI	Rajasekar,E., Dr. (M) Assistant Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	3.52	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2361	Indoor Environmental Quality (IEQ) monitoring & control system based on wireless sensor-actuator network for smart indoor environments & development of a low energy cooling system	DST-CERI	Kumar,A., Dr. (M) Fellow CSIR-Central Building Research Institute Roorkee - 247 667 Uttarakhand	110.11	36
2362	Indoor Environmental Quality (IEQ) monitoring & control system based on wireless sensor-actuator network for smart indoor environments & development of a low energy cooling system	DST-CERI	Saini,A.K., Dr. (M) Senior Scientist CSIR-Central Electronics Engineering Research Institute Pilani - 333 031 Rajasthan	28.92	36
2363	Innovative supercapacitors for energy storage solutions - from materials modelling to device fabrication	DST-CERI	Jose,S.P., Dr. (F) Assistant Professor Madurai Kamaraj University School of Physics Madurai - 625 021 Tamil Nadu	52.80	36
2364	Integrated urban model for built environment energy resarch (iNUMBER)	DST-CERI	Phatak,V., Prof. (M) Dean Centre for Environment Planning & Technology University Ahmedabad - 380 009 Gujarat	576.44	48
2365	Low cost, flexible crack free metal oxide/conducting polymer inverse opal strutures for super capacitors	DST-CERI	Ingole,P.P., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Department of Chemistry, Hauz Khas New Delhi - 110 016 Delhi	35.15	36
2366	Materials & related storage devices for grid-deprived communities	DST-CERI	Sampath,S., Dr. (M) Professor Indian Institute of Science Department of Inorganic & Physical Chemistry Bengaluru - 560 012 Karnataka	194.77	36
2367	Methanol production from Indian coal: Pilot plant demonstration, catalysis & scale-up technologies	DST-CERI	Roy,S., Dr. (M) Professor & Associate Dean Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	4782.93	36
2368	Methanol-diesel dual fuel engine for stationary applications	DST-CERI	Kamei,W., Mr. (M) Senior Scientist CSIR-Indian Institute of Petroleum Dehradun - 248 005 Uttarakhand	101.00	42
2369	Moduar storage element for micro-grid integration	DST-CERI	Srinivasan,S., Dr. (M) Professor Indian Institute of Science Bengaluru - 560 012 Karnataka	19.00	48
2370	Nanostructured carbon decorated with metal nanoparticle loaded metal doped monochalcogenide thermoelectric with remarkable ZT & power factor: Performance evaluation with commercially available thermoelectric devices	DST-CERI	Kar,K.K., Prof. (M) Indian Institute of Technology (Kanpur) Department of Mechanical Engineering & Materials Science Programme Kanpur - 208 016 Uttar Pradesh	46.64	36
2371	PCM integrated solar powered space heating system	DST-CERI	Agrawal,N., Mrs. (F) Manager R&D Pluss Advanced Technologies Private Limited Plot No. 610A, Phase 5, Udyog Vihar Gurgaon - 122 016 Haryana	58.47	36
2372	Residential building energy demand reduction in India (RESIDE)	DST-CERI	Garg,V., Mr. (M) Associate Professor & Head International Institute of Information Technology Hyderabad - 500 032 Telangana	445.73	48
2373	Reversible alkali metal based hydrides for high temperature thermal energy storage	DST-CERI	Kumar,E.A., Dr. (M) Assistant Professor Indian Institute of Technology (Indore) Simrol Indore - 453 552 Madhya Pradesh	144.45	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2374	SC 11 alable manufacturing of asymmetric micro supercapacitors for next generation energy storage devices	DST-CERI	Balakrishnan,V., Dr. (M) Assistant Professor Indian Institute of Technology (Mandi) Mandi - 175 005 Himachal Pradesh	68.61	36
2375	Scale-up process development of highly efficient inovative core-shell structured electrode materials & investigate their electrochemical performance by fabricating Lithium batteries (18650-type cylindrical cell) for clean energy storage	DST-CERI	Murugan,A.V., Dr. (M) Associate Professor Pondicherry University Centre for Nanoscience & Technology, Madanjeet School of Green Energy Technologies, Dr. R.V. Nagar, Kalapet Puducherry - 605 014 Puducherry	104.67	36
2376	Self-charging energy storage devices for wearable applications	DST-CERI	Gupta,D., Dr. (F) Associate Professor Indian Institute of Technology (Bombay) Department of Metallurgical Engineering & Materials Science, Powai Mumbai - 400 076 Maharashtra	44.74	24
2377	Simultaneous thermoelectric - waste heat to electrical energy conversion & dielectric energy storage by Germanium Telluride (GeTe) & its derivatives	DST-CERI	Biswas,K., Dr. (M) Assistant Professor Jawaharlal Nehru Centre for Advanced Scientific Research Bengaluru - 560 064 Karnataka	85.60	36
2378	Smart performance roadmap for airport terminal buildings in India	DST-CERI	Babu,N.S.C., Dr. (M) Executive Director & PCI Centre for Development of Advanced Computing (C-DAC) Knowledge Park, Old Madras Road Bengaluru - 560 038 Karnataka	52.16	36
2379	Smart performance roadmap for airport terminal buildings in India	DST-CERI	Rajasekar,E., Dr. (M) Assistant Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	59.22	36
2380	Standalone evaporative air cooler - pump flow & fan speed controller using solar energy	DST-CERI	Venaktesaperumal,B., Dr. (M) Associate Professor National Institute of Technology (Karnataka) Mangalore - 575 025 Karnataka	38.70	30
2381	Standardization of measurement protocol for overall heat transfer co-efficient (U-Value) for building materials & components for Indian subcontinent	DST-CERI	Das,B., Dr. (M) Professor & Director National Institute of Technology (Silchar) Silchar - 788 010 Assam	17.00	36
2382	Standardization of measurement protocol for overall heat transfer co-efficient (U-Value) for building materials & components for Indian subcontinent	DST-CERI	Neogi,S., Prof. (M) Director Aliah University Kolkata - 700 156 West Bengal	91.24	36
2383	Technology development for utilization of methanol in SI engines	DST-CERI	Krishna,R.V.R., Dr. (M) Professor Indian Institute of Science Bengaluru - 560 012 Karnataka	125.27	36
2384	Translating urban spaces as strategic energy & water security measure	DST-CERI	Mukherjee,M., Dr. (F) Associate Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	52.35	36
2385	User friendly functional simulation tool development through experimental validation for integration of PCM in energy efficient buildings for thermal management	DST-CERI	Raj,V.A.A., Dr. (M) Professor & Head Easwari Engineering College Chennai - 600 089 Tamil Nadu	33.06	36
2386	User friendly functional simulation tool development through experimental validation for integration of PCM in energy efficient buildings for thermal management	DST-CERI	Geetha,N.B., Dr. (F) Principal Meenakshi College of Engineering Chennai - 600 078 Tamil Nadu	34.37	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2387	User friendly functional simulation tool development through experimental validation for integration of PCM in energy efficient buildings for thermal management	DST-CERI	Velraj,R., Prof. (M) Director Anna University Chennai - 600 025 Tamil Nadu	25.35	36
2388	Zero peak Energy building Design for India (ZED-i)	DST-CERI	Rajasekar,E., Dr. (M) Assistant Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	583.57	36
2389	2D transition metal carbides (MXene) based hybrid symmetric/asymmetric supercapacitor for energy storage application	DST-IBC	Pal,K., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	19.69	36
2390	A new three axis MEMS accelerometer based on piezoresistive	DST-IBC	Rao,V.R., Prof. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	33.65	24
2391	Adaptive snowpack parameters estimation and mapping by using SAR polarimetry and interferometry	DST-IBC	Singh,D., Prof. (M) Indian Institute of Technology (Roorkee) Department of Electronics & Communication Engineering Roorkee - 247 667 Uttarakhand	6.10	12
2392	An efficient Software Defined Network (SDN) - based framework for big data processing in cloud data center	DST-IBC	Kumar,N., Dr. (M) Thapar University Prem Nagar Patiala - 147 004 Punjab	15.12	24
2393	Application of a novel viscoplastic material model for sheet forming of polymer-metal powder aggregates: Experiments and modelling	DST-IBC	Date,P.P., Prof. (M) Indian Institute of Technology (Bombay) Department of Mechanical Engineering, Powai Mumbai - 400 076 Maharashtra	22.51	36
2394	Big data aware high capacity wireless network architecture using caching and machine learning	DST-IBC	Bhatia,V., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	30.29	36
2395	Computation and communication efficient attribute based privacy preserving access control mechanism in public cloud	DST-IBC	Shukla,M.K., Dr. (M) Amity University Sector 125 Noida - 201 313 Uttar Pradesh	25.35	36
2396	Computational modeling, design and strength analysis of adaptive microporous materials with controlled properties	DST-IBC	Rajagopal,A., Dr. (M) Indian Institute of Technology (Hyderabad) Near N.H-65 Sangareddy - 502 285 Telangana	35.60	36
2397	Concentrated Photovoltaic (CPV) assisted tandem Artificial Photosynthetic (AP) device for effective solar-to-chemical conversion	DST-IBC	Pesala,B., Dr. (M) CSIR-Central Electrochemical Research Institute M.G. Road, Taramani Chennai - 630 113 Tamil Nadu	32.37	36
2398	Damping enhancement of laminated composite plate using CNT	DST-IBC	Devindran,S., Prof. (M) Vellore Institute of Technology University Kelambakkam Road, Vandalur Chennai - 600 127 Tamil Nadu	6.30	24
2399	Data-driven intelligent energy management for environmentally sustainable energy access	DST-IBC	Pindoriya,N.M., Dr. (M) Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 355 Gujarat	30.77	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2400	Desige of novel nanophotonic and plasmonic structures for improved solar cell using reverse-engineering	DST-IBC	Sastry,S., Prof. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Jakkur Bengaluru - 560 064 Karnataka	58.90	36
2401	Design and development of advanced power electronics and related technologies for integration of solar power plants with power utility grids	DST-IBC	Goel,A., Mr. (M) Allied Engineering Works Private Ltd. Samaypur Badli Delhi - 110 042 Delhi	150.00	24
2402	Design and development of detection and extinguishing systems for forest fire using sensor networks, aerial and ground robots	DST-IBC	Guha,P., Dr. (F) CSIR-Central Scientific Instruments Organization 36 B Pocket R, Dilshad Garden New Delhi - 110 095 Delhi	29.68	36
2403	Design and development of hybrid wind-solar power generation system using multilevel inverter for grid connected application	DST-IBC	Kumar,P.S., Dr. (M) Osmania University Main Road, Amberpet Hyderabad - 500 007 Telangana	24.43	36
2404	Design and synthesis of novel catalysts for energy applications via nanoparticle self-assembly	DST-IBC	Punnathanam,S., Prof. (M) Indian Institute of Science C.V.Raman Road Bengaluru - 560 012 Karnataka	29.91	36
2405	Design methodology for programmable microfluidic devices by integrating architectural and logic synthesis techniques	DST-IBC	Roy,S., Mr. (M) Assistant Professor Indian Institute of Technology (Roorkee) Department of Computer Science & Engineering Roorkee - 247 667 Uttarakhand	7.58	24
2406	Design of a sciento-text computational framework of retrieval & contextual recommendations of high quality scholarly articles	DST-IBC	Singh,V.K., Dr. (M) Banaras Hindu University Departmen of Computer Science, Ajagara Varanasi - 221 005 Uttar Pradesh	6.64	24
2407	Design, modeling and diagnoatic of wind turbines for sustainable energy efficiency	DST-IBC	Parey,A., Prof. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	10.80	24
2408	Developing machine learning tools for big data meerKat, meerLight, GMRT, salt and the SKA: Enhanced exchange programme	DST-IBC	Philip,N.S., Dr. (M) St. Thomas College Mahatma Gandhi University, District Kozhencherri Pathanamthitta - 689 645 Kerala	20.53	36
2409	Development of a pathological healthcare system for early detection of neurological gait abnormalities	DST-IBC	Nandy,A., Mr. (M) Assistant Professor National Institute of Technology (Rourkela) Department of Computer Science & Engineering, Sector 1 Rourkela - 769 008 Odisha	6.28	24
2410	Development of CAD tools for synthesis, optimization and verification of digital circuits using memristors	DST-IBC	Dutta,K., Dr. (F) National Institute of Technology (Meghalaya) Department of Computer Science & Engineering, Laitumkhrah Shillong - 793 003 Meghalaya	8.66	24
2411	Development of graphene-metal semiconductor nanocomposite based smart torque & shear sensors ad their applications	DST-IBC	Rajanna,K., Prof. (M) Indian Institute of Science Department of Instrumentation & Applied Physics, C.V. Raman Road Bengaluru - 560 012 Karnataka	8.78	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2412	Development of high performance computational codes and their applications for numerical simulation in compressible fluid dynamics and rarefied gas dynamics	DST-IBC	De,S., Dr. (F) CSIR-Central Mechanical Engineering Research Institute Durgapur - 713 209 West Bengal	15.05	36
2413	Development of high power RF amplifier for low field magnetic resonance imaging applications	DST-IBC	Bhat,S.K., Dr. (M) Retired Col. Kaynes Technology India Private Limited No. 23-25, Metagalli, Belagola Mysore - 570 016 Karnataka	150.00	60
2414	Development of micro-nano zinc oxide based functional devices	DST-IBC	Vasa,N.J., Prof. (M) Indian Institute of Technology (Madras) Department of Engineering Design Chennai - 600 036 Tamil Nadu	5.53	24
2415	Development of multi stage fluid bed biomass gasification system	DST-IBC	Anbumalar,V., Dr. (M) Velammal College of Engineering & Technology Rameshwaram High Road, Viraganoor Madurai - 625 009 Tamil Nadu	17.20	36
2416	Development of new control schemes with optimal trajectory planning for a group of autonomous underwater robots in unknown environments	DST-IBC	Subudhi,B., Dr. (M) National Institute of Technology (Rourkela) Department of Electrical Engineering, Sector 1 Rourkela - 769 008 Odisha	20.19	36
2417	Development of space-borne SAR tomography techniques for forests	DST-IBC	Singh,G., Prof. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	10.80	36
2418	Development of the multifactorial computational models of the energetic materials combustion and detonation by means of data science methods	DST-IBC	Oommen,C., Dr. (F) Indian Institute of Science C.V. Raman Road Bengaluru - 560 012 Karnataka	22.18	24
2419	Development of ultrafast photo-functional material by femtosecond structural dynamics	DST-IBC	Sen,P., Prof. (M) Indian Institute of Technology (Kanpur) Department of Chemistry, Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	4.12	24
2420	Dynamic behaviour & low velocity transverse impact response of fluid-conveying functionally graded shells under mechanical & thermal loads	DST-IBC	Karmakar,A., Mr. (M) Associate Professor Jadavpur University Department of Mechanical Engineering, Jadavpur Kolkata - 700 032 West Bengal	5.06	24
2421	Dynamic response analysis for the installation of offshore hybrid concrete jacket based support structure for wind energy (Draconjack)	DST-IBC	Sriram,V., Dr. (M) Indian Institute of Technology (Madras) Department of Ocean Engineering Chennai - 600 036 Tamil Nadu	23.56	24
2422	Dynamics of nonlinear optical microactivities for on-chip quantum photonic applications	DST-IBC	Varshney,S.K., Mr. (M) Associate Professor Indian Institute of Technology (Kharagpur) Department of Electronics & Electrical Communication Engineering Kharagpur - 721 302 West Bengal	5.01	24
2423	Early stage coating growth study on different substrates influence of intermetallic phases	DST-IBC	Kumar,S., Prof. (M) Indian Institute of Science Department of Materials Engineering Bengaluru - 560 012 Karnataka	12.10	24
2424	Echo: Error Correcting codes in High performance communication systems through joint exploration of inference Algorithms and parallel architectures	DST-IBC	Purnaprajna,M., Mr. (F) Amrita Vishwa Vidyapeetham Kasavanahalli Bengaluru - 560 035 Karnataka	10.43	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2425	Electrospun nanofibers with embedded yolk-shell particles for catalytic applications	DST-IBC	Nandan,B., Dr. (M) Indian Institute of Technology (Delhi) Department of Textile Technology, Hauz Khas New Delhi - 110 016 Delhi	37.73	36
2426	Empower SSE: A linked open data frame-work for the empowerment of social and solidarity economy agents	DST-IBC	Dutta,A., Mr. (M) National Institute of Technology (Durgapur) Mahatma Gandhi Road Durgapur - 713 209 West Bengal	10.35	36
2427	Engineering novel electronic and magnetic states in pyrochlore iridates - multifunctional materials for next generation devices	DST-IBC	Majumdar,S., Prof. (M) Indian Association for the Cultivation of Science Jadavpur Kolkata - 700 032 West Bengal	25.44	36
2428	Estimation of transport properties of blood modeled as a fluid- particulate mixture from experimental and theoretical approaches	DST-IBC	Dalal,I.S., Mr. (M) Assistant Professor Indian Institute of Technology (Kanpur) Department of Chemical Engineering, Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	4.06	24
2429	Evaluation of the lightning attachment to different protection schemes	DST-IBC	Kumar,U., Dr. (M) Indian Institute of Science Depaartment of Electrical Engineering, C.V. Raman Road Bengaluru - 560 012 Karnataka	19.66	36
2430	Experimental & theoretical investigation of rate dependent bifurcation in the context of thermoacoustic instability	DST-IBC	Sujith,R.I., Prof. (M) Indian Institute of Technology (Madras) Department of Aerospace Engineering Chennai - 600 036 Tamil Nadu	5.75	24
2431	Fabrication & characterization of function polymeric matrix by click-chemistry for medical applications & 3D bioprinting	DST-IBC	Ghosh,S., Prof. (M) Indian Institute of Technology (Delhi) Department of Textile, Hauz Khas New Delhi - 110 016 Delhi	6.20	24
2432	Fire Fighting Hopper	DST-IBC	Swami,K.S., Mr. (M) Cast Craft Private Limited No. 49, Industrial Suburb, Yeashwanthpur Bengaluru - 560 022 Karnataka	45.00	24
2433	Fire Fighting Hopper	DST-IBC	Mookiaha,D., Mr. (M) Poeir Jets Private Limited 148/A, 1st Stage, Yeashwanthpur Bengaluru - 560 022 Karnataka	45.00	24
2434	Formal specification for secured software system	DST-IBC	Chaki,N., Prof. (M) Calcutta University Kolkata - 700 073 West Bengal	10.80	36
2435	Forming of automotive materials at elevated temperature and selection of lubricants for sustainable manufacturing	DST-IBC	Narayan,R.G., Dr. (M) Indian Institute of Technology (Guwahati) North, Amingaon Guwahati - 781 039 Assam	11.11	24
2436	From laboratory to conservation site	DST-IBC	Chatuvedi,A., Dr. (F) School of Planning & Architecture 4, Block B, Indraprashta Marg New Delhi - 110 002 Delhi	10.80	36
2437	Gas Metal Arc Additive Manufacturing (GMAAM) simulation & adaptive control	DST-IBC	Amitava,D., Dr. (F) Indian Institute of Technology (Bombay) Department of Mechanical Engineering, Powai Mumbai - 400 076 Maharashtra	9.31	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2438	Green hybrid unmanned aerial vehicle for societal applications	DST-IBC	Alam,M.P., Mr. (M) UCAL Fuel Systems Limited Anna Salaai Chennai - 600 002 Tamil Nadu	75.00	24
2439	Green hybrid unmanned aerial vehicle for societal applications	DST-IBC	Aravindan,P., Dr. (M) Dr. M.G.R. Educational & Research Institute Maduravoyal Chennai - 600 095 Tamil Nadu	75.00	24
2440	Hierarchical control of hybrid power system	DST-IBC	Maity,S., Dr. (M) National Institute of Technology (Rourkela) Research & Technology Centre of Energy, Sector 1 Rourkela - 769 608 Odisha	8.39	24
2441	How do neuronal variability and noise affect network computations	DST-IBC	Bhalla,U., Prof. (M) National Centre for Biological Sciences Tata Institute of Fundamental Research, Bellary Road Bengaluru - 560 097 Karnataka	33.18	24
2442	Identification & analysis of micro RNA involved in regulating heat stress responses in tomato	DST-IBC	Mishra,N.S., Dr. (F) International Centre for Genetic Engineering & Biotechnology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	6.30	24
2443	In-process monitoring of stamping process of a thin plate	DST-IBC	Tandon,P., Prof. (M) Indian Institute of Information Technology, Design & Manufacturing Department of Mechanical Engineering, Pandit Dwarka Prasad Mishra, Dumna Airport, P.O. Khamaria Jabalpur - 482 005 Madhya Pradesh	8.76	24
2444	Investigations on structural & thermos-mechanical behavior of the CU based shape memory alloy bi-morphs prepared by laser assisted manufacturing	DST-IBC	Palani,I.A., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	7.76	24
2445	IoT framework for modeling, monitoring & damage detection of natural & historical heritage structures	DST-IBC	Hariharan,B., Prof. (M) Amrita Vishwa Vidyapeetham Clappana, Vallikavu, P.O. Amritapuri Kollam - 690 525 Kerala	10.80	24
2446	Large-scale text analytics to identity temporal & medis-specific scopes of words	DST-IBC	Mukherjee,A., Dr. (M) Indian Institute of Technology (Kharagpur) Department of C.S.E. Kharagpur - 721 302 West Bengal	12.59	24
2447	Learning robotic motor skills, visual control and perception for warehouse automationation	DST-IBC	Behara,L., Prof. (M) Indian Institute of Technology (Kanpur) Kalyanpur Kanpur - 208 016 Uttar Pradesh	61.47	36
2448	Material development for non-toxic, affordable thermoelectric waste heat recovery	DST-IBC	Gupta,T.D., Dr. (M) Indian Institute of Technology (Bombay) Department of Metallurgical Engineering & Materials Science, Powai Mumbai - 400 076 Maharashtra	9.23	24
2449	Mechatronic variable speed drive transmission system	DST-IBC	Jindal,A., Dr. (M) Tata Motors Private Limited 688/2B, Nashik Highway Pune - 411 039 Maharashtra	150.00	60

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2450	Methanol fed high energy density fuel cell system with novel catalyst and flow field design	DST-IBC	Karthikeyan,P., Dr. (M) P.S.G. College of Technology Avinashi Road, Peelamedu Coimbatore - 641 004 Tamil Nadu	42.02	36
2451	Miniaturised particulate sensors for climate science	DST-IBC	Baghini,M.S., Prof. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	37.89	36
2452	Modelling implementation of free space optical transceiver for next generation optical communication application	DST-IBC	Jayani,V., Dr. (M) Malaviya National Institute of Technology (Jaipur) Department of Electronics & Communication Engineering, Malviya Nagar Jaipur - 302 017 Rajasthan	6.30	24
2453	Multi-scale modeling precipitation process in Al -Cu- Li alloys	DST-IBC	Gururajan,M.P., Mr. (M) Indian Institute of Technology (Bombay) Department of Metallurgical Engineering & Materials Sciences, Powai Mumbai - 400 076 Maharashtra	9.22	24
2454	Nano materials-RO antifouling membrane formulations for water desalination	DST-IBC	Chetty,R., Dr. (M) Indian Institute of Technology (Madras) Department of Chemical Engineering Chennai - 600 036 Tamil Nadu	6.30	24
2455	Nanostructured oxide based materials for thermoelectric applications	DST-IBC	Jeyanthinath,M., Dr. (M) Madurai Kamaraj University Department of Material Sciences, Palkalai Nagar Madurai - 625 021 Tamil Nadu	8.90	24
2456	Network science for urban bngineering	DST-IBC	Bardhan,R., Mr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	6.63	36
2457	Networked airborne base stations for disaster management	DST-IBC	Chidambaranathan,P.M., Prof. (M) National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	10.80	36
2458	New concept of greenhouse cooling system for warm climates	DST-IBC	Kulkarni,S.T., Mr. (M) Ester Industries Limited Sector 33-34, Plot No. 14 Gurgaon - 122 001 Haryana	75.00	36
2459	New concept of greenhouse cooling system for warm climates	DST-IBC	Nithyanandhan, Dr. (M) CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Ward No.8, Pashan Pune - 411 008 Maharashtra	75.00	36
2460	Nonlinear interaction between extreme waves and floating bodies with deformable str..52uctures	DST-IBC	Sriram,V., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	29.74	36
2461	Non-parametric smart sensing analytics based on large spectrum data and estimation of channel activity statistics	DST-IBC	Patel,D.K., Dr. (M) Ahmedabad University Navrangpura Ahmedabad - 380 009 Gujarat	29.69	36
2462	Novel computational methodologies for modelling and characterization of corrosion pitting and cracking in metallic structures	DST-IBC	Gopalakrishnan,S., Prof. (M) Indian Institute of Science C.V. Raman Road Bengaluru - 560 012 Karnataka	24.78	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2463	Novel methods of logic analysis and optimization for reconfigurable computer architectures	DST-IBC	Nandy,S.K., Dr. (M) Indian Institute of Science CAD Lab, Computayional & Data Science, C.V. Raman Road Bengaluru - 560 012 Karnataka	21.45	36
2464	On improving the security of biometric images	DST-IBC	Chaudhari,S., Prof. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	22.28	36
2465	Organic-inorganic hybrid mesoporous materials as carriers of anti-inflammatory drugs for controlled delivery systems	DST-IBC	Bhaumik,A., Prof. (M) Indian Association for the Cultivation of Science Department of Material Science, 2A & 2B, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	6.30	24
2466	Performance improvement in indoor Visible Light Communication (VLC) system using MIMO-OFDM based techniques	DST-IBC	Srivastava,A., Prof. (M) Indraprastha Institute of Information Technology Department of Electronics & Communication Engineering, Room No. A 302, Okhla Phase III New Delhi - 110 020 Delhi	6.30	24
2467	Performance of combined wave and wind energy multi-use platform	DST-IBC	Kramakar,D., Mr. (M) National Institute of Technology (Karnataka) Surathkal - 575 025 Karnataka	13.01	36
2468	Photonics-based advanced environment monitroing system for an enhanced prevention of landslide & structural failure risks-prevention	DST-IBC	Barman,A.D., Dr. (M) Calcutta University 87/1, College Street Kolkata - 700 073 West Bengal	26.56	36
2469	Probing the ligand binding & structural dynamics of an enigmatic human chemokine receptor, the D6R by NMR	DST-IBC	Shukla,A.K., Dr. (M) Indian Institute of Technology (Kanpur) Department of B.S.B.E. Kanpur - 208 016 Uttar Pradesh	29.28	36
2470	QoS provision for multigaigabit-supporting 5G wireless mobile networks	DST-IBC	De,S., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	7.58	36
2471	QoS provision for multigaigabit-supporting 5G wireless mobile networks	DST-IBC	Seo,J.B., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	7.58	36
2472	QoS-aware energy management scheme for self-sustainable data centers using renewable energy sources	DST-IBC	Kumar,N., Dr. (M) Thapar University Department of Computer Science & Engineering, Bhadson Road Patiala - 147 004 Punjab	14.95	24
2473	Real-time end-to-end text detection and recognition in the wild	DST-IBC	Pal,A.U., Dr. (M) Indian Statistical Institute Plot No, 203, BT Road, Dunlop Kolkata - 700 108 West Bengal	22.91	24
2474	Simulation & optimization of complex railway junctions'	DST-IBC	Rangaraj,N., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	5.75	24
2475	Strong and wear resistant SIC nano composites for efficient green transport engine systems	DST-IBC	Kumar,B.V.M., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	24.15	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2476	Study of non-collinear spin textures in asymmetric antiferromagnetic and ferromagnetic multilayer nanostructures with the dzyaloshinskii-moriya interaction enhanced by interface engineering	DST-IBC	Mohanty,J.R., Dr. (M) Indian Institute of Technology (Hyderabad) Near NH-65 Sangareddy - 502 285 Telangana	18.22	36
2477	Study of the process of deformation and fracture of structural materials in accordance with their multi-scale structural state to ensure strength, reliability durability and safety for high duty structures	DST-IBC	Kishen,J.M.C., Dr. (M) Indian Institute of Science C.V.Raman Road Bengaluru - 560 012 Karnataka	17.62	36
2478	Study of thermophysical properties of nanofluids and their flows for the design of new generation coolants for industrial applications	DST-IBC	Sathian,S.P., Dr. (M) Indian Institute of Technology (Madras) Department of Applied Mechanics Chennai - 600 036 Tamil Nadu	20.86	36
2479	Studying structure & chemistry within & at the interfaces of nano lamella in cold rolled TI-alloys using transmission electron microscopy to determine reason behind its superior strength	DST-IBC	Bhattacharyya,S., Mr. (M) Indian Institute of Technology (Madras) Department of Metallurgical & Materials Engineering Chennai - 600 036 Tamil Nadu	6.30	24
2480	Sustainable and economical functionally graded rubberized concrete pavements	DST-IBC	Chaudhary,S., Dr. (M) Malaviya National Institute of Technology (Jaipur) J.L.N. Marg, Malviya Nagar Jaipur - 302 017 Rajasthan	7.88	24
2481	Technologies and toolset for reliable control of production areas of internet of things	DST-IBC	Kallikote,S.R., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	60.23	12
2482	The phase structured coherent light beams for enhanced transmission	DST-IBC	Bingi,J., Dr. (M) Indian Institute of Information Technology, Design & Manufacturing Kurnool - 518 001 Andhra Pradesh	19.53	36
2483	Theoretical and experimental research of composite materials and structures behavior taking into account their manufacturing processes, intensive deformation and fracture	DST-IBC	Velmurugan,R., Prof. (M) Indian Institute of Technology (Madras) Department of Aerospace Engineering Chennai - 600 036 Tamil Nadu	21.70	36
2484	Tidal energy for sustainable village electricity supply in the Indian Sundarbans biosphere	DST-IBC	Bhaskaran,P.K., Prof. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	46.95	36
2485	Wireless sensor in-network distributed detection mechanisms for structural health monitoring in civil structures	DST-IBC	Pattanaik,K.K., Dr. (M) Atal Bihari Vajpayee-Indian Institute of Information Technology & Management Gwalior - 474 015 Madhya Pradesh	8.89	24
2486	A digital mini-spectacle for showcasing the glory of Hampi	DST-ICPS	Roy,S.D., Dr. (F) Associate Professor Indian Institute of Technology (Delhi) Foundation for Innovation and Technology Transfer, Hauz Khas New Delhi - 110 016 Delhi	125.26	12
2487	A digital mini-spectacle for showcasing the glory of Hampi	DST-ICPS	Mittal,A., Dr. (F) Sr. Principal Scientist CSIR-Central Building Research Institute Division of Structural Engineering Roorkee - 247 667 Uttarakhand	19.95	12

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2488	A digital mini-spectacle for showcasing the glory of Hampi	DST-ICPS	Vijay,U.T., Dr. (M) P.S. Officer Karnataka State Council for Science & Technology IIS Campus, C.V. Raman Road Bengaluru - 560 012 Karnataka	6.11	12
2489	A digital mini-spectacle for showcasing the glory of Hampi	DST-ICPS	Chaudhuri,P., Mr. (M) Associate Professor Indian Institute of Technology (Bombay) Department of Computer Science & Engineering, Powai Mumbai - 400 076 Maharashtra	9.26	12
2490	A digital mini-spectacle for showcasing the glory of Hampi	DST-ICPS	Rao,M., Dr. (F) Senior Faculty National Institute of Design Depaartment of IT Integrated Design, 12, HMT Link Road Bengaluru - 560 012 Karnataka	31.22	12
2491	Augmented realty interaction with physical models of monuments	DST-ICPS	Roy,S.D., Dr. (F) Associate Professor Indian Institute of Technology (Delhi) Foundation for Innovation and Technology Transfer, Hauz Khas New Delhi - 110 016 Delhi	113.92	6
2492	Augmented realty interaction with physical models of monuments	DST-ICPS	Gupta,H., Ms. (F) Scientist CSIR-Central Building Research Institute Division of Structural Engineering Roorkee - 247 667 Uttarakhand	6.05	6
2493	CFD model with well-validated reduced combustion kinetics for device-scale applications	DST-IMRC	Morajkar,P., Prof. (M) Goa University Taleigo Plateau - 403 206 Goa	53.98	36
2494	Holistic processes & practices for clean energy in strengthening bioeconomic strategies	DST-IMRC	Parameswaran,B., Dr. (M) CSIR-National Institute for Interdisciplinary Science & Technology Thiruvananthapuram - 695 019 Kerala	69.45	36
2495	Nano-engineered concrete for sustainable infrastructure	DST-IMRC	Singh,L.P., Dr. (M) CSIR-Central Building Research Institute Roorkee - 247 667 Uttarakhand	29.86	36
2496	Appropriate technology application for the development of Erumad SC community in Nilgiri district in Tamil Nadu	DST-SCSP	Athira,K.B., Ms. (F) Arshabharath Bahujana Bodhavatkarana Grama Vikasna Samithi Nathemukunj Wayanad - 673 577 Kerala	32.98	36
2497	Empowerment of Chemudulanka SC community through adoption of appropriate technologies & utilization of local resources in East Godavari district	DST-SCSP	Prasanth,K., Mr. (M) Society for Rural Agriculturists & Mass Awareness H.No. 4, 1, Alamurumandal, East Godavari - 533 234 Andhra Pradesh	27.46	36
2498	Empowerment of male & madiga schedule caste communities of Ragolapali & Thupakulagudem villages of West Godavari, Andhra Pradesh	DST-SCSP	Sasidhar,V., Mr. (M) Sameekarana, House No I-31-7/4, Kedakattla, Behind CWC Godowns, Tadepalligudem Godavari - 534 101 Andhra Pradesh	26.85	36
2499	Empowerment of the Sambava & Cherama communities of Kaivankala village in Kunnathukal panchayath, Neyyattinkara Taluk, Trivandrum District, Kerala	DST-SCSP	Anilkumar,S.M., Mr. (M) Fr. Neyyattinkara Integral Development Society Logos Pastoral Centre, San Jose Nagar, Vlangamuri, Neyyattinkara Thiruvananthapuram - 695 121 Kerala	18.95	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2500	Promotion of livelihood through micro enterprise activity for SC at Ramanagar district, through S&T intervention	DST-SCSP	Rukmini,K., Ms. (F) Mamatha Makkala Mandira Nagarbhavi 1st Stage, No. 2, 3rd Main, Kalyananagar Bengaluru - 560 072 Karnataka	28.18	36
2501	Promotion of livelihood through micro-enterprise activity for SC in Mayurbhanj district, through S&T intervention	DST-SCSP	Swain,S., Mr. (M) Human Development - Centre for Development Action & Research M-4, Samanth Vihar, P.O. Mancheswar Railway Colony Bhubaneswar - 751 017 Odisha	36.97	36
2502	S&T intervention in traditional craft of Chamba, Himachal Pradesh for the upliftment of SC population with special reference to vegetable tanned leather-Chamba chappal & allied products	DST-SCSP	Walia,J., Mr. (M) Executive Director Society for Technology & Development Malori, Post-Behna Mandi - 175 006 Himachal Pradesh	61.26	36
2503	Technological empowerment & sustainable livelihood of SC (artisans) of bell metal craft	DST-SCSP	Kar,G.K., Mr. (M) Secretary Basti Area Development Council P.O. Sovarampur Balasore - 756 001 Odisha	20.54	36
2504	Technology intervention for sustainable livelihood enhancement of Mahar SC community of Laumal village in Sambalpur district of Odisha	DST-SCSP	Panigrahi,A.K., Mr. (M) Social Action for Rural Community Sairam Nivas, Behind Nari Seva Sadan Sambalpur - 768 001 Odisha	20.14	36
2505	Acoustic emission based online wireless wear monitoring system	DST-SERB-CRG	Mallisetty,P.K., Dr. (M) CSIR-Central Mechanical Engineering Research Institute Durgapur - 713 209 West Bengal	23.40	36
2506	Adaptive MPPT of gird-tied photovoltaic system using magnetically coupled impedance source inverters	DST-SERB-CRG	Jena,D., Dr. (M) National Institute of Technology (Karnataka) Department of Electrical & Electronics Engineering, Surathkal Mangalore - 575 025 Karnataka	24.37	36
2507	Advanced adaptive filtering for estimation & tracking of sparse signals & systems	DST-SERB-CRG	Chakraborty,M., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	22.50	36
2508	An early warning system for electrical power system utility using ultra-high frequency sensors	DST-SERB-CRG	Koley,C., Dr. (M) National Institute of Technology (Durgapur) Department of Electrical Engineering, M G Road Durgapur - 713 209 West Bengal	38.63	36
2509	An ultrasensitive detection of anandamide, a neurotransmitter, through molecularly imprinted polymer modified glassy carbon electrode	DST-SERB-CRG	Chauhan,N., Dr. (F) Amity University Sector 125, Gautam Budha Nagar Noida - 201 303 Uttar Pradesh	32.40	36
2510	Analysis of high temperature formability of titanium alloys under optimized tribiological condition at elevated temperature for aeronautical products application	DST-SERB-CRG	Shukla,A.K., Dr. (M) St. Martin's Engineering College Secunderabad - 500 014 Telangana	21.46	36
2511	Analyzing the implications of competition in biological systems	DST-SERB-CRG	Gadgil,C.J., Dr. (M) CSIR-National Chemical Laboratory Division of Chemical Engineering, Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	21.69	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2512	Automatic multilingual speaker profiling & forensics	DST-SERB-CRG	Vijayasenan,D., Dr. (M) National Institute of Technology (Karnataka) Surthkal Mangalore - 575 025 Karnataka	49.94	36
2513	Automatic paper machines for ultra-sensitive point-of-care immunoassays	DST-SERB-CRG	Toley,B.S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	47.74	36
2514	Behaviour of external beam-column joint retrofitted using confined UHP-HFRC	DST-SERB-CRG	Bansal,P.P., Dr. (M) Thapar University Patiala - 147 004 Punjab	87.47	36
2515	Blending boron with fireworks composition to minimize hazardous nature: Making safe fireworks	DST-SERB-CRG	Azhaguarajan,A., Dr. (M) Associate Professor Mepco Schlenk Engineering College Department of Mechanical Engineering, Mepco Nagar Sivakasi - 626 005 Tamil Nadu	16.55	36
2516	CARTRAC: Coll Abo Rative Trusted Anonymous Communication in vehicular networks	DST-SERB-CRG	Parthiban,A., Dr. (M) National Institute of Technology (Puducherry) Puducherry - 609 609 Puducherry	44.77	36
2517	Characterization & identification of dialects in the Kannada language	DST-SERB-CRG	Koolagudi,S.G., Dr. (M) National Institute of Technology (Karnataka) Department of Computer Science Engineering Surathkal - 575 025 Karnataka	37.91	36
2518	Characterization of a novel injector configuration for spray & combustion diagnostics in supersonic flow environments	DST-SERB-CRG	Iyenger,V.S., Dr. (M) Principal Scientist CSIR-National Aerospace Laboratories Division of Propulsion Bengaluru - 560 037 Karnataka	43.04	36
2519	Climbing with support: Scaling volcano in electrocatalytic oxygen-evolution, chlorine-evolution & CO2 reduction reactions	DST-SERB-CRG	Pala,R.G., Dr. (M) Indian Institute of Technology (Kanpur) Depaartment of Chemical Engineering, Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	78.73	36
2520	Combinatorial synthesis of mixed oxides of lutetium oxide doped with europium thin films for optoelectronics	DST-SERB-CRG	Roy,S., Dr. (F) Kalinga Institute of Industrial Technology University Bhubaneswar - 751 024 Odisha	21.71	36
2521	Compiling poly marge domain-specific language for emerging parallel architectures	DST-SERB-CRG	Reddy,U.K., Dr. (M) Indian Institute of Science Department of Computer Science Engineering Bengaluru - 560 012 Karnataka	79.79	36
2522	Condition assessment of high voltage insulation in dry type equipment using modified dielectric response analysis	DST-SERB-CRG	Chatterjee,B., Dr. (M) Jadavpur University Department of Electrical Engineering, 188, Raja S.C. Mallick Road, Jadavpur Kolkata - 700 032 West Bengal	38.62	36
2523	Contact mechanics of soft & thin adhesive structures	DST-SERB-CRG	Das,S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	46.44	36
2524	Conversion of waste plastic into value added products	DST-SERB-CRG	Mahato,M., Dr. (M) North-Eastern Hill University Shillong - 793 022 Meghalaya	7.55	24
2525	Customized bioactive composite bone scaffold with controlled microstructure	DST-SERB-CRG	Ghosh,S.,B., Dr. (M) Manipal University Jaipur - 303 007 Rajasthan	32.85	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2526	Deciphering evolution of antibiotic resistance in Mycobacteria using a systems approach	DST-SERB-CRG	Mehra,S., Dr. (F) Indian Institute of Technology (Bombay) Department of Chemical Engineering, Powai Mumbai - 400 076 Maharashtra	55.62	36
2527	Design & development of a three-link rigid-flexible manipulator for high speed operations	DST-SERB-CRG	Singla,A., Dr. (M) Thapar University Department of Mechanical Engineering Patiala - 147 004 Punjab	64.12	36
2528	Design & development of an inductive miniature sensor for RRR & thickness measurement of RF cavities	DST-SERB-CRG	Karunanithi,R., Dr. (M) Indian Institute of Science Centre for Cryogenic Technology Bengaluru - 560 012 Karnataka	59.26	24
2529	Design & development of biodegradable Mg alloy implants for orthopedic application	DST-SERB-CRG	Batra,U., Dr. (F) Punjab Engineering College University of Technology Department of Materials & Metallurgical Engineering, Vidya Path, Sector 12 Chandigarh - 160 012 Chandigarh	77.40	36
2530	Design & development of cascaded quasi Z source multieval inverter for grid connected photovoltaic system	DST-SERB-CRG	Veeramraju,S.T., Dr. (M) National Institute of Technology (Warangal) Department of Electrical Engineering, Hanamkonda Warangal - 506 004 Telangana	41.10	36
2531	Design & development of digital protection for power transformer	DST-SERB-CRG	Chothani,N.G., Dr. (M) A.D. Patel Institute of Technology Vallabh Vidyanagar - 388 121 Gujarat	23.87	36
2532	Design & development of low cost Micro Electro-Chemical Discharge Machining (U-ECDM) for non conductive materials	DST-SERB-CRG	Singh,S., Dr. (M) Punjab Engineering College University of Technology Vidya Path, Sector 12 Chandigarh - 160 012 Chandigarh	10.21	36
2533	Design & development of NiTi shape memory alloy Bi-morph drive for waste thermal heat energy recovery system	DST-SERB-CRG	Ia,P., Dr. (F) Associate Professor Indian Institute of Technology (Indore) Mechatronics & Instrumentation Lab., Khandwa Road, Simrol Indore - 452 011 Madhya Pradesh	42.06	36
2534	Design & development of novel two & three dimensional oscillating heat pipes with connected headers for space applications	DST-SERB-CRG	Moharana,M.K., Dr. (M) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	28.83	36
2535	Design & development of solar assisted solid desiccant air conditioning system for India	DST-SERB-CRG	Yadav,A., Dr. (M) National Institute of Technology (Kurukshetra) Kurukshetra - 136 119 Haryana	22.67	36
2536	Design & development of tunable Film Bulk Acoustic wave Resonators (FBAR) & filters	DST-SERB-CRG	Singh,J., Dr. (M) CSIR-Central Electronics Engineering Research Institute Pilani - 333 031 Rajasthan	58.37	36
2537	Design & implementation of parallel Algorithms & associated systems for dynamic graphs	DST-SERB-CRG	Kothapalli,K., Dr. (M) International Institute of Information Technology Prof C.R.Rao Road, Gachibowli Hyderabad - 500 032 Telangana	33.95	36
2538	Design & implementation of single phase microgrid using renewable energy sources	DST-SERB-CRG	Kalla,U.K., Dr. (M) Government Engineering College Bikaner - 334 004 Rajasthan	63.00	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2539	Design of software defined control plane for Optical Burst Switched (OBS) wavelength division multiplexing networks	DST-SERB-CRG	Turuk,A.K., Dr. (M) Associate Professor National Institute of Technology (Rourkela) Department of Computer Science & Engineering Rourkela - 769 008 Odisha	26.06	36
2540	Design, fabrication & characterization of nanoparticle-based photonic elements	DST-SERB-CRG	Gupta,S., Dr. (F) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	77.04	36
2541	Detection of partial blockage in a pipeline	DST-SERB-CRG	Mohapatra,P.K., Dr. (M) Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 424 Gujarat	21.85	36
2542	Development & configuration optimization towards high performance single chamber solid oxide fuel cell with hybrid perovsite electrolytes	DST-SERB-CRG	Babu,S.K., Dr. (M) Assistant Professor Pondicherry University Centre for Nanoscience & Technology, R.V Nagar Puducherry - 605 014 Puducherry	50.88	36
2543	Development & testing of hybrid solar Photovoltaic Thermal (PVT) air system for the composite environment of north-east India for tea drying applications	DST-SERB-CRG	Das,B., Dr. (M) National Institute of Technology (Silchar) Department of Mechanical Engineering Silchar - 788 010 Assam	30.03	36
2544	Development & thermal analysis of non-azide gas generating compositions for automotive airbag systems	DST-SERB-CRG	Sivapirakasam,S.P., Dr. (M) National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	17.07	36
2545	Development of a high efficiency single phase quasi-Z-source based isolated DC/AC converter for PV applications	DST-SERB-CRG	Annamalai,K., Dr. (M) National Institute of Technology (Warangal) Hamamkonda Warangal - 506 004 Telangana	33.37	36
2546	Development of a new shape-stable phase change material for heat transfer intensification in latent heat thermal energy storage systems	DST-SERB-CRG	Rajan,K.S., Dr. (M) SASTRA University Thanjavur - 613 401 Tamil Nadu	57.13	36
2547	Development of a pulsed flow packet bed electrochemical reactor for heavy metals removal from groundwater & wastewater	DST-SERB-CRG	Rangarajan,M., Dr. (M) Amrita Vishwa Vidyapeetham Coimbatore - 641 112 Tamil Nadu	37.25	36
2548	Development of bessel beam based fiber optic biosensor for early detection of breast cancer	DST-SERB-CRG	Saha,A., Dr. (M) National Institute of Technology (Agartala) Agartala - 799 046 Tripura	63.91	36
2549	Development of cutting tool inserts superimposed with WS2 based nano-composite solid lubricant coatings for dry machining of Ti-6Al-4V alloys	DST-SERB-CRG	Badhirappan,G.P., Dr. (F) P.S.G. Institute of Advanced Studies Nanotech Research Innovation & Incubation Centre, Post Box 1609 Avinashi Road, Peelamedu Coimbatore - 641 004 Tamil Nadu	46.46	36
2550	Development of efficient Vanadium Redox Flow Battery (VRFB) using assisted inner-sphere electron transfer & higher state-of-charge management	DST-SERB-CRG	Verma,A., Dr. (M) Indian Institute of Technology (Delhi) Department of Chemical Engineering, Hauz Khas New Delhi - 110 016 Delhi	46.12	36
2551	Development of engine controller & combusion chamber for multi-fuel gas operated spark ignition engine	DST-SERB-CRG	Porpatham,E., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	23.99	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2552	Development of experimental research facility to improve the performance of cold storage	DST-SERB-CRG	Aharwal,K.R., Dr. (M) Maulana Azad National Institute of Technology (Bhopal) Department of Mechanical Engineering Bhopal - 462 051 Madhya Pradesh	19.31	36
2553	Development of full-field polarization-sensitive optical coherence tomography for soft biological tissue	DST-SERB-CRG	Srivastava,V., Dr. (M) Thapar University Patiala - 147 004 Punjab	35.92	36
2554	Development of functionally graded bioglass ceramic scaffold for bone tissue engineering	DST-SERB-CRG	Pal,S.K., Dr. (M) National Institute of Technology (Rourkela) Department of Ceramic Engineering Rourkela - 769 008 Odisha	78.60	36
2555	Development of high efficiency p-type Mg2Si based materials & its contacting technology for thermoelectric power generation	DST-SERB-CRG	Dasgupta,T., Dr. (M) Indian Institute of Technology (Bombay) Department of Metallurgical Engineering & Materials Science, Powai Mumbai - 400 076 Maharashtra	66.13	36
2556	Development of high energy density rare earth free MnBi & FeCo/Cu coreshell exchange spring coupled permanent magnet	DST-SERB-CRG	Basumallick,A., Dr. (M) Indian Institute of Engineering Science & Technology P.O. Botanic Garden, Shibpur Howrah - 711 103 West Bengal	64.11	36
2557	Development of high throughput solar distillation unit suitable for production of potable water from seawater in households of coastal region & islands	DST-SERB-CRG	Maiti,S., Dr. (F) CSIR-Central Salt & Marine Chemicals Research Institute Bhavnagar - 364 021 Gujarat	34.93	36
2558	Development of indigenous technology for CZTS (Cu2ZnSnS4) absorber based solar cell using industry friendly magnetron sputtering & RTP (Rapid Thermal Processing) sulfurization process	DST-SERB-CRG	Mukherjee,S., Dr. (M) Institute of Plasma Research Gandhinagar - 382 027 Gujarat	77.15	36
2559	Development of integrable, electronically tunable fractional-order capacitance (Fractance) & its applications	DST-SERB-CRG	Khanday,F.A., Dr. (M) Kashmir University Srinagar - 190 006 Jammu & Kashmir	53.95	36
2560	Development of liquid metal processing route for closed cell magnesium foam	DST-SERB-CRG	Goarke,V.K., Dr. (M) S.R.M. University SRM Research Institute Kattankulathur - 603 203 Tamil Nadu	66.07	36
2561	Development of low cost oxidation catalysts for diesel exhaust emission control	DST-SERB-CRG	Labhsetwar,N.K., Dr. (M) CSIR-National Environmental Engineering Research Institute Nehru Marg Nagpur - 440 020 Maharashtra	30.74	36
2562	Development of low cost oxidation catalysts for diesel exhaust emission control	DST-SERB-CRG	Labhsetwar,N.K., Dr. (M) CSIR-National Environmental Engineering Research Institute Neeri Nehru Marg, Vasant Nagar Nagpur - 440 020 Maharashtra	30.74	36
2563	Development of low voltage, high sensitivity organic photosensitive transistors for near infrared light sensors	DST-SERB-CRG	Singh,V., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 452 011 Madhya Pradesh	49.10	36
2564	Development of microwave processed cavitation erosion resistant cladding	DST-SERB-CRG	Gupta,D., Dr. (M) Thapar University Patiala - 147 004 Punjab	17.16	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2565	Development of nano NTC composition based sub millimeter sized thermal sensors for low temperature applications	DST-SERB-CRG	Seema,A., Dr. (F) Centre for Materials for Electronics Technology (C-MET) Thrissur - 680 011 Kerala	47.37	36
2566	Development of nanoporous geopolymeric catalysts for industrially relevant liquid-phase reactions	DST-SERB-CRG	Deshpande,P.A., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Chemical Engineering Kharagpur - 721 302 West Bengal	60.71	36
2567	Development of NASICON framework cathode for all-solid-state Na-ion battery	DST-SERB-CRG	Omar,S., Dr. (M) Indian Institute of Technology (Kanpur) Department of Materials Science & Engineering, Faculty Building 412 Kanpur - 208 016 Uttar Pradesh	77.12	36
2568	Development of non-invasive medical diagnostic methods with nanocluster deposited films as active substrates for surface enhanced Raman spectroscopy	DST-SERB-CRG	Ammanabrolu,R., Dr. (M) Hyderabad University Hyderabad - 500 046 Telangana	77.85	36
2569	Development of novel perovskite materials as a suitable candidate for soot oxidation	DST-SERB-CRG	Dasari,H., Dr. (F) Manipal University Department of Chemical Engineering Manipal - 576 104 Karnataka	65.90	36
2570	Development of novel robust speech bandwidth extension Algorithms for high-definition telephony	DST-SERB-CRG	Kumar,K.T., Dr. (M) Associate Professor National Institute of Technology (Warangal) Department of E.C.E., Hanamkonda Warangal - 506 004 Telangana	23.36	36
2571	Development of one-shot integrated thick sectioned composite parts using semi-cured composite laminates	DST-SERB-CRG	Kuppusamy,R., Dr. (M) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	27.84	36
2572	Development of suitable material for visible light induced photocatalytic hydrogen production from industrial wastewater	DST-SERB-CRG	Mohapatra,P., Dr. (M) C.V. Raman College of Engineering Bhubaneswar - 752 054 Odisha	17.49	36
2573	Development of suitable material for visible light induced photocatalytic hydrogen production from industrial wastewater	DST-SERB-CRG	Baral,S.S., Dr. (M) Birla Institute of Technology & Science (Pilani) Department of Chemical Engineering Zuarinagar - 403 726 Goa	53.32	36
2574	Development of ZnO - based Heterostructures for HEMT applications	DST-SERB-CRG	Mukherjee,S., Dr. (M) Indian Institute of Technology (Indore) Department of Electrical Engineering, Khandwa Road, Simrol Indore - 452 011 Madhya Pradesh	67.59	36
2575	Direct Numerical Simulation (DNS) & Large-Eddy Simulation (LES) of compressible turbulent flow of nozzles & diffusers	DST-SERB-CRG	Ghosh,S., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Aerospace Engineering Kharagpur - 721 302 West Bengal	48.25	36
2576	Downstream processing of erythromycin using a new phase separation method	DST-SERB-CRG	Dhamole,P.B., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) Department of Chemical Engineering Nagpur - 440 010 Maharashtra	24.14	36
2577	Droplet deposition on a solid surface: Towards engineering dewetted surfaces, improving interfacial heat transfer & controlling colloidal deposits	DST-SERB-CRG	Bhardwaj,R., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	53.25	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2578	Durable non-fluorinated functional textiles using fumed silica sols	DST-SERB-CRG	Kutuva,P.H., Dr. (M) The South India Textile Research Association 13/37, Avinashi Road, Nehru Nagar Coimbatore - 641 014 Tamil Nadu	17.60	24
2579	Effect of bi-scaled surface roughness on the transition of a separated boundary layer over a semi-circular leading-edge flat plate: An experimental investigation	DST-SERB-CRG	Kaliyaraju,A., Dr. (M) SASTRA University Trichy-Tanjore Road, Thirumalaisamudran Thanjavur - 613 401 Tamil Nadu	31.13	36
2580	Effect of crystallographic texture on fracture behaviour of titanium & Ti6Al4V using digital image correlation & electron backscatter diffraction	DST-SERB-CRG	Gurao,N.P., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	82.14	36
2581	Effect of electromechanical forces on domain evolution in ferroelectric & multiferroic thin films: Phase-field modeling & simualations	DST-SERB-CRG	Bhattacharya,S., Dr. (M) Indian Institute of Technology (Hyderabad) Sangareddy - 502 205 Telangana	54.84	36
2582	Effective utilization of silicate rocks	DST-SERB-CRG	Dhawan,N., Dr. (M) Indian Institute of Technology (Roorkee) Department of Metallurgical Engineering Roorkee - 247 667 Uttarakhand	30.26	36
2583	Electroosmotic pump based Insulin pump for Diabetes management	DST-SERB-CRG	Nagarale,R.K., Dr. (M) CSIR-Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg Bhavnagar - 364 002 Gujarat	51.54	36
2584	Electroreduction of carbon dioxide to ethanol using nanostructured copper-based electrocatalysts	DST-SERB-CRG	Bhunia,H., Dr. (M) Thapar University Department of Chemical Engineering Patiala - 147 004 Punjab	39.61	36
2585	Emulsification - A promising approach for utilizing biodiesel fuels in automotive engines	DST-SERB-CRG	Krishnasamy,A., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	65.30	36
2586	Energy-delay tradeoffs in distributed wireless networks	DST-SERB-CRG	Pillai,S.B., Dr. (M) Indian Institute of Technology (Bombay) Department of Electrical Engineering, Powai Mumbai - 400 076 Maharashtra	23.57	36
2587	Engineering aspects of methanol & carbon-di-oxide conversion to dimethyl carbonate	DST-SERB-CRG	Srivastava,V.C., Dr. (M) Indian Institute of Technology (Roorkee) Department of Chemical Engineering Roorkee - 247 667 Uttarakhand	51.92	36
2588	Estimation of thermal boundary conditions for a cylindrical tube heat exchanger using efficient inverse heat transfer techniques	DST-SERB-CRG	Parwani,A.K., Dr. (M) Institute of Infrastructure Technology Research & Management Khokhara Circle, Maninagar (East) Ahmedabad - 380 026 Gujarat	20.04	36
2589	Evaluation of the role of Vitmamin D in obesity, Cardiovascular disease & Diabetes using SiOx/TiO2 nanowire based sensor	DST-SERB-CRG	Mondal,A., Dr. (M) National Institute of Technology (Durgapur) Department of Physics, Mahatma Gandhi Road, A-Zone Durgapur - 713 209 West Bengal	48.64	36
2590	Experimental & numerical investigation of double jet-on-jet impinging atomizer	DST-SERB-CRG	Banerjee,R., Dr. (M) Indian Institute of Technology (Hyderabad) Sangareddy - 502 205 Telangana	24.19	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2591	Experimental investigations & modelling of ultrasonic jet electrodeposition & machining for micro part fabrication	DST-SERB-CRG	Rajput,M.S., Dr. (M) National Institute of Technology (Raipur) Raipur - 429 010 Chhattisgarh	31.05	36
2592	Exploration on computational for polynomials related to Arthmetic circuit complexity	DST-SERB-CRG	Rao,R.B.V., Dr. (M) Indian Institute of Technology (Madras) Department of Computer Science & Engineering Chennai - 600 036 Tamil Nadu	21.85	36
2593	Fabrication & finishing of micro-channels for micro-heat exchangers & microreactors	DST-SERB-CRG	Mali,H.S., Dr. (M) Malaviya National Institute of Technology (Jaipur) Jaipur - 302 017 Rajasthan	42.28	36
2594	Fabrication of silicon nitride cermics & its grinding performance improvement	DST-SERB-CRG	Aravindan,S., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	36.56	36
2595	Flow of complex fluids in constricted & parallel microchannels	DST-SERB-CRG	Atta,A., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Chemical Engineering Kharagpur - 721 302 West Bengal	31.35	36
2596	Graphene based transduction scheme for nanoelectromechanical system	DST-SERB-CRG	Naik,A., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	65.27	36
2597	Green materials for clean environment: Green synthesis of iron based nano materials using food wastes for antibiotic removal from water	DST-SERB-CRG	Mukherjee,A., Dr. (M) Vellore Institute of Technology University Centre for Nanobiotechnology Vellore - 632 014 Tamil Nadu	46.67	36
2598	High hydrostatic pressure induced cold extraction & encapsulation of bioactive components into reconstituted Aloe Vera hydrogel	DST-SERB-CRG	Rao,P.S., Dr. (M) Indian Institute of Technology (Kharagpur) Department of Agricultural & Food Engineering Kharagpur - 721 302 West Bengal	46.62	36
2599	High-compact very large mode-area hybrid multi-trench optical fiber for high-power industrial lasing applications	DST-SERB-CRG	Thavasi,R.G., Dr. (M) National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	20.89	36
2600	High-fidelity numberical simulation of a model scramjet combustor & detailed comparison with inflow measurements at NCCRD	DST-SERB-CRG	Sinha,K., Dr. (M) Indian Institute of Technology (Bombay) Department of Aerospace Engineering, Powai Mumbai - 400 076 Maharashtra	13.72	36
2601	Human-driven full-size 4WS4WD electric vehicle	DST-SERB-CRG	Potluri,R., Dr. (M) Indian Institute of Technology (Kanpur) Department of Electrical Engineering, Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	63.85	36
2602	Hydraulic model study of flow dynamics & bed morphology evolution of the Gumti river of Tripura at the Pitra-Ganga confluence	DST-SERB-CRG	Biswal,S.K., Dr. (M) Assistant Professor National Institute of Technology (Agartala) Department of Civil Enginering Agartala - 799 046 Tripura	31.43	36
2603	Identification & validation of potential drug targets for infectious diseases using in silico & wet lab methods	DST-SERB-CRG	Thomas,S., Dr. (F) ICMR-National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	35.38	36
2604	Improved Design perspective for violent Wave Impacts during extreme natural disaster events (IDWavImp)	DST-SERB-CRG	Sriram,V., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	43.27	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2605	In-situ electron microscopy at atomic scale for understanding nucleation, growth & interfaces of omega phase	DST-SERB-CRG	Basu,J., Dr. (M) Indian Institute of Technology (BHU) Department of Metallurgical Engineering Varanasi - 221 005 Uttar Pradesh	65.85	36
2606	In-situ experimental & numerical studies of abnormal grain growth & twinning during annealing of cold worked nickel	DST-SERB-CRG	Vadlamani,S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	82.59	36
2607	Investigation of dielectric properties towards assessment of cross-linked Polyethylene (XLPE) cable insulation using dielectric response analysis	DST-SERB-CRG	Das,S., Dr. (M) National Institute of Technology (Meghalaya) Department of Electrical Engineering Shillong - 793 003 Meghalaya	32.40	36
2608	Investigation of transition metal dichalcogenides based thin film transitrors for ultra sensitive nanomechanical bio/chemical sensor	DST-SERB-CRG	Seena,V., Dr. (F) Assistant Professor Indian Institute of Space Science & Technology Department of Avionics, Valiamala Thiruvananthapuram - 695 547 Kerala	79.24	36
2609	Investigations on a novel stacked minichannel heat sink using efficient coolants	DST-SERB-CRG	Mehta,H.B., Dr. (M) Sardar Vallabhbhai National Institute of Technology (Surat) Surat - 395 007 Gujarat	24.48	36
2610	Investigations on multi-level converter interfaced Bi-polar DC micro-grids with adaptive centralized energy management system	DST-SERB-CRG	Srinivasan,S.R., Dr. (M) Associate Professor National Institute of Technology (Warangal) Department of Electrical Engineering, Hanamkonda Warangal - 506 004 Telangana	54.80	36
2611	Knowledge-rich deep models for optimization	DST-SERB-CRG	Srinivasan,A., Dr. (M) Birla Institute of Technology & Science (Pilani) NH-17, Bypass Road, Sancoale Zuarinagar - 403 726 Goa	22.50	36
2612	Low disspative positivity preserving grid-free solver for Euler equation	DST-SERB-CRG	Misra,S., Dr. (M) National Institute of Science & Technology Institute Park, Pallur Hills Berhampur - 761 008 Odisha	11.05	24
2613	Low-cost, nano-intermetallic/alloy catalysts as promising alternative to expensive platinum catalyst for fuel cells	DST-SERB-CRG	Saravanan,G., Dr. (M) CSIR-National Environmental Engineering Research Institute Nehru Marg, Vasant Nagar Nagpur - 440 020 Maharashtra	51.15	36
2614	Manipulation of structure, composition & properties of CuO cermics & thin films to achieve near room temperature multiferroism for device applications	DST-SERB-CRG	Garg,A., Dr. (M) Indian Institute of Technology (Kanpur) Department of Materials Science & Engineering Kanpur - 208 016 Uttar Pradesh	77.09	36
2615	Mapping saturated hydraulic conductivity & water retention relationship of Gambhar watershed (Himachal Pradesh)	DST-SERB-CRG	Kumar,K., Dr. (M) Punjab Engineering College University of Technology Vidya Path, Sector 12 Chandigarh - 160 012 Chandigarh	22.71	36
2616	Mathematicsl modeling of a common-rail direct-injection diesel engine & its after treatment for BS-VI emission norms	DST-SERB-CRG	Mittal,M., Dr. (M) Indian Institute of Technology (Madras) Department of Mechanical Engineering Chennai - 600 036 Tamil Nadu	20.57	24
2617	Mechanistic understanding of silk fibroin - sophorolipid hydrogels & their applications in bioengineering	DST-SERB-CRG	Nisal,A., Dr. (F) CSIR-National Chemical Laboratory Dr Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	34.23	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2618	Medical thermography & gas discharge visualization technique: A diagnostic approach for Type 2 Diabetes based on non-contact infrared thermal imaging & electro-photonic imaging: Multicentric study	DST-SERB-CRG	Bhargav,H., Dr. (M) National Institute of Mental Health & Neuro Sciences Bengaluru - 560 029 Karnataka	87.50	36
2619	Medical thermography & gas discharge visulization technique: A diagnostic approach for Type 2 Diabetes based on non contact infrated thermal imaging & electro photonic imaging: A multicentric study	DST-SERB-CRG	Gupta,S.K., Dr. (M) Sanjay Gandhi P.G. Institute of Medical Sciences Department of Endocrinology, Raebareli Road Lucknow - 226 014 Uttar Pradesh	87.85	36
2620	Metal-rganic framework for solar rechargeable battery	DST-SERB-CRG	Chandiran,A., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	65.88	36
2621	Micromechanisms of deformation & development of processing map for novel single & multiphase high entropy alloys	DST-SERB-CRG	Biswas,K., Dr. (M) Indian Institute of Technology (Kanpur) Department of Materials Science & Engineering Kanpur - 208 016 Uttar Pradesh	85.76	36
2622	Minimal residual disease estimation in multiple Myeloma using image processing: Design & development of Myeloma imager-An automated computer assisted tool	DST-SERB-CRG	Gupta,A., Dr. (F) Indraprastha Institute of Information Technology New Delhi - 110 020 Delhi	43.12	36
2623	Minimum phase HRTF modeling usig FBS interpolation in spherical harmonic domain for spatial auto systems	DST-SERB-CRG	Hegde,R.M., Dr. (M) Indian Institute of Technology (Kanpur) Department of Electrical Engineering, Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	34.32	24
2624	Molecular separation membranes via controlled moulding of polymer nanofilms at the liquid-liquid interface	DST-SERB-CRG	Karan,S., Dr. (M) CSIR-Central Salt & Marine Chemicals Research Institute Bhavnagar - 364 021 Gujarat	36.41	36
2625	Multi lingual analytics for camera based handheld devices	DST-SERB-CRG	Sarkar,R., Dr. (M) Jadavpur University Department of Computer Science & Engineering, 188, Raja S.C. Mallick Road, Jadavpur Kolkata - 700 032 West Bengal	25.96	36
2626	Multicomponent entropy stabilized oxides: Synthesis, processing & characterization of a new class of ceramic materials	DST-SERB-CRG	Gandhi,A.S., Dr. (M) Indian Institute of Technology (Bombay) Department of Metallurgical Engineering & Materials Science, Powai Mumbai - 400 076 Maharashtra	63.62	36
2627	Multiphase (six phase) matrix converter for traction	DST-SERB-CRG	Aware,M.V., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) South Amvazari Road Nagpur - 440 010 Maharashtra	42.24	36
2628	Nanohybrids for hydrogen storage	DST-SERB-CRG	Subramaniam,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	54.79	36
2629	Nanostructured Metallic Thin Fims (NMTF) for sensing & energy conversion	DST-SERB-CRG	Santhanam,V., Dr. (M) Indian Institute of Science Department of Chemical Engineering Bengaluru - 560 012 Karnataka	49.65	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2630	Non-destructive, atomically resolved off-stoichiometry determination within nanostructures using intensity distribution of Scanning Transmission Electron Microscopic (STEM) images	DST-SERB-CRG	Bhattacharya,S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	33.22	36
2631	Nonlinear dynamic analysis of functionally graded carbon nanotubes reinforced composite laminates using refined shear deformation theory	DST-SERB-CRG	Kumar,A., Dr. (M) National Institute of Technology (Patna) Department of Civil Engineering Patna - 800 005 Bihar	7.70	36
2632	Optimal coverage control with mobile robots	DST-SERB-CRG	Srikant,S., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	27.24	36
2633	Oxide mixtures as heat transfer fluids in concentrating solar power plants	DST-SERB-CRG	Muhmood,L., Dr. (M) K.J. Somaiya College of Engineering Mumbai - 400 077 Maharashtra	32.52	36
2634	Performance evaluation of visual therapy method used for Cerebral Palsy rehabilitation	DST-SERB-CRG	Arokia,R.J., Dr. (M) Jeppiaar Engineering College Chennai - 600 119 Tamil Nadu	8.81	24
2635	Phase & exposed facets controlled solution-based synthesis of nanostructured materials for catalytic & photocatalytic applications	DST-SERB-CRG	Pradhan,D., Dr. (M) Indian Institute of Technology (Kharagpur) Materials Science Centre Kharagpur - 721 302 West Bengal	48.80	36
2636	Photo-stabilization of wood surfaces & coatings with nanoscale UV absorbers	DST-SERB-CRG	Pandey,K.K., Dr. (M) Institute of Wood Science & Technology Bengaluru - 560 003 Karnataka	35.32	36
2637	Polymer fiber addition to multi-scale glass fiber reinforced clay epoxy nanocomposites for improved impact strength	DST-SERB-CRG	Mehta,R., Dr. (M) Thapar University Department of Chemical Engineering Patiala - 147 004 Punjab	28.92	36
2638	Printed organic/inorganic hybrid field-effect transistors & logics with superior mechanical reliability	DST-SERB-CRG	Dasgupta,S., Dr. (M) Indian Institute of Science 27, Dhakuria East Road Bengaluru - 560 012 Karnataka	86.79	36
2639	Process development for production of Janus nanoparticles for selected catalytic reactions	DST-SERB-CRG	Sonawane,S.H., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	20.88	36
2640	Production of branched chain fatty acid enriched lipid as a source of biolubricant base oil	DST-SERB-CRG	Choudhury,B., Dr. (M) Indian Institute of Technology (Roorkee) Department of Biotechnology Roorkee - 247 667 Uttarakhand	43.59	36
2641	Random access & re-transmission protocols for massive MIMO systems	DST-SERB-CRG	Mohammed,S.K., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	31.72	36
2642	Reactive transport modeling & simulation of CO2 sequestration in Deccan volcanic province	DST-SERB-CRG	Surasani,V.K., Dr. (M) Birla Institute of Technology & Science (Pilani) Jawahar Nagar, Shameerpet Hyderabad - 500 078 Telangana	21.74	36
2643	Resistive random access memory using HfO2 based hetero-structures for flexible electronics	DST-SERB-CRG	Mahapatra,R., Dr. (M) National Institute of Technology (Durgapur) Durgapur - 713 209 West Bengal	45.96	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2644	Simulation & experimental studies on nanostructued composite thin film multi-layer coatings	DST-SERB-CRG	Srihari,P.V., Dr. (M) R.V. College of Engineering Bengaluru - 560 059 Karnataka	18.41	24
2645	Spin hall effect in 2D materials	DST-SERB-CRG	Tulapukar,A.A., Dr. (M) Indian Institute of Technology (Bombay) Department of Electrical Engineering, Powai Mumbai - 400 076 Maharashtra	82.50	36
2646	Stochastic optimization Algorithms for 5G communication networks	DST-SERB-CRG	Rajawat,K., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	35.40	36
2647	Study of slurry erosion behavior of high entropy alloy coatings	DST-SERB-CRG	Menghani,J.V., Dr. (F) Sardar Vallabhbhai National Institute of Technology (Surat) Department of Mechanical Engineering Surat - 395 007 Gujarat	27.72	36
2648	Study on impact of bio-aersols, particulate based organics & metals on the health of exposed population residing at a major site within the Indo-Gangetic plain	DST-SERB-CRG	Gupta,T., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	40.04	24
2649	Synthesis & advanced characterization of Mg-Ni-B reduced graphene oxide nanosheet nanocomposites exhibiting superior hydrogen uptake & release behaviour	DST-SERB-CRG	Tatiparti,S.V., Dr. (M) Indian Institute of Technology (Bombay) CTR-130, Building. 20, Powai Mumbai - 400 076 Maharashtra	55.40	36
2650	Synthesis & characterization of LTA/YSZ double layer Thermal Barrier Coatings (TBC) & their variants with respect to their corrosion & oxidation resistance	DST-SERB-CRG	Vagge,S.T., Dr. (M) College of Engineering Wellesly Road, Shivaji Nagar Pune - 411 005 Maharashtra	33.84	36
2651	To study the effect of substrate Rheology on cell behaviour	DST-SERB-CRG	Majumdar,A., Dr. (M) Indian Institute of Technology (Bombay) Department of Chemical Enginenering, Powai Mumbai - 400 076 Maharashtra	26.31	36
2652	Tuning oscillatory chemical reactions using metal nanoparticle graphene composites	DST-SERB-CRG	Dayal,P., Dr. (M) Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 424 Gujarat	45.75	36
2653	Understanding thermophoretic motion of nanoscale liquid droplets of water & ionic liquids in confined & unconfined conditions	DST-SERB-CRG	Sathian,S.P., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	39.72	36
2654	Visible light communication test bed for indoor applications	DST-SERB-CRG	Vakamulla,M.V., Dr. (F) National Institute of Technology (Warangal) Department of Electronics Communication Engineering, Kazipet Warangal - 506 004 Telangana	25.56	36
2655	Wear behavior & microstructural studies of Surface Mechanical Attrition Treatment (SMAT) & post-treated stainless steels	DST-SERB-CRG	Hosmani,S.S., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 452 011 Madhya Pradesh	50.86	36
2656	Workshop on challenges & opportunities in data analytics & its applications	DST-SERB-CRG	Kaur,H., Ms. (F) Jamia Hamdard Department of Computer Science & Engineerning, Faculty of Engineering & Technology, Hamdard Nagar New Delhi - 110 062 Delhi	5.00	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2657	3D dep learneing for non rigid shape acquisition	DST-SERB-ECRA	Sharma,A., Dr. (M) International Institute of Information Technology Hyderabad - 500 032 Telangana	30.83	36
2658	A computational model for 3D fluorescence microscopy super resolution	DST-SERB-ECRA	Maji,S.K., Dr. (M) Indian Institute of Technology (Patna) Patna - 800 005 Bihar	15.10	36
2659	A framework for deep learning based analytics for intelligent healthcare applications	DST-SERB-ECRA	Kamath,S.S., Dr. (F) National Institute of Technology (Karnataka) Surathkal - 575 025 Karnataka	32.57	36
2660	A harmonic elimination scheme with reduced switching losses for a 3-phase open end winding induction machine using only convention two level inveters in the entire modulation range	DST-SERB-ECRA	Figarado,S., Dr. (M) National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	28.22	36
2661	A MEMS based microfluidic platform for sensitive and rapid bacterial antibiotic susceptibility testing	DST-SERB-ECRA	Pandya,H.J., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	41.18	36
2662	A novel generic machine learning driven framework with emphasis to deep learinign for analyzing multi temporal satellite Remote Sensing images for land cover monitoring	DST-SERB-ECRA	Banerjee,B., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	20.75	36
2663	A secure and scalable inter-cloud authorisation framework for resource sharing in cloud environment	DST-SERB-ECRA	Barbhuiya,F.A., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	18.67	36
2664	A study on effects of sediment load on river bank erosion in the Barak river system	DST-SERB-ECRA	Sil,B.S., Dr. (M) National Institute of Technology (Silchar) Silchar - 788 010 Assam	22.44	36
2665	Advanced urban public transporation system	DST-SERB-ECRA	Chaturvedi,M.S., Dr. (M) Pandit Deendayal Petroleum University Gandhinagar - 382 007 Gujarat	21.66	36
2666	An automated assembly sequence planning system to solve parallel and linear assemblies	DST-SERB-ECRA	Bahubalendruni,M.V.A.R., Dr. (M) G.M.R. Institute of Technology Srikakulam - 532 127 Andhra Pradesh	21.85	36
2667	An ecofriendly technology for the enhancement of rheological and filtration properties of water based drilling mud	DST-SERB-ECRA	Swaminathan,P., Dr. (M) Vels University Kanchipuram Chennai - 600 117 Tamil Nadu	22.12	36
2668	An efficient use of discarded heterogeneous electronic waste for development of cost effective microwave absorber	DST-SERB-ECRA	Panwar,R., Dr. (M) Indian Institute of Information Technology, Design & Manufacturing Pandit Dwarka Prasad Mishra Jabalpur - 482 005 Madhya Pradesh	43.95	36
2669	An investigation on the perfoamance of IEEE 754 double precision co processor using asynchronous circuit design methodology	DST-SERB-ECRA	Jyothula,S., Dr. (M) Vignan's Institute of Engineering for Women Visakhapatnam - 530 046 Andhra Pradesh	27.18	36
2670	Analysis design and instillation of 5KW solar smart water purifier in the ground water polluted areas of KAVITI mandal: A death zone of Srikakulam district Andhra Pradesh	DST-SERB-ECRA	Kumar,K.K., Dr. (M) Aditya Institute of Technology & Management Srikakulam - 532 201 Andhra Pradesh	35.34	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2671	Analysis of urbanization and its impact on climate alteration and environmental pollution in Faridabad, Haryana, sub- region of NCR, India using Remote Sensing, GIS and in-situ measurement	DST-SERB-ECRA	Ghosh,S., Dr. (F) Amity University Noida - 201 303 Uttar Pradesh	28.19	36
2672	Anlaysis of cardiovascular disorders using heart sound signals	DST-SERB-ECRA	Patidar,S., Dr. (M) National Institute of Technology (Goa) Goa - 403 401 Goa	24.93	36
2673	Application of masking techiques and reverse EDM techniques for pattern generation by selective area desposition of material using powder metallurgical green compact tools and sintered tool electrode	DST-SERB-ECRA	Rahang,M., Dr. (M) National Institute of Technology (Meghalaya) Shillong - 793 003 Meghalaya	27.84	36
2674	Application of topology optimization to enhance energy efficiency and performance of industrial manipulator	DST-SERB-ECRA	Javed,A., Dr. (M) Birla Institute of Technology & Science (Pilani) Hyderabad - 500 078 Telangana	29.44	36
2675	Arbitrary wave form generator for automotive radar systems	DST-SERB-ECRA	Jyothi,A.N., Dr. (F) Vignan Institute of Information Technology Visakhapatnam - 530 049 Andhra Pradesh	45.03	36
2676	Automated sample preparation real life bipprotocol implementation and synthetic biology using microfluidic Lab on a Chips (LoCs)	DST-SERB-ECRA	Roy,S., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	31.82	36
2677	Bacteriostatic polymer/antibiotic combination based Bi modal strategy for in situ management of Diabetic Osteomyelitis: An in vitro and animal model based study	DST-SERB-ECRA	Mishra,D., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	35.60	36
2678	Behavior of corroded and corrosion repaired RC beams using advanced non-destructive techniques of Infrared Thermography (IRT) and Digital Image Correlation (DIC)	DST-SERB-ECRA	Sharma,S., Dr. (F) Thapar University Patiala - 147 004 Punjab	32.88	36
2679	Bio energy production from high strength industrial wastewater (slaughter house wasterwater) with anaeobic SBR combining with aerobic SBR for safe dischare of treated water	DST-SERB-ECRA	Basheer,F., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	14.30	36
2680	Biomass conversion and utilization of polyhydric alcohols from natural sources	DST-SERB-ECRA	Marimuthu,B., Dr. (F) CSIR-National Chemical Laboratory Pune - 411 008 Maharashtra	53.43	36
2681	Bridging network science and HPC accelerating big data centric network analytics using HPC technologies	DST-SERB-ECRA	Banerjee,D.S., Dr. (M) Indian Institute of Information Technology Guwahati - 781 001 Assam	27.95	36
2682	Case studies in the nonlinear mechanics of thin elastic plates and ribbons	DST-SERB-ECRA	Rangarajan,R., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	40.66	36
2683	Catalytic and reaction engineering studies on bio oil upgradation	DST-SERB-ECRA	Namdeo,A., Dr. (M) CSIR-North East Institute of Science & Technology Jorhat - 785 006 Assam	40.35	36
2684	Commute travel choices in India gender prespective solutions	DST-SERB-ECRA	Rahul,T.M., Dr. (M) Amrita Vishwa Vidyapeetham Coimbatore - 641 112 Tamil Nadu	18.29	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2685	Comositionally and microstructurally engineered lead free for piezoelectric applications	DST-SERB-ECRA	Kumar,S., Dr. (M) Indian Institute of Technology (Indore) Indore - 452 011 Madhya Pradesh	46.38	36
2686	Compact multi band antenna with independently controlled resonant frequency and polarization for mobile wireless applications	DST-SERB-ECRA	Kandasamy,K., Dr. (M) National Institute of Technology (Karnataka) Surthakal Mangalore - 575 025 Karnataka	44.23	36
2687	Computational and experimental study of flow induced vibration of a plate with piezoelectric material to improve performance of wind vibration energy harvester	DST-SERB-ECRA	Purohit,A., Dr. (M) Thapar University Patiala - 147 004 Punjab	24.20	36
2688	Computational identification and validation of genome wide protein- protein interaction network in rice and rice blast	DST-SERB-ECRA	Sahu,S.S., Dr. (M) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	21.63	36
2689	Concomitant biofuel production and recalming water by integrating acidogenic biohydrogen and membrane bioreactor based oleaginous fungal cultivation	DST-SERB-ECRA	Roy,S., Dr. (M) National Institute of Technology (Arunachal Pradesh) Papumpare - 791 112 Arunachal Pradesh	49.99	36
2690	Cryogenically conditioned micro and nanoencapsulated phase change materials slurries for cool thermal energy storage applications	DST-SERB-ECRA	Rajagopalan,P., Dr. (M) Birla Institute of Technology & Science (Pilani) Hyderabad - 500 078 Telangana	27.76	36
2691	Cyber physical systems for M-Health	DST-SERB-ECRA	Kumar,S., Dr. (M) Indian Institute of Technology (Patna) Patna - 801 103 Bihar	22.15	36
2692	Damage assisted failure of engineering structures using cohesive zone approach and XFEM	DST-SERB-ECRA	Kumar,S., Dr. (M) Indian Institute of Technology (Ropar) Ropar - 140 001 Punjab	15.85	36
2693	Derivation of time moments and Markov parameters and their applications in model reduction of discrete interval systems	DST-SERB-ECRA	Singh,V.P., Dr. (M) National Institute of Technology (Raipur) Raipur - 492 010 Chhattisgarh	15.25	36
2694	Design and analysis of reactor for catalytic co-pyrolysis of biomass and plastic a treatment techniques for mixed soldi waste	DST-SERB-ECRA	Neelancheery,R., Dr. (F) Indian Institute of Technology (Bhubaneswar) Bhubaneswar - 751 013 Odisha	30.60	36
2695	Design and development of a microcantilever structured sensor for deteming the volatile organic compunds	DST-SERB-ECRA	Kumar,B.R., Dr. (M) GITAM University Visakhapatnam - 530 045 Andhra Pradesh	44.13	36
2696	Design and development of an adaptive middleware for smart building monitoring	DST-SERB-ECRA	Chakraborty,S., Dr. (M) Indian Institute of Information Technology Guwahati - 781 001 Assam	21.85	36
2697	Design and development of an efficient grid intergrated distributed maximum power point tracking to photovoltaic system for enhancing power quality under partial shading conditions	DST-SERB-ECRA	Mikkili,S., Dr. (M) National Institute of Technology (Goa) Goa - 403 401 Goa	40.00	36
2698	Design and development of an experimental test bench setup of electric vehicle	DST-SERB-ECRA	Lokhande,M.M., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) Nagpur - 440 010 Maharashtra	35.89	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2699	Design and development of an on chip heterogeneous multi platform for secure multimedia applications	DST-SERB-ECRA	Vucha,M., Dr. (M) M.L.R. Institute of Technology Hyderabad - 500 043 Telangana	43.86	36
2700	Design and development of capillary system to improve the structural stability and thermal performance of the absorber for director stem generation in linear concentrators	DST-SERB-ECRA	Kandasamy,R.K., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	31.20	36
2701	Design and development of compliant microgripper for performing minimally invasive biopsies	DST-SERB-ECRA	Ramalingam,B., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	22.17	36
2702	Design and development of efficient cancelable template generation methods for fingerprint and Iris biometrics	DST-SERB-ECRA	Dey,S., Dr. (M) Indian Institute of Technology (Indore) Indore - 452 011 Madhya Pradesh	20.60	36
2703	Design and development of fingerprint and face recognition systems for Infants And Toddlers (IATs)	DST-SERB-ECRA	Rahulkar,A.D., Dr. (M) National Institute of Technology (Goa) Goa - 403 401 Goa	16.34	36
2704	Design and development of gallium nitride based terahertz solid-state sources	DST-SERB-ECRA	Biswas,A., Dr. (M) Asansol Engineering College Asansol - 713 305 West Bengal	15.67	36
2705	Design and development of low power ONOFIC for smart safety system	DST-SERB-ECRA	Raj,B., Dr. (M) Dr. B.R. Ambedkar National Institute of Technology (Jalandhar) Jalandhar - 144 011 Punjab	47.08	36
2706	Design and development of polymer composites for micro-electronic applications	DST-SERB-ECRA	Agarwal,A., Dr. (M) Sagar Institute of Research & Technology Bhopal - 462 041 Madhya Pradesh	21.18	36
2707	Design and development of power quality controller for microgrid	DST-SERB-ECRA	Chandrasekaran,K., Dr. (M) National Institute of Technology (Puducherry) Karaikal - 609 609 Puducherry	24.72	36
2708	Design and fabrication of thin film sensors for hypersonic flow application	DST-SERB-ECRA	Peetala,R.K., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) Nagpur - 440 010 Maharashtra	35.91	36
2709	Design and investigation of thermal conducting two dimensional heterostructures	DST-SERB-ECRA	Mishra,A.K., Dr. (M) Indian Institute of Technology (BHU) Varanasi - 221 005 Uttar Pradesh	54.81	36
2710	Design of electronic and photonic device using Ge1-x-Snx alloy an emerging group IV semiconductor materials and investigation of physical processes of the devices	DST-SERB-ECRA	Basu,R., Dr. (F) National Institute of Technology (Delhi) Hauz Khas New Delhi - 110 040 Delhi	25.68	36
2711	Design of high efficiency power amplifier for 5G applications	DST-SERB-ECRA	Arrawatia,M., Dr. (F) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	45.25	36
2712	Design of low complexity sharp cut-off variable bandwidth digital FIR filter for next generation communication system	DST-SERB-ECRA	Chandra,A., Dr. (M) Jadavpur University Kolkata - 700 032 West Bengal	21.33	36
2713	Design of main memory architecture for next generation datacenter servers	DST-SERB-ECRA	Awasthi,M., Dr. (M) Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 424 Gujarat	26.25	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2714	Design of Molybdenum disulphide (MoS) field effect transistor for radio frequency application	DST-SERB-ECRA	Kumaravel,S., Dr. (M) Vellore Institute of Technology University Chennai - 600 127 Tamil Nadu	26.83	36
2715	Design of neural network based new demand side management system for educational institutions	DST-SERB-ECRA	Raja,S.C., Dr. (M) Thiagarajar College of Engineering Madurai - 625 015 Tamil Nadu	30.22	36
2716	Design of superior pulsewidth modulation schemes for high performance multilevel converter based grid connected photovoltaic system	DST-SERB-ECRA	Das,S., Dr. (M) National Institute of Technology (Goa) Farmagudi Ponda - 403 401 Goa	40.04	36
2717	Design optimization of multicore fibers for high capacity optical communications	DST-SERB-ECRA	Ranjan,R., Dr. (M) National Institute of Technology (Patna) Patna - 800 005 Bihar	7.48	36
2718	Design, development of a novel method for estimating residual strength of composite structures damaged by impact loading	DST-SERB-ECRA	Reddy,M., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	25.74	36
2719	Designing of a highthroughput clone for cytoplamic expression of the refolded reainbizumab (antibody fragment fab)	DST-SERB-ECRA	Bhambure,R.S., Dr. (M) CSIR-National Chemical Laboratory Pune - 411 008 Maharashtra	42.82	36
2720	Designing out-of VM monitoring based virtual machine introspection framework for securing virtual environment of cloud computing	DST-SERB-ECRA	Modi,C.N., Dr. (M) National Institute of Technology (Goa) Farmagudi Ponda - 403 401 Goa	24.02	36
2721	Determination of energy and momentum accommodation coefficients for a pressure driven flow in a rarefield medium using moleular dynamics	DST-SERB-ECRA	Prabhu,S.K., Dr. (M) Kerala Technological University Vidya Academy of Science & Technology Thrissur - 680 501 Kerala	29.60	36
2722	Development and real time implentation of fully automated cancer detection system from H&E stained liver histopathological images	DST-SERB-ECRA	Lal,S., Dr. (M) National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	9.93	36
2723	Development low cost air filter for particles smaller than 2.5 protect school childern hospital from air pollution	DST-SERB-ECRA	Sarkar,D., Dr. (M) S.R.M. University Kattankulathur - 603 203 Tamil Nadu	39.76	36
2724	Development of a customized dual mode in vivo photoacoustic and ultrasound imaging system for early detection of breast cancer	DST-SERB-ECRA	Sinha,S., Dr. (F) Visvesvaraya National Institute of Technology (Nagpur) Nagpur - 440 010 Maharashtra	37.96	36
2725	Development of a new non destructive testing method for the detection of hidden corrosion and crakes in stainless steel sturctures	DST-SERB-ECRA	Angani,C., Dr. (M) GITAM University Visakhapatnam - 530 045 Andhra Pradesh	29.44	36
2726	Development of a new strategy to enhance cylindrical wire electrical discharge turning process	DST-SERB-ECRA	Mandal,A., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	33.62	36
2727	Development of a novel injection strategy for hydrogen fuelled homogeneous charge compression ignition engine	DST-SERB-ECRA	Ibrahim,M.M., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	24.39	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2728	Development of a novel technology for production of hydrocarbon fuels from mixed plastic waste	DST-SERB-ECRA	Ghodke,P.K., Dr. (M) University of Petroleum & Energy Studies Dehradun - 248 007 Uttarakhand	38.90	36
2729	Development of a Road Information Modeling (RIM) based coordination method for utility relocation	DST-SERB-ECRA	Vilventhan,A., Dr. (F) S.R.M. University Kattankulathur - 603 203 Tamil Nadu	16.82	36
2730	Development of a thermal model based real time tool wear monitoring and compensation system for micro EDM processes	DST-SERB-ECRA	Nirala,C.K., Dr. (M) Indian Institute of Technology (Ropar) Rupnagar Ropar - 140 001 Punjab	47.59	36
2731	Development of active packaging solutions using nanoencapsulation techiques to aid nutrient delivery for quality impovement and shelf life extension of stored food	DST-SERB-ECRA	Mitra,J., Dr. (F) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	39.60	36
2732	Development of adaptive cooperative motion control Algorithms for multiple autonomous ground vehicles	DST-SERB-ECRA	Pradhan,S.K., Dr. (M) National Institute of Science & Technology NH Golanthara, Ganjam Berhampur - 761 008 Odisha	26.66	36
2733	Development of all solid state thin film Li-Ion micro battery using powder sputtering	DST-SERB-ECRA	Kosuri,Y., Dr. (F) Vignan Institute of Information Technology Visakhapatnam - 530 049 Andhra Pradesh	33.40	36
2734	Development of an active self actuating smart needle for image guided percutaneous cancer interventions	DST-SERB-ECRA	Mariajoseph,F., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	35.10	36
2735	Development of an efficient biometric authentication based key agreement protocol for multi server architecture using hyper elliptic curve for adhar card payment system	DST-SERB-ECRA	Sasikaladevi,N., Dr. (F) SASTRA University Thanjavur - 613 401 Tamil Nadu	18.67	36
2736	Development of an energy efficient wireless sensor network for precision agriculture	DST-SERB-ECRA	Gupta,H.P., Dr. (M) Indian Institute of Technology (BHU) Varanasi - 221 005 Uttar Pradesh	34.47	36
2737	Development of an intelligent drone system for pesticide spraying applications in precession agriculture	DST-SERB-ECRA	Deepak,B., Dr. (M) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	19.39	36
2738	Development of computational model for decision making based on emotion recognition through eeg signal	DST-SERB-ECRA	Ahirwal,M.K., Dr. (M) National Institute of Technology (Raipur) Raipur - 492 010 Chhattisgarh	11.54	36
2739	Development of coordination control schemes for hybrid AC/DC micro grid for a stable and reliable system operation	DST-SERB-ECRA	Vyjayanthi,C., Dr. (F) National Institute of Technology (Goa) Goa - 403 401 Goa	42.31	36
2740	Development of efficient Algorithms for predicting the incidence of Malaria cases in India using spiking neuron models	DST-SERB-ECRA	Kuppili,V., Dr. (M) National Institute of Technology (Goa) Goa - 403 401 Goa	18.00	36
2741	Development of Eutrophication model for rural water bodies of Assam, India	DST-SERB-ECRA	Ahamad,K.U., Dr. (M) Tezpur University Tezpur - 784 028 Assam	24.27	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2742	Development of FRP composites with crack arrest and self healing to maintain structural integrity	DST-SERB-ECRA	Ben,B.S., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	28.77	36
2743	Development of gallium oxide based next generation power and sensor devices	DST-SERB-ECRA	Bag,A., Dr. (M) Indian Institute of Technology (Mandi) Manali - 175 005 Himachal Pradesh	51.85	36
2744	Development of high order accurate numerical scheme for steady/unsteady incompressible flow involving stationary/moving boundaries over unstructured mesh	DST-SERB-ECRA	Sonawane,C.R., Dr. (M) Symbiosis International University Pune - 411 004 Maharashtra	18.02	36
2745	Development of high vibration damping composite layers through friction stir processing	DST-SERB-ECRA	Raju,A., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	44.05	36
2746	Development of highly efficient electrode materials for rechargeable Li-ion batteries with in situ monitoring of safety issues by embedded flexible micro sensor	DST-SERB-ECRA	Vediappan,K., Dr. (M) S.R.M. University Kattankulathur - 603 203 Tamil Nadu	54.76	36
2747	Development of highly sensitive photo-detector based on dielectrophoretic assembly of TiS3 nanoribbons	DST-SERB-ECRA	Mishra,P., Dr. (M) Jamia Millia Islamia New Delhi - 110 025 Delhi	41.65	36
2748	Development of image retrieval methods for biomedical and health informatics	DST-SERB-ECRA	Dubey,S.R., Dr. (M) Indian Institute of Information Technology Chittoor - 517 588 Andhra Pradesh	18.52	36
2749	Development of innovate clay based nanoporous materials for methane enrichement of biogas to bio methane at high pressure	DST-SERB-ECRA	Saini,V.K., Dr. (M) Doon University Dehradun - 248 001 Uttarakhand	32.06	36
2750	Development of intelligent traffic analysis platform based on the analysis of the trajectory big data	DST-SERB-ECRA	Balamurugan,A.A., Dr. (F) K.L.N. College of Information Technology Madurai - 630 611 Tamil Nadu	28.63	36
2751	Development of lightweight carbon nanomaterials hybridized hollow glass microspheres/Epoxy conducting syntactic foam	DST-SERB-ECRA	Rehman,A.S.K., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	21.83	36
2752	Development of microwave assisted lead free high performance piezoelectric materials	DST-SERB-ECRA	Mondal,R.A., Dr. (M) Sukumar Sengupta Mahavidalaya Midnapore - 721 150 West Bengal	30.95	36
2753	Development of modular type high speed ultra precision machining center	DST-SERB-ECRA	Bajpai,V., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	35.16	36
2754	Development of multi scale textured piston ring and study of its impact on the fuel economy of an internal combustion engine	DST-SERB-ECRA	Syed,I., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	32.60	36
2755	Development of multifunctional fibrous materials using green methods	DST-SERB-ECRA	Sheikh,J.N., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	38.15	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2756	Development of non-intrusive driver fatigue detection and warning system to avoid on road accidents	DST-SERB-ECRA	Biradar,V., Dr. (F) Vignan Institute of Technology & Science Hyderabad - 500 036 Telangana	26.68	36
2757	Development of power electronic interfaces for hybrid distributed generator based on PV-fed wind driven induction generator	DST-SERB-ECRA	Singaravel,M.R., Dr. (M) P.S.G. College of Technology Coimbatore - 641 004 Tamil Nadu	27.00	36
2758	Development of rare earth free ceramic magnet with high energy and curie temperature for motor applications	DST-SERB-ECRA	Roy,P.K., Dr. (M) Indian Institute of Technology (BHU) Varanasi - 221 005 Uttar Pradesh	45.22	36
2759	Development of self powered MEMS accelerometer using piezolectric energy harvester	DST-SERB-ECRA	Mukherjee,B., Dr. (M) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	37.25	36
2760	Development of Ultrasonic Assisted Electrochemical Mechanical Finishing (UAECMF) process with modular tooling system for precision finising of gears	DST-SERB-ECRA	Misra,J.P., Dr. (M) National Institute of Technology (Kurukshetra) Kurukshetra - 136 119 Haryana	16.50	36
2761	Dynamic crack kinking from aggregate mortar interface of concrete sub structural system	DST-SERB-ECRA	Chakraborty,S., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	28.70	36
2762	Early detection of Cataract: An IoT based approach	DST-SERB-ECRA	Kokli,P., Dr. (F) Indian Institute of Information Technology, Design & Manufacturing Kanchipuram - 600 127 Tamil Nadu	16.86	36
2763	Effect of nano particles in viscoplastic complex fluids: A thermorheological characterization and heat transfer investigation	DST-SERB-ECRA	Hassan,M.A., Dr. (M) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	28.05	36
2764	Effect of surface protrusions on the collection efficiency of a solar cavity receiver	DST-SERB-ECRA	Bopche,S.B., Dr. (M) National Institute of Technology (Hamirpur) Hamirpur - 177 005 Himachal Pradesh	9.17	36
2765	Effect particle size on solidification process under uniform magnetic field along with thermal solutal convection effects with sinusoidal temperature distribution over nanoparticle enahnced phase change materials	DST-SERB-ECRA	Kumar,A.V., Dr. (M) National Institute of Technology (Arunachal Pradesh) Durgapur Papumpare - 791 111 Arunachal Pradesh	9.81	36
2766	Effective cracking of endothermic fuels using different initiators experimental and mechanistic study	DST-SERB-ECRA	Ravikrishnan,V., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	45.97	36
2767	Effects of big data characteristics on security - leveraging existing security mechanisms and exploring new techniques for protection	DST-SERB-ECRA	Panyala,A.R., Dr. (M) M.L.R. Institute of Technology Hyderabad - 500 043 Telangana	27.79	36
2768	Efficient reliable data delivery during forest fire using wireless network	DST-SERB-ECRA	Sinha,D., Dr. (F) National Institute of Technology (Patna) Patna - 800 005 Bihar	9.97	36
2769	Electrospinning of lead free NBTBT6 based materials for sensors and energy harvesting applications	DST-SERB-ECRA	Daryapurkar,A.S., Dr. (M) Indian Institute of Information Technology Nagpur - 440 006 Maharashtra	33.40	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2770	Engineering custom-made personalized bone graft using nanotubular clay-biopolymer composite and human mesenchymal stem cells	DST-SERB-ECRA	Ghone,N.V., Dr. (M) Sri Venkateswara College of Engineering Kanchipuram Chennai - 602 117 Tamil Nadu	40.84	36
2771	Engineering photosynthetic nanopigments for efficient valorization of lignocellulosic biomas	DST-SERB-ECRA	Bhaumik,J., Dr. (F) Centre of Innovative Applied Bio Processing Mohali - 160 071 Punjab	44.36	36
2772	Enhanced hybrid power generating system for rustic & citified electrification	DST-SERB-ECRA	Sitharthan,R., Dr. (M) Madanapalle Institute of Technology & Science Chittoor - 517 325 Andhra Pradesh	22.99	36
2773	Environmental begin smart micro total process machine developments for on demand safe chemical synthesis	DST-SERB-ECRA	Singh,A.K., Dr. (M) CSIR-Indian Institute of Chemical Technology Hyderabad - 500 607 Telangana	31.16	36
2774	Evaluation of creep behavior of AlCoCrFeNiMo0.5 high strength high entropy alloy	DST-SERB-ECRA	Korla,R., Dr. (M) Indian Institute of Technology (Hyderabad) Sangareddy - 502 205 Telangana	51.97	36
2775	Experiment and analaysis of energy saving Variable Displacement Hydrostatics Actuation (VDEHA) system	DST-SERB-ECRA	Mandal,N.P., Dr. (M) National Institute of Technology (Patna) Patna - 800 005 Bihar	24.25	36
2776	Experimental and numerical investigation of indigenous sustainable solutions for building acoustics and quantitative characterization of the effect of various acoustic parameters on the overall perception of room acoustic properties	DST-SERB-ECRA	Rafat,Y., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	24.49	36
2777	Experimental characterisation of dissimilar mode coupling in two layer Rayleigh-Bénard-Marangoni systems	DST-SERB-ECRA	Venkatesan,D.S., Dr. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Bengaluru - 560 064 Karnataka	54.80	36
2778	Experimental investigation on pulsating synthetic jet micromixers to determine the injection dynamics of Insulin in hydrogels for subcutaneous drug delivery	DST-SERB-ECRA	Perumal,D.A., Dr. (M) National Institute of Technology (Karnataka) Surathkal - 575 025 Karnataka	32.67	36
2779	Expermental Mathematical and kinetic modeling of microbial fuel cell probes from the waste water	DST-SERB-ECRA	Eswari,S.J., Dr. (M) National Institute of Technology (Raipur) Raipur - 492 010 Chhattisgarh	39.42	36
2780	Explaining the puzzling experimental observations of polymer dynamics in solutions: Theoretical and computational studies over multiple length and time scales	DST-SERB-ECRA	Shadalal,I., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	54.74	36
2781	Fabrication characterization and performance optimization of junctionless silicon nanowire transistor for biosensing applications	DST-SERB-ECRA	Chirtakant, Dr. (M) Malaviya National Institute of Technology (Jaipur) Jaipur - 302 017 Rajasthan	31.33	36
2782	Fault diagnosis mechanical machine using stator current monitoring technique	DST-SERB-ECRA	Singh,S., Dr. (M) Guru Nanak Dev University Amritsar - 143 005 Punjab	26.83	36
2783	Fluid flow and heart transfer analysis of various types of IRS device a comparative study	DST-SERB-ECRA	Senapati,J.R., Dr. (M) Kalinga Institute of Industrial Technology University Bhubaneswar - 751 024 Odisha	17.67	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2784	Formability anlaysis of magnesium AZ31 alloy sheets during the incremental froming process	DST-SERB-ECRA	Nagarajan,D., Dr. (M) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	12.10	36
2785	Formability study of inconel 625 alloy at elevated tempertures for aerospace applications	DST-SERB-ECRA	Kotkunde,N.R., Dr. (M) Birla Institute of Technology & Science (Pilani) Hyderabad - 500 078 Telangana	31.43	36
2786	Formal verification of optimizing transofrmation of programs	DST-SERB-ECRA	Karfa,C., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	17.71	36
2787	Gas production from heterogeneous methane hydrate reservoirs	DST-SERB-ECRA	Phirani,J., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	20.47	36
2788	Generalized framework for restoring medical and satellite images corrupted by data-correlated noise distributions	DST-SERB-ECRA	Jidesh,P., Dr. (M) National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	17.43	36
2789	Green and sustainable machining of 'hard to machine materials' using graphene based self lubricating cutting tools and cutting fluids	DST-SERB-ECRA	Maddamsetty,A., Dr. (F) Gayatri Vidya Parishad College of Engineering Visakhapatnam - 530 048 Andhra Pradesh	25.56	36
2790	Grid interfacing of solar power generation design development and investigation on high frequency transformer isolated DC- DC soft swithching resonant power converters	DST-SERB-ECRA	Harischandrappa,N., Dr. (M) National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	48.95	36
2791	Higher overall stiffness of triangular shaped ductile / brittle lattice composite structure compared to square and hexagonal shaped structure	DST-SERB-ECRA	Singh,G., Dr. (M) Birla Institute of Technology & Science (Pilani) Zuarinagar - 403 726 Goa	44.63	36
2792	Human cognitive state estimation through multi modal gait anlaysis	DST-SERB-ECRA	Nandy,A., Dr. (M) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	20.37	36
2793	Human position tracking and detection using geometric active contours mapping Algorithm and Connected Component Operators (CCO)	DST-SERB-ECRA	Arulananth,T.S., Dr. (M) M.L.R. Institute of Technology Hyderabad - 500 043 Telangana	16.42	36
2794	Hybrid urban landscape analysis for green smart cities through Geospatial technology	DST-SERB-ECRA	Kumar,D., Dr. (M) Amity University Noida - 201 303 Uttar Pradesh	17.45	36
2795	Improving machinability of difficult to machine materials through cutting edge preparation and minimum quantity lubrication	DST-SERB-ECRA	Raj,S., Dr. (M) Anna University Chennai - 600 025 Tamil Nadu	20.75	36
2796	Improving the load carrying capacity through direct design asymmetric high contact ratio spur gear drive	DST-SERB-ECRA	Marimuthu,P., Dr. (M) SASTRA University Thanjavur - 613 401 Tamil Nadu	26.80	36
2797	Improving the seismic performance of dynamically similar buildings uisng damper connected control technique	DST-SERB-ECRA	Mohan,S.C., Dr. (M) Birla Institute of Technology & Science (Pilani) Hyderabad - 500 078 Telangana	43.15	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2798	Indigenous design and development of high strin rate characterization machine for characterization of soft materials	DST-SERB-ECRA	Goel,M.D., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) Nagpur - 440 010 Maharashtra	42.35	36
2799	Influence of Leading Edge Protuberances (LEP) on aerodynamic characteristics of tapered and swept wing at subsonic speeds	DST-SERB-ECRA	Pillai,N., Dr. (M) SASTRA University Thanjavur - 613 401 Tamil Nadu	23.15	36
2800	Integrated watershed management in data scarce rainfed regions of India using artificial intelligence Geospatial and Soft Computing techniques	DST-SERB-ECRA	Araypalli,S., Dr. (F) Amrita Vishwa Vidyapeetham Coimbatore - 641 112 Tamil Nadu	18.74	36
2801	Intelligent camera systems	DST-SERB-ECRA	Gandhi,V., Dr. (M) International Institute of Information Technology Hyderabad - 500 032 Telangana	28.45	36
2802	Intelligent fault distance estimation scheme for high voltage AC and high voltage DC transmission lines an comparative study of various artificial intelligent techiques to explore a suitable scheme	DST-SERB-ECRA	Swetapadma,A., Dr. (F) Kalinga Institute of Industrial Technology University Bhubaneswar - 751 024 Odisha	16.54	36
2803	Investigation into the design and perforamance analysis of encased stone column supported embankments with geocells as basal reinforcement	DST-SERB-ECRA	Bhasi,A., Dr. (F) National Institute of Technology (Karnataka) Surathkal - 575 025 Karnataka	39.85	36
2804	Investigation into the influence of 3-D surface topographic parametera and cross hatch angle of clinder linear surface on the friction and wear of pisoton ring cylinder linera assembly	DST-SERB-ECRA	Lawrence,D.K., Dr. (M) Manipal University Manipal - 576 104 Karnataka	41.10	36
2805	Investigation of micro electric discharge milling of metal matrix composite fabricated by ultrasonic probe assisted stri casting	DST-SERB-ECRA	Subbu,K.S., Dr. (M) National Institute of Technology (Warangal) Warangal - 506 004 Telangana	35.75	36
2806	Investigation of structure-property-performance relations in hierarchical 3-D lattice structures	DST-SERB-ECRA	Venkat,R.A.S., Dr. (M) Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 424 Gujarat	45.50	36
2807	Investigation on reduced graphene oxide in the aspects of its possible application for the development of a radiation sensor	DST-SERB-ECRA	Garai,B., Dr. (F) Dayananda Sagar University Bengaluru - 560 078 Karnataka	35.99	36
2808	Investigations on chalcogenide photodetectors	DST-SERB-ECRA	Sharma,S., Dr. (M) Indian Institute of Information Technology Allahabad - 211 015 Uttar Pradesh	52.48	36
2809	Ionic liquid mediated microwave assisted synthesis of rare earth nanomaterials for bioprobe applications	DST-SERB-ECRA	Majeed,S., Dr. (M) Kashmir University Srinagar - 190 006 Jammu & Kashmir	49.46	36
2810	IoTDiff service differentiation for personal IoT hub	DST-SERB-ECRA	Chakraborty,S., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	23.72	36
2811	IT4All - Information Technology for All	DST-SERB-ECRA	Biswas,P., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	14.42	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2812	Mapping drought risk in India an integrated multivariate approach	DST-SERB-ECRA	Mondal,A., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	22.23	36
2813	Mathematics aided architural design layouts	DST-SERB-ECRA	Shekhawat,K., Dr. (M) Birla Institute of Technology & Science (Pilani) Pilani - 333 031 Rajasthan	15.45	36
2814	Measurement of brain deformations under impact loading	DST-SERB-ECRA	Ganpule,S.G., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	44.42	36
2815	Mechanistic correlation between homeostatic pressure and metastatic competence in cancer cells	DST-SERB-ECRA	Sarangi,B.R., Dr. (M) S.R.M. University Kattankulathur - 603 203 Tamil Nadu	48.73	36
2816	Metabolic engineering of bacillus subtilis for the production of biorenewable isoprene	DST-SERB-ECRA	Mishra,A., Dr. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	31.20	36
2817	Metal oxide nanomaterials based hybrid devices for memory applications	DST-SERB-ECRA	Ponnam,A., Dr. (F) Reva University Bengaluru - 560 064 Karnataka	25.40	36
2818	Modeling, fabrication and motion planning for maximum mobility of quadrupedal robot	DST-SERB-ECRA	Mohanty,P.K., Dr. (M) National Institute of Technology (Arunachal Pradesh) Papumpare - 791 111 Arunachal Pradesh	27.07	36
2819	Modeling, simulation and development of AlGaN/GaN HEMT based Lactic acid and Uric acid biosensor for clinical research	DST-SERB-ECRA	Kabra,S., Dr. (M) Shaheed Rajguru College of Applied Sciences for Women New Delhi - 110 096 Delhi	28.61	36
2820	Modulation of piezolectric and electromechanical properties in percolative polymer ceramic raphene nanocomposite for low frequency energy harvester	DST-SERB-ECRA	Parida,S., Dr. (F) C.V. Raman College of Engineering Bhubaneswar - 752 054 Odisha	25.13	36
2821	Monit noise an IoT based level assessement system in urban cities of India	DST-SERB-ECRA	Panigrahi,T., Dr. (M) National Institute of Technology (Goa) Ponda - 403 401 Goa	21.79	36
2822	Moving towards better optical time-keeping devices: How immovable MEMS can improve the performance of optical clock	DST-SERB-ECRA	Tallur,S.G., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	50.85	36
2823	Multi scale and multi phase generalized reactor modeling and simulation framework	DST-SERB-ECRA	Mandaliya,D.D., Dr. (M) Vishwakarma Government Engineering College Ahmedabad - 382 424 Gujarat	8.91	36
2824	Multilingual speech processing in humans and machines	DST-SERB-ECRA	Ganapathy,S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	31.75	36
2825	New generation nanoelectronic devices design modeling and farbication	DST-SERB-ECRA	Medury,A., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bhopal - 462 023 Madhya Pradesh	39.34	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2826	Non thermal Plasma Catalytic Reactor for simultaneous removal of NO and VOCs (PCR-NOxVOC)	DST-SERB-ECRA	Loganathan,S., Dr. (M) S.R.M. University Kattankulathur - 603 203 Tamil Nadu	37.67	36
2827	Non thermal plasma cleaing enrichment and reforming of gaseous hyderocarbons	DST-SERB-ECRA	Rao,L., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	34.53	36
2828	Nonlinear interaction of guided waves with delamination defects in compsite waveguides theoretical and experimental investigation	DST-SERB-ECRA	Joglekar,D.M., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	48.36	36
2829	Nonlinear optics in the mid infrared wavelength range using chip scale germanium photonic devices	DST-SERB-ECRA	Raghunathan,V., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	42.22	36
2830	Novel graphene supported metal anode catalysts and PWA based electroyte for direct ethylene glycol fuel cells	DST-SERB-ECRA	Goyal,J., Dr. (F) CSIR-National Physical Laboratory Pusa Campus New Delhi - 110 012 Delhi	23.05	36
2831	Numerical and experimental anlaysis of failure of RC beams retrofitted with plates under normal and elevated temperatures	DST-SERB-ECRA	Khan,M.A., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	24.75	36
2832	Numerical simulation and compact modeling of Organic Thin Film Transistors (OTFTs) for future flexible electronics	DST-SERB-ECRA	Dwivedi,A., Dr. (M) Poornima University Jaipur - 303 905 Rajasthan	42.12	36
2833	Numerical simulation of thermoelastic fracture problems using element free Galerkin method	DST-SERB-ECRA	Pant,M., Dr. (M) National Institute of Technology (Hamirpur) Hamirpur - 177 005 Himachal Pradesh	16.38	36
2834	On chip development of three dimesional clinical graded tissue graft for the treatment of diseased esophageal segment with integration of asculatrisation and enhanced neurogenesis	DST-SERB-ECRA	Bit,A., Dr. (M) National Institute of Technology (Raipur) Raipur - 492 010 Chhattisgarh	33.18	36
2835	One of pot production of biohydrogen and polyhydroxyalkanoate using calophyllum inophyllum oil cake under alternative dark and light fermentation in 100L closed loop tubular bioreactor	DST-SERB-ECRA	Arumugam,A., Dr. (M) SASTRA University Thanjavur - 613 401 Tamil Nadu	28.89	36
2836	Optimal output sample based control of multiport DC-DC converters	DST-SERB-ECRA	Neeli,S., Dr. (F) Malaviya National Institute of Technology (Jaipur) Jaipur - 302 017 Rajasthan	15.36	36
2837	Optimization models and Algorithms for non parallel support vector mechines	DST-SERB-ECRA	Tanveer,M., Dr. (M) Indian Institute of Technology (Indore) Indore - 452 011 Madhya Pradesh	24.04	36
2838	Performance evaluation of a cryogenic coolant through a modified tool holder in machining of inconel 625 super alloy	DST-SERB-ECRA	Dupadu,C., Dr. (F) Indian Institute of Technology (Palakkad) Palakkad - 678 557 Kerala	14.83	36
2839	Physical layer security in cooperative cognitive relay networks	DST-SERB-ECRA	Yadav,S., Dr. (M) Indian Institute of Information Technology Allahabad - 211 015 Uttar Pradesh	45.49	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2840	Post earthquake seismic vulnerability assessment of reinforced concrete building in India	DST-SERB-ECRA	Raghunandan,M., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	23.99	36
2841	Potential application of ionic liquids in CO2 caputre process for sustainable energy and enviroment	DST-SERB-ECRA	Jayaraman,D., Dr. (M) S.S.N. College of Engineering Kalavakkam - 603 110 Tamil Nadu	26.52	36
2842	Precision agriculture model to increase crop productivity in India using big data	DST-SERB-ECRA	Ramesh,D., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	18.14	36
2843	Precision Medicine using Cognitive Computing (PMCC) a tool to predict chronic diseases and recommend personalized treatement just in time	DST-SERB-ECRA	Ramu,G., Dr. (M) Institute of Aeronautical Engineering Hyderabad - 500 043 Telangana	37.18	36
2844	Process modeling and microstructural evolution during friction stir welding of dissimilar materials	DST-SERB-ECRA	Shrivastava,A., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	36.15	36
2845	QCA logic circuit design in application to health care device design and simulation	DST-SERB-ECRA	Das,K., Dr. (M) Narula Institute of Technology Kolkata - 700 109 West Bengal	14.47	36
2846	Reducting energy consumption and operating temperature of last level DRAM cache in multicore system	DST-SERB-ECRA	Das,S., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	15.27	36
2847	Resource optimisation and interference management for green ultra-dense 5G cognitive radio network	DST-SERB-ECRA	Saha,S., Dr. (F) National Institute of Technology (Patna) Patna - 800 005 Bihar	27.34	36
2848	Response of hemispherical sandwich shell structures subjected to projectile impact	DST-SERB-ECRA	Tiwari,G., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) Nagpur - 440 010 Maharashtra	21.97	36
2849	Scale up of a stirred tank bioreactor through modeling and simulations	DST-SERB-ECRA	Prakash,A., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	23.49	36
2850	Scope enrichment of verification technologies	DST-SERB-ECRA	Joshi,S.B., Dr. (M) Indian Institute of Technology (Hyderabad) Sangareddy - 502 205 Telangana	22.50	36
2851	Secure and reliable non-volatile memories for ultra-low power applications	DST-SERB-ECRA	Mittal,S., Dr. (M) Indian Institute of Technology (Hyderabad) Sangareddy - 502 205 Telangana	45.03	36
2852	Self contained flexible oxide electronics for smart packaging	DST-SERB-ECRA	Bahubalindruni,P.G., Dr. (F) Indraprastha Institute of Information Technology New Delhi - 110 020 Delhi	33.76	36
2853	Self powered electronic nose based on hybrid nanomaterials for breath analysis	DST-SERB-ECRA	Sivalingam,Y., Dr. (M) S.R.M. University Kattankulathur - 603 203 Tamil Nadu	52.19	36
2854	Semi pilot scale production of lipase by Solid State Fermentation (SSF) for transesterification of biodiesel analysis	DST-SERB-ECRA	Kumar,D.S., Dr. (M) Indian Institute of Technology (Hyderabad) Sangareddy - 502 205 Telangana	50.78	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

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2855	Sensor assisted catch monitroing and level guidance system for close proximity long line and long net fishing under strong ocean current	DST-SERB-ECRA	Stuwart,L.S., Dr. (M) University College of Engineering Anna University Nagercoil - 629 004 Tamil Nadu	27.88	36
2856	Severity quantification of defects in rolling element bearings	DST-SERB-ECRA	Shakya,P., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	37.28	36
2857	Si SiC hybrid semiconductor based solid state transfomer for PV application	DST-SERB-ECRA	De,D., Dr. (M) Indian Institute of Technology (Bhubaneswar) Bhubaneswar - 751 013 Odisha	36.12	36
2858	Simultaneous electrolytic in-situ generation of hydrolyzable metal cations and hydrogen peroxide for the removal of arsenic from water medium	DST-SERB-ECRA	Nidheesh,P., Dr. (M) CSIR-National Environmental Engineering Research Institute Nagpur - 440 020 Maharashtra	34.95	36
2859	Smart dust with intelligent wireless sensor network using NEMS for monitoring of real world phenomenon	DST-SERB-ECRA	Gomathi,P., Dr. (M) N.S.N. College of Engineering & Technology Karur - 639 003 Tamil Nadu	35.03	36
2860	Static stability analysis of carbon nanotube reinforced laminated composite plate subjected to axial compressive loading	DST-SERB-ECRA	Dey,T., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	29.85	36
2861	Structural behaviour of lean duplex stainless steel tubular beams with web openings	DST-SERB-ECRA	Patton,M.L., Dr. (M) National Institute of Technology (Meghalaya) Shillong - 793 003 Meghalaya	19.04	36
2862	Studies on the perfoamance parameters of cutting tool inserts to establish the influence of surface texturing and its design parameters with elemental cramic coating minimum quantity lubricants	DST-SERB-ECRA	Balasubramaniyan,S., Dr. (F) Vignan Institute of Technology & Science Hyderabad - 500 036 Telangana	22.73	36
2863	Study and design of broad-band Frequency Selective Surfaces (FSS) structures for various RF and microwave applications	DST-SERB-ECRA	Reddy,G.S., Dr. (M) Indian Institute of Technology (Mandi) Mandi - 175 005 Himachal Pradesh	51.98	36
2864	Study of near wall flow behavior and conjugate heat transfer characteristics of turbulent plane offset jet and wall jet flow over a heated moving flat plate using low reynoids	DST-SERB-ECRA	Rathore,S.K., Dr. (M) National Institute of Technology (Patna) Patna - 800 005 Bihar	13.94	36
2865	Suitability of higher modeling approach for reactive solute transport through heterogeneous porous medium experimental and numerical study	DST-SERB-ECRA	Swami,D., Dr. (M) Indian Institute of Technology (Mandi) Mandi - 175 005 Himachal Pradesh	42.75	36
2866	Sustainable smart grid framework for energy management system incorporating avaliable renewable resources	DST-SERB-ECRA	De,M., Dr. (F) National Institute of Technology (Patna) Patna - 800 005 Bihar	20.20	36
2867	Tensor Modeling and visulization of three dimensional geospatial datasets	DST-SERB-ECRA	Nair,J.S., Dr. (F) International Institute of Information Technology Bengaluru - 560 100 Karnataka	14.84	36
2868	Text mining with lucene and hadoop document clustering with updated rules of NMF (Non negative Matrix Factroization)	DST-SERB-ECRA	Lydia,E.L., Dr. (F) Vignan Institute of Information Technology Visakhapatnam - 530 049 Andhra Pradesh	9.38	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2869	Time dependent resilience of Indian bridges under multhihazard scenarios	DST-SERB-ECRA	Basu,S., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	33.08	36
2870	Towards understanding the diffusion of misinformation in online social networks application to vaccination rumour detection	DST-SERB-ECRA	Srijith,P.K., Dr. (M) Indian Institute of Technology (Hyderabad) Sangareddy - 502 205 Telangana	23.49	36
2871	Two layer film flows down an inclined plane	DST-SERB-ECRA	Samanta,A., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	20.20	36
2872	Two phase flows and water quality in rivers	DST-SERB-ECRA	Tendiyarth,R., Dr. (F) National Institute of Technology (Patna) Patna - 800 005 Bihar	31.09	36
2873	Ultrasonic assisted fabrication of Al-MgAl2O4 insite composites using metal oxide reduction	DST-SERB-ECRA	Veeramalai,U., Dr. (F) Visvesvaraya National Institute of Technology (Nagpur) Nagpur - 440 010 Maharashtra	42.34	36
2874	Understanding the mechanism of film formation in bio-polymers based edible films and coatings for food packaging applications	DST-SERB-ECRA	Singh,K.B., Dr. (M) Shiv Nadar University Gautam Buddha Nagar Greater Noida - 201 314 Uttar Pradesh	42.16	36
2875	Wavelet entropy based multiscale performance analysis: An approach to assess and improve hydrological models	DST-SERB-ECRA	Rathinasamy,M., Dr. (M) M.V.G.R. College of Engineering Vizianagaram - 535 005 Andhra Pradesh	17.01	36
2876	Wide situational awarenss assessement using phosor measurement units	DST-SERB-ECRA	Cherukuri,M., Dr. (F) National Institute of Science & Technology NH Golanthra, Ganjam Berhampur - 175 005 Odisha	36.92	36
2877	Active vibration control of laminated composite sandwich plates in hygrothermal environment using 1-3 piezoelectric composites	DST-SERB-EMEQ	Kattimani,S., Dr. (M) National Institute of Technology (Karnataka) Department of Mechanical Engineering Surathkal - 575 025 Karnataka	47.90	36
2878	An affordable approach to treat domestic & Cesspit wastewater from community/institutional toilets using integrated anaeorbic baffled reactor technology	DST-SERB-EMEQ	Balasubramanian,A., Dr. (F) Assistant Professor Annamalai University Department of Civil Engineering Chidambaram - 608 002 Tamil Nadu	22.66	36
2879	An aqueous rechargeable battery using zinc anode & rGO-V2O5-SIO2, hybrid as cathod material	DST-SERB-EMEQ	Arun,R.K., Dr. (M) CSIR-Central Mechanical Engineering Research Institute Microsystem Technology Lab., Mahatma Gandhi Road Durgapur - 713 209 West Bengal	31.71	36
2880	Analyzing the effects of meditation with & without music on autonomous nervous system	DST-SERB-EMEQ	Atulkar,M., Dr. (M) National Institute of Technology (Raipur) Raipur - 492 010 Chhattisgarh	20.86	36
2881	Cooperative uplink-downlink carrier aggregation in ITE & WiFi in unlicensed spectrum for 3G system	DST-SERB-EMEQ	Kumar,K., Dr. (M) Assistant Professor National Institute of Technology (Hamirpur) Department of Electronics & Communication Engineering Hamirpur - 176 005 Himachal Pradesh	46.38	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2882	Design & characterization of SBVT for elastic optical networks	DST-SERB-EMEQ	Jaisingh,T., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Electronics Engineering Dhanbad - 826 004 Jharkhand	15.11	36
2883	Design & development of a heat pipe embedded solar collector based latent heat storage system for domestic application	DST-SERB-EMEQ	Das,B., Dr. (M) National Institute of Technology (Silchar) Department of Mechanical Engineering Silchar - 788 010 Assam	27.21	36
2884	Design & development of a solar pond & biomass driven thermoelectric unit for domestic power generation using inverse method	DST-SERB-EMEQ	Das,R., Dr. (M) Indian Institute of Technology (Ropar) Department of Mechanical Engineering, Nangal Road, Rupnagar Ropar - 140 001 Punjab	44.29	36
2885	Design & development of a solar updraft power plant	DST-SERB-EMEQ	Chandramohan,V.P., Dr. (M) National Institute of Technology (Warangal) Department of Mechanical Engineering Warangal - 506 004 Telangana	30.06	36
2886	Design & development of a system for climb free coconut harvesting	DST-SERB-EMEQ	Chander,A., Dr. (M) CSIR-Central Scientific Instruments Organization Mohali - 160 030 Punjab	32.56	36
2887	Design & development of axial flux switched reluctance motor based battery operated vehicle	DST-SERB-EMEQ	Palani,S., Dr. (M) S.S.N. College of Engineering Chennai - 603 110 Tamil Nadu	36.26	36
2888	Design & development of hybrid powered liquid desiccant system for air conditioning & fresh water production	DST-SERB-EMEQ	Rajneesh, Dr. (M) National Institute of Technology (Kurukshetra) Kurukshetra - 136 119 Haryana	20.30	36
2889	Design & development of innovative MOSFET & some investigations on its novel properties for industrial deployment	DST-SERB-EMEQ	Mazumdar,K., Dr. (M) Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	23.76	36
2890	Design & development of novel, highly scalable, ultrafast phase change memory for universal memory applications	DST-SERB-EMEQ	Manivannan,A., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	51.11	36
2891	Design & development of printed microstrip antennas for LTE & GPS applications	DST-SERB-EMEQ	Sekhar,M.C., Dr. (M) Kakatiya Institute of Technology & Science Opp. Yerragattu Hillock, Bheemaran Village, Koukonda Warangal - 506 015 Telangana	41.36	36
2892	Design & development of prototype hardware for efficient & automated solar powered irrigation system with pest control & weather forecasting using IoT	DST-SERB-EMEQ	Nagarajan,K.N., Dr. (F) Velammal College of Engineering & Technology Madurai - 625 009 Tamil Nadu	20.16	36
2893	Design & implementation of equivalent electrical gene model for genetic disease diagnosis	DST-SERB-EMEQ	Roy,T., Dr. (F) University of Engineering & Management Kolkata - 700 156 West Bengal	18.61	36
2894	Design & implementation of time mdoulated antenna arrays with optimal radiation pattern in both transmission & reception	DST-SERB-EMEQ	Mandal,D., Dr. (M) National Institute of Technology (Durgapur) Department of Electronics & Communication Engineering Durgapur - 713 209 West Bengal	31.17	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2895	Design, analysis & practical implementation of digital controlled islanding detection methods for grid connected photovoltaic systems	DST-SERB-EMEQ	Suryakumari,J., Dr. (F) Rajeev Gandhi Memorial College of Engineering & Technology Kurnool - 518 501 Andhra Pradesh	41.71	36
2896	Design, synthesis & characterization of high strength & wear resistant novel light weight AlTiLiMgX (X=Sc, V, Nb, Si) high entropy alloys by powder metallurgy for defence & automotive applications	DST-SERB-EMEQ	Shanmugasundaram,T., Dr. (M) Defence Institute of Advanced Technology Pune - 411 025 Maharashtra	48.96	36
2897	Detection of QRS complex of ECG signal using optimally designed preprocessor & its online monitoring	DST-SERB-EMEQ	Saha,S.K., Dr. (M) National Institute of Technology (Raipur) Raipur - 492 010 Chhattisgarh	29.32	48
2898	Developing functionalized properties on hollow ceramic microsphere for specific applications	DST-SERB-EMEQ	Shende,D.Z., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) Department of Chemical Engineering Nagpur - 440 010 Maharashtra	46.98	36
2899	Development & performance evaluation of self-lubricating nanostructured cold sprayed coatings	DST-SERB-EMEQ	Venkateshwarlu,B., Dr. (M) Vellore Institute of Technology University School of Mechanical Engineering Vellore - 632 014 Tamil Nadu	31.71	36
2900	Development of 3D printed lattice structured hip implant	DST-SERB-EMEQ	Meena,V.K., Dr. (M) CSIR-Central Scientific Instruments Organization Sector 30 Chandigarh - 160 030 Chandigarh	42.12	36
2901	Development of corection factors for standard penetration test N values in India through energy measurement & field experiments - Step towards a reliable liquefaction potential assessment	DST-SERB-EMEQ	Anbazhagan,P., Dr. (M) Indian Institute of Science Department of Civil Engineering Bengaluru - 560 012 Karnataka	26.56	48
2902	Development of electronic nose for detection of biomarker vapor blends using conductive polymer nanocomposite sensors	DST-SERB-EMEQ	Mohanraj,G.T., Dr. (M) Birla Institute of Technology (Mesra) Department of Chemical Engineering & Technology Ranchi - 835 215 Jharkhand	39.64	48
2903	Development of layered SiC ceramic filter for off-gas cleaning	DST-SERB-EMEQ	Kayal,N., Dr. (F) CSIR-Central Glass & Ceramic Research Institute 59, Lake Road, Sirsa Kolkata - 700 029 West Bengal	27.36	36
2904	Development of new approach for the enhancement of landfill capacity derived from experimental & Mathematical modeling	DST-SERB-EMEQ	Chakma,S., Dr. (M) Indian Institute of Technology (Delhi) Department of Civil Engineering, Hauz Khas New Delhi - 110 016 Delhi	15.06	36
2905	Development of Phishing E-mail detection & filtering systems	DST-SERB-EMEQ	Surwade,A.U., Dr. (M) North Maharashtra University Jalgaon - 425 001 Maharashtra	7.64	36
2906	Development of polymer & doped quantum dots blended tandem solar cells using low-cost solution processed method	DST-SERB-EMEQ	Jit,S., Dr. (M) Indian Institute of Technology (BHU) Department of Electronics Engineering, Indian Institute of Technology Varanasi - 221 005 Uttar Pradesh	44.86	36
2907	Development of polymer coated "CPE" sensors for automated quality monitoring of water used for drinking & agriculture	DST-SERB-EMEQ	Biswas,K., Dr. (F) Indian Institute of Technology (Kharagpur) Department of Electrical Engineering Kharagpur - 721 302 West Bengal	35.42	48

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2908	Development of pre/in-situ formed CNTreinforced-MgAl2O4 spinel matrix composites	DST-SERB-EMEQ	Sanfui,B.K., Dr. (M) Government College of Engineering & Ceramic Technology South 24 Parganas Kolkata - 743 330 West Bengal	30.06	36
2909	Development of real time UFMC system for mobile applications	DST-SERB-EMEQ	Anuradha,S., Dr. (F) National Institute of Technology (Warangal) Department of Electronics & Communication Engineering Warangal - 506 004 Telangana	25.76	36
2910	Devlelopment of rice hust ash based hierarchical porous zeolites & their modification for defluoridation of water	DST-SERB-EMEQ	Naskar,M.K., Dr. (M) CSIR-Central Glass & Ceramic Research Institute 196, Raja S.C. Mullick Road Kolkata - 700 032 West Bengal	25.22	36
2911	Dynamic mechanical characteristics & acoustic performance of composites containing electroless Ni-P plated nano ceramic reinforcement: An experimental approach	DST-SERB-EMEQ	Chintada,S., Dr. (F) GITAM University Visakhapatnam - 530 045 Andhra Pradesh	43.26	36
2912	Early detection of kidney abnormalities in noisy ultrasound images	DST-SERB-EMEQ	Kokil,P., Dr. (F) Indian Institute of Information Technology, Design & Manufacturing Kancheepuram Chennai - 600 127 Tamil Nadu	21.91	36
2913	Effect of frictional heat on coefficient of friction during full slip of Al6061 T6 Hertzian contacts	DST-SERB-EMEQ	Kaliveeran,V., Dr. (M) National Institute of Technology (Karnataka) Department of Applied Mechanics & Hydraulics, Surathkal Mangalore - 575 025 Karnataka	27.12	36
2914	Electrochemical synthesis of nano-wires & their physio-chemical parametric evaluations for sensor applications	DST-SERB-EMEQ	Arya,S., Dr. (M) Jammu University Jammu - 180 006 Jammu & Kashmir	49.12	48
2915	Environmentally benign amine functionalized solid sorbent for fast & reversible CO2 capture from air: Kinetics of temperature-vacuum swing adsorption/desorption system	DST-SERB-EMEQ	Saha,S., Dr. (F) Jadavpur University Kolkata - 700 032 West Bengal	43.01	36
2916	Evaluation of technical & economic potential of metal hydride thermal energy storage system for solar power generation	DST-SERB-EMEQ	Arumugam,M., Dr. (M) C.L. Patel Institute of Studies & Research in Renewable Energy Anand - 388 121 Gujarat	30.61	36
2917	Experimental investigation of a downdraft biomass gasifier using different biomass feedstocks	DST-SERB-EMEQ	Roy,P.C., Dr. (M) Jadavpur University Kolkata - 700 032 West Bengal	24.58	36
2918	Experimental investigations of prototype designed Critical Heat Flux (CHF) enhancement of high performance heat transfer nanofluids using SWCNT & MWCNT's based nanoparticles	DST-SERB-EMEQ	Sonawane,S.S., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) Department of Chemical Engineering, Near South Ambazari Road Nagpur - 440 010 Maharashtra	49.96	36
2919	Fabrication & testing of linear comb drive MEMS capacitive accelerometer for civil Structural Health Monitoring (SHM) applications	DST-SERB-EMEQ	Kavitha,S., Dr. (F) Annamalai University Chidambaram - 608 002 Tamil Nadu	42.66	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2920	Fabrication of high performance thermally, wind & sound driven flexible nanogenerator for a wide range applications	DST-SERB-EMEQ	Kumar,B., Dr. (M) Amity University Sector 125 Noida - 201 313 Uttar Pradesh	38.66	36
2921	Hardware model implementation of IEEE-57 bus power system network	DST-SERB-EMEQ	Kotapuri,M.R., Dr. (F) Vignan's Foundation for Science, Technology & Research Vadlamudi Guntur - 522 213 Andhra Pradesh	36.66	36
2922	Implementation & analysis of coupled coils at different structures with misalingnments for WPT EV battery charging	DST-SERB-EMEQ	Nayak,P.S., Dr. (M) National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	28.46	36
2923	Improvement of smart microgrid flexibility & power quality using phasor measurement unit	DST-SERB-EMEQ	Bhowmik,P.S., Dr. (M) National Institute of Technology (Durgapur) Department of Electrical Engineering, M.G. Avenue Durgapur - 713 209 West Bengal	26.40	36
2924	Improving the activity & stability of nanogel caged enzymes in presence of neoteric solvents for facile biocatalysis	DST-SERB-EMEQ	Mondal,D., Dr. (M) Jain University Jayanagar Bengaluru - 560 011 Karnataka	35.60	36
2925	Investigation of multi frequency multi-GNSS signal quality & satellites selection for navigation applications over the India	DST-SERB-EMEQ	Swamy,K.C., Dr. (M) G. Pullaiah College of Engineering & Technology Kurnool - 518 002 Andhra Pradesh	47.51	36
2926	Investigations on high mobility III-V, Ge & GeSn nano CMOS devices including radiation effects for analog/RF & logic applications	DST-SERB-EMEQ	Biswas,A., Dr. (M) Calcutta University 92, Acharya Prafulla Chandra Road Kolkata - 700 009 West Bengal	36.30	36
2927	Investigations on the cell phone tower radiation & mitigation techniques	DST-SERB-EMEQ	Selvaraj,M.D., Dr. (M) Indian Institute of Information Technology, Design & Manufacturing Kancheepuram Chennai - 600 127 Tamil Nadu	32.51	36
2928	Joining of aluminium alloy with low carbon steel by Cold Metal Transfer (CMT) arc welding process	DST-SERB-EMEQ	Mani,S.T.S., Dr. (M) Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College Chennai - 600 062 Tamil Nadu	39.96	36
2929	Joining of super austenitic stainless steel tubes by autogenous key-hole plasma technique for advanced ultra super critical boiler applications	DST-SERB-EMEQ	Selvarajan,R., Dr. (M) Annamalai University Chidambaram - 608 002 Tamil Nadu	43.26	36
2930	Machine based behavioural multiparametric pain assessment system	DST-SERB-EMEQ	Londhe,N.D., Dr. (M) National Institute of Technology (Raipur) Department of Electrical Engineering Raipur - 492 010 Chhattisgarh	23.56	36
2931	Mechanochemical milling & low temperature sintering of nanostructured MgAI204	DST-SERB-EMEQ	Sarkar,D., Dr. (M) National Institute of Technology (Rourkela) Department of Ceramic Engineering Rourkela - 769 008 Odisha	41.36	36
2932	Miniaturized microwave filters using novel metamaterial resonators	DST-SERB-EMEQ	Madanan,G., Dr. (M) Maharaja's College Ernakulam - 682 011 Kerala	39.00	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2933	Mining socio-economic factors affecting agricultural productivity in Sambalpur District, Odisha State: Soft computing based machine learning approaches	DST-SERB-EMEQ	Naik,B., Dr. (M) Veer Surendra Sai University of Technology Burla Sambalpur - 768 018 Odisha	19.06	36
2934	Neem-seed based nanocapsules & nanomedicine for targeted drug delivery & Cancer therapy	DST-SERB-EMEQ	Paik,P., Dr. (M) Indian Institute of Technology (BHU) Unnao - 221 005 Uttar Pradesh	40.46	36
2935	Non-contact method of vibration as well as velocity parameters estimation based on Goertzel Algorithm in PLL technique	DST-SERB-EMEQ	Singh,K.M., Dr. (M) National Institute of Technology (Meghalaya) Bijni Complex Shillong - 793 003 Meghalaya	30.18	36
2936	Novel solutions using innovations on the proposed LTE-A D2D communication model for smart goverance in the 5G Era	DST-SERB-EMEQ	Sardar,B., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	36.56	36
2937	Novel, non-thermal, energy efficient, industrially scalable Hydrodynamic Cavitation (HC) processing of milk for enahnced nutrients & shelf life extension	DST-SERB-EMEQ	Arya,S.S., Dr. (F) Institute of Chemical Technology Department of Food Engineering & Technology Mumbai - 400 019 Maharashtra	43.06	36
2938	Optimization techniques for network layer protocols in internet of things	DST-SERB-EMEQ	Kumar,S.M.D., Dr. (M) Associate Professor University Visvesvaraya College of Engineering Department of Computer Science & Engineering Bengaluru - 560 065 Karnataka	36.56	36
2939	Partition recovery of wireless sensor networks with the integration of Unmanned Aerial Vehicles (UAVs)	DST-SERB-EMEQ	Ranga,V., Dr. (M) National Institute of Technology (Kurukshetra) Department of Computer Engineering Kurukshetra - 136 119 Haryana	13.68	36
2940	Prevention of prenatal death using enhancement of signal to noise ratio in fetal electrocardiogram extraction	DST-SERB-EMEQ	Mahamuni,S., Dr. (F) Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College Chennai - 600 092 Tamil Nadu	16.96	36
2941	Process intensification of biodiesel synthesis from non-edible oil via superheated propanol injection technique	DST-SERB-EMEQ	Halder,G., Dr. (M) National Institute of Technology (Durgapur) Mahatma Gandhi Avenued Durgapur - 713 209 West Bengal	31.51	36
2942	Providing limbic support to a partially paralytic person by generating movement to his/her paralytic hand by imitating the gesture of the other healthy hand & also develop 'sensation to touch' to it	DST-SERB-EMEQ	Roy,A.H., Dr. (F) Calcutta University 87, College Street, Sector 1, College Square Kolkata - 700 073 West Bengal	32.26	36
2943	Realisation of MEMs tunable fabry perot filter for IR imaging	DST-SERB-EMEQ	Shanmugapriya,M., Dr. (F) Anna University Department of Electronics Communication Engineering Chennai - 600 025 Tamil Nadu	31.37	36
2944	Smart Health Mobile Case (SHMC): A design of remote health monitoring kit using Internet of Things (IoT)	DST-SERB-EMEQ	Samydurai,A., Dr. (M) Valliammai Engineering College Chennai - 603 203 Tamil Nadu	11.50	24
2945	Spirograph based non-woven fibre mat reinforced polymer composite fabrication with near isotropic mechanical property	DST-SERB-EMEQ	Siddharthan,A., Dr. (M) Anna University Chennai - 600 025 Tamil Nadu	47.36	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2946	Studies on Sophorolipids (Biosurfactant) induced phytoremediation of heavy metal contaminated So.1	DST-SERB-EMEQ	Daverey,A., Dr. (M) Doon University Dehradun - 248 012 Uttarakhand	38.68	36
2947	Study of shrinkage void distribution in latent heat thermal energy storage	DST-SERB-EMEQ	Saha,S.K., Dr. (M) Indian Institute of Technology (Bombay) Department of Mechanical Engineering, Powai Mumbai - 400 076 Maharashtra	48.96	36
2948	Study on the reclamation of wasteland using treated/untreated urban wastewater	DST-SERB-EMEQ	Sundararaj,C., Dr. (M) Thiagarajar College of Engineering Madurai - 625 015 Tamil Nadu	19.06	36
2949	Synthesis & characterization of TiO2/MnO2 NWs assembly for photodetector application	DST-SERB-EMEQ	Chinnamuthu,P., Dr. (M) National Institute of Technology (Nagaland) Department of Electronics & Communication Engineeing, Chumukedima Dimapur - 797 103 Nagaland	41.61	36
2950	Technology development for the support & improvement of speech-language impaired people	DST-SERB-EMEQ	Krishnaveni,M., Dr. (F) Assistant Professor Avinashilingam Institute for Home Science & Higher Education for Women Department of Computer Science Coimbatore - 641 043 Tamil Nadu	28.28	48
2951	The near future air cathode Osmotic Microbial Fuel Cell (OMFC) for waste water treatment, electricity generation & pure water extraction	DST-SERB-EMEQ	Mungray,A.A., Dr. (F) Sardar Vallabhbhai National Institute of Technology (Surat) Department of Chemical Engineering Surat - 395 007 Gujarat	28.46	36
2952	Timestamp aware aberrant detection & analysis in big visual data using deep learning architecture	DST-SERB-EMEQ	Vipparthi,S.K., Dr. (M) Malaviya National Institute of Technology (Jaipur) Department of Computer Science & Engineering Jaipur - 302 017 Rajasthan	19.88	36
2953	Variable frequency ultrasonic treatment on microstructure & dry sliding wear behavior of Mg alloy/UHTC composite	DST-SERB-EMEQ	Gnanavelbabu,A., Dr. (M) Anna University Chennai - 600 025 Tamil Nadu	46.56	36
2954	Design & development of energy efficient permanent magnet assisted refluctance motor drives for pump application	DST-SERB-IRRD	Kamaraj,V., Mr. (M) S.S.N. College of Engineering B 1, First Floor, Flamingo Flats, Kannabiran Koil Street, Pallikaranai Chennai - 600 100 Tamil Nadu	21.19	36
2955	A localized microgrid to power an off grid locality	DST-SERI	Jhunjhunwala,A., Prof. (M) Indian Institute of Technology (Madras) Department of Electrical Engineering, Guindy Chennai - 600 036 Tamil Nadu	358.27	24
2956	Cooperative isolated renewable energy systems for enhancing reliability of power in rural areas	DST-SERI	Yaragatti,U.K.R., Prof. (M) Malaviya National Institute of Technology (Jaipur) Malaviya Nagar Jaipur - 302 017 Rajasthan	281.24	24
2957	Design & demonstration of off-grid self-healing & sustainable DC community energy solutions	DST-SERI	Verma,V., Dr. (M) Professor Delhi Technological University Department of Electrical Engineering, Bawana Road Delhi - 110 042 Delhi	258.05	24
2958	Design & development of biomass - solar electricity & cooling solutions for rural India	DST-SERI	Mishra,S., Dr. (M) Professor Indian Institute of Technology (Delhi) Department of Electric Engineering, Hauz Khas New Delhi - 110 016 Delhi	398.88	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2959	Development, research & pilot scale installation of solar-hydro pumped stoarge scheme in a remote village of Assam to ensure 24x7 electricity	DST-SERI	Chaudhury,S., Dr. (F) Professor Visva Bharati University Department of Environmental Studies, Institute of Science Santiniketan - 731 235 West Bengal	260.68	24
2960	DST Solar Energy Harnessing Centre	DST-SERI	Rao,M.S., Prof. (M) Indian Institute of Technology (Madras) Department of Physics, Guindy Chennai - 600 036 Tamil Nadu	3973.78	36
2961	Efficient portable standard - Alone vaccine refrigerator for rural application	DST-SERI	Joshi,S.T.G., Dr. (M) Principal Engineer Centre for Development of Advanced Computing (C-DAC) Thiruvananthapuram - 695 033 Kerala	131.88	24
2962	Intelligent off grid system for energy sustainable village	DST-SERI	Rajasekar,N., Dr. (M) Professor Vellore Institute of Technology University Department of Energy & Power Electronics, School of Electrical Engineering Vellore - 632 014 Tamil Nadu	240.88	24
2963	Socializing the micro-solar dome: Empowering rural SC, ST & tribal communities through solar illumination & solar electricity	DST-SERI	Patnaik,P., Prof. (M) Head Indian Institute of Technology (Kharagpur) Department of Humanities & Social Sciences Kharagpur - 721 302 West Bengal	1157.92	24
2964	Sustainable Energy storage Suitable for Microgrid (+987SENSUM)	DST-SERI	Ghosh,I.P.C., Dr. (M) Professor Indian Institute of Technology (Bombay) Department of Energy Science & Engineering, Powai Mumbai - 400 076 Maharashtra	234.96	24
2965	Uneven span Greenhouse integrated Semitransparent Photovoltaic Thermal (GiSPVT) system for agriculural applications	DST-SERI	Khan,M.E., Prof. (M) Jamia Millia Islamia Department of Mechanical Engineering, Faculty of Engineering & Technology, Jamia Nagar New Delhi - 110 025 Delhi	260.84	24
2966	Adaptation strategies of rice varieties of Indo- Gangetic plains to climate change	DST-SPLICE-CCP	Pandey,V., Dr. (M) Principal Scientist CSIR-National Botanical Research Institute Rana Pratap Marg Lucknow - 226 001 Uttar Pradesh	184.87	36
2967	Adapting to and mitigating ecological and socio-economic impacts of climate change: Training and capacity building	DST-SPLICE-CCP	Devy,S., Dr. (M) Ashoka Trust for Research in Ecology & the Environment Royal Enclave, Srirampura Post Jakkur Bengaluru - 560 064 Karnataka	121.29	36
2968	Aerosol-cloud interaction and response for extreme weather events over the Himalayan Region	DST-SPLICE-CCP	Tyagi,B., Dr. (M) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	23.30	36
2969	Agricultural productivity in climate change scenarios: Impacts and adaptation pathways	DST-SPLICE-CCP	Kumar,S.N., Dr. (M) Professor & Principal Scientist ICAR-Indian Agricultural Research Institute Pusa New Delhi - 110 012 Delhi	232.46	36
2970	Ambient and indoor air pollution in pregnancy on the risk of low birth weight and ensuing effects in infants (Apple); A cohort study in south India	DST-SPLICE-CCP	Babu,G.R., Dr. (M) Additional Professor Indian Institute of Public Health Public Health Foundation of India, Besides Leprosy Hospital, 1st Cross Magadi Road Bengaluru - 560 023 Karnataka	51.31	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2971	Assessment of the vulnerability on the Indian coast due to tropical cyclones in the context of climate change	DST-SPLICE-CCP	Raju,P.V.S., Dr. (M) Professor Amity University Centre for Ocean Atmospheric Science & Technology, Interdisciplinary Centre for Climate Research & Policy, Kant Kalwar Jaipur - 303 007 Rajasthan	41.00	36
2972	Atmospheric aerosol chemistry over marine region and its impact on biogeochemistry of north Indian Ocean	DST-SPLICE-CCP	Kumar,A., Dr. (M) CSIR-National Institute of Oceanography Dona Paula - 403 004 Goa	66.90	36
2973	Building Resilience of climate change and Improving Food Security through climate smart solution (BRIFS)	DST-SPLICE-CCP	Geethalakshmi,V., Dr. (F) Professor Agricultural College & Research Institute. Department of Agronomy, Tamil Nadu Agricultural University Madurai - 625 104 Tamil Nadu	241.17	36
2974	Chemical composition & source appointment of aerosol using receptor models at urban sites of the Himalayan region of India	DST-SPLICE-CCP	Sharma,S.K., Dr. (M) CSIR-National Physical Laboratory Division Environmental Sciences & Biomedical Metrology New Delhi - 110 012 Delhi	71.72	36
2975	Climate change impacts on coastal infrastructure and the adaptation strategies	DST-SPLICE-CCP	Sannasiraj,S.A., Dr. (M) Professor Indian Institute of Technology (Madras) Department of Ocean Engineering Chennai - 600 036 Tamil Nadu	860.20	60
2976	Conservation and sustainable usage of floral diversity in Tamil Nadu coastal region	DST-SPLICE-CCP	Rajasekaran,C., Dr. (M) Associate Professor Vellore Institute of Technology University Department of Biotechnology, School of Bio-Sciences & Technology Vellore - 632 014 Tamil Nadu	71.01	36
2977	Development and testing of heat action plan in 8 cities of India	DST-SPLICE-CCP	Mavalankar,D., Dr. (M) Director Indian Institute of Public Health Gandhinagar - 382 042 Gujarat	52.08	36
2978	DST-Centre of Excellence in Climate Studies, IIT, Bombay	DST-SPLICE-CCP	Karmakar,S., Dr. (M) Associate Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	671.17	60
2979	DST-ICRISAT Centre of Excellece on Climate Change Research for Plant Protection (CoE-CCRPP): Pest and disease management for climate change adaptation	DST-SPLICE-CCP	Sharma,M., Dr. (M) Principal Scientist International Crops Research Institute for the Semi-Arid Tropics Patancheru - 502 324 Telangana	704.27	60
2980	Dust or soot? Tracing the primary drivers of increased glacial melt of the Himalayan glaciers	DST-SPLICE-CCP	Sen,I.S., Dr. (M) Indian Institute of Technology (Kanpur) Department of Earth Science, WLE 201 Kanpur - 208 016 Uttar Pradesh	63.22	36
2981	Enhancing resilience of rice-based production systems to climate change	DST-SPLICE-CCP	Nayak,A.K., Dr. (M) Principal Scientist & Head ICAR-National Rice Research Institute Division of Crop Producation Cuttack - 753 006 Odisha	239.87	36
2982	Establishing/ strengthening the state climate change cell under NMSKCC (SCCC-NMSKCC) in the state of Haryana	DST-SPLICE-CCP	Chauhan,R.K., Dr. (M) Joint Director Government of Haryana Department of Environment, SCO No 1-3, 2nd Floor Sector-17D Chandigarh - 160 017 Chandigarh	200.90	60

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2983	Establishment of Maharashtra State Knowledge Management Centre on Climate change (SKMCC)	DST-SPLICE-CCP	Diggikar,A., Dr. (M) Principal Secretary Government of Maharashtra Departmen of Envronment, 217, Annex Building, Mantralaya, Madam Cama Road Mumbai - 400 032 Maharashtra	261.75	60
2984	Human capacity building programmes under national mission for strategic knowledge on climate change	DST-SPLICE-CCP	Jayaraman,T., Dr. (M) Professor & Chairperson Tata Institute of Social Sciences Centre for Science Technology & Society, V.N. Purav Marg, Deonar Mumbai - 400 088 Maharashtra	106.22	36
2985	Human surface thermographic profiling as indicator of climate susceptibility & impact mitigation through localized social networking	DST-SPLICE-CCP	Nag,P.K., Prof. (M) Ramakrishna Mission Vivekananda University Howrah - 711 202 West Bengal	69.43	36
2986	Is air pollution and climate change a stroke risk factors? With special references to stroke in young Indians and Ischme subtypes: A multi-centre study	DST-SPLICE-CCP	Srivastava,M.V.P., Dr. (F) Professor & Head All India Institute of Medical Sciences Unit II Neurology, Ansari Nagar New Delhi - 110 029 Delhi	59.11	36
2987	Mahamana Center of Excellence in Climate Change Research	DST-SPLICE-CCP	Mall,R.K., Dr. (M) Professor Banaras Hindu University Institute of Environment & Sustainable Development Varanasi - 221 005 Uttar Pradesh	844.68	60
2988	Observation of nanoparticles in a polluted environment: From sub-5nm to CCN-active sizes	DST-SPLICE-CCP	Kanawade,V.P., Dr. (M) Hyderabad University University Centre for Earth & Space Sciences, Prof. C.R. Rao Road, Gachibowli Hyderabad - 500 046 Telangana	70.03	36
2989	Occupational heat stress implications on renal health in the context of climate change	DST-SPLICE-CCP	Venugopal,V., Dr. (M) Professor Sri Ramachandra University Department of Environmental Health Engineering, Porur Chennai - 600 116 Tamil Nadu	51.89	36
2990	Prediction of Dengue with climate change over Delhi: A statistical analysis and development of warning system	DST-SPLICE-CCP	Magotra,R., Dr. (M) Assistant Director Intergrated Research & Action for Development C-80, Shivalik Main Road, Malviya Nagar New Delhi - 110 017 Delhi	48.86	36
2991	Strengthening state climate change cell	DST-SPLICE-CCP	Murugeasan,K., Dr. (M) Director Environment/S. Secetary Government of Odisha Department of Forest & Environment Bhubaneswar - 751 008 Odisha	228.62	60
2992	Strengthening state climate change cell of Arunachal Pradesh under National Mission for Sustaining of Himalayan Eco-system (NMSHE)	DST-SPLICE-CCP	Robin,D., Dr. (M) Dy. Director Government of Arunachal Pradesh Department of Environment & Forests, PCCF Office Complex, Zero Point, Tinali Itanagar - 791 111 Arunachal Pradesh	204.36	36
2993	Understanding secondary organic aerosol formation, source apportionment & modelling in the Indo-Gangetic plain	DST-SPLICE-CCP	Ram,K., Dr. (M) Banaras Hindu University Institute of environment & Sustainable Development Varanasi - 221 005 Uttar Pradesh	68.15	36
2994	Understanding the role of local & transported biogenic & anthropogenic aerosols on microphysical and chemical properties of low-level clouds over Eastern Himalaya, India	DST-SPLICE-CCP	Chatterjee,A., Dr. (M) Bose Institute P1/12 CIT Scheme VIIM Kolkata - 700 054 West Bengal	74.09	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
2995	Analyzing big data in twitteer for identifying concerns - inputs in digital payments & telecommunication	DST-SYST	Kar,A.K., Dr. (M) Indian Institute of Technology (Delhi) Department of Management Studies, Hauz Khas New Delhi - 110 016 Delhi	11.13	36
2996	Design & development of ICT- enabled cloud based mobile application for the self-promotion of products developed by self-help groups	DST-SYST	Brindha,M., Ms. (F) National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	27.21	36
2997	Design & development of innovation leather lifestyle products in combination with ethnic textile material & natural fibres of north eastern part of India for the self-sustainability & socio-economic development of rural population in that region	DST-SYST	Karthikeyan,K., Mr. (M) CSIR-Central Leather Research Institute Centre for Leather Apparl/Accessories Development, Adyar Chennai - 600 020 Tamil Nadu	16.91	36
2998	Design & development of LOT based low cost water quality monitoring & reporting system for aquaculture	DST-SYST	Hargovindan,V.P., Dr. (M) National Institute of Technology (Puducherry) NH 32, Karaikal Puducherry - 609 609 Puducherry	17.31	36
2999	Development of a smart monitoring system for health & oestrous of dairy cows in remote location	DST-SYST	Chanak,P., Dr. (M) Atal Bihari Vajpayee-Indian Institute of Information Technology & Management Morena Link Road Gwalior - 474 015 Madhya Pradesh	31.12	36
3000	Development of ecofriendly, functionalized nanocomposites for simultaneous removal of multiple hazardous metals & herbicides from water	DST-SYST	Mishra,S., Dr. (F) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	29.70	36
3001	Development of pico hydro-solar-wind-hybrid system with phytoremediation in tribal/hilly areas	DST-SYST	Sabat,R.R., Mr. (M) Gandhi Institute of Engineering & Technology P.O. Kharling, Gunupur Rayagada - 765 022 Odisha	31.78	36
3002	Development of prototype lantern powdered by spent laptop batterieis	DST-SYST	Methekar,R.N., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) Department of Chemical Engineering Nagpur - 440 010 Maharashtra	12.01	36
3003	Development of solar-powered autonomous road reflectors	DST-SYST	Veerappan,G., Dr. (M) International Advanced Research Centre for Powder Metallurgy & New Materials Mallapur Village, Balapur Hyderabad - 500 005 Telangana	24.63	36
3004	Development of wireless sensor network for online monitoring & control in smart micro grid application	DST-SYST	Moorthi,S., Dr. (M) National Institute of Technology (Tiruchirapalli) Department of Electrical & Electronics Engineering Tiruchirappalli - 620 015 Tamil Nadu	20.09	36
3005	Low cost implant functionalization material for biomedical applications in hospitals	DST-SYST	Sharma,M., Ms. (F) 87, M.C. Colony Hisar - 125 001 Haryana	32.38	36
3006	MobiSStick: Mobile enabled Smart Stick for visually impaired persons	DST-SYST	Tripathi,M., Ms. (F) Malaviya National Institute of Technology (Jaipur) Jaipur - 302 017 Rajasthan	14.45	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3007	Nanosensor for fluid mass flow rate measurement for biomedical applications	DST-SYST	Shanmugavalli,M., Dr. (M) Saranathan College of Engineering Venkateswara Nagar, Trichy-Madurai Main Road, Edamalaipatti Pudhur, Panjappur Tiruchirappalli - 620 012 Tamil Nadu	27.40	36
3008	Novel biodegradable cutting fluid development for industrial application	DST-SYST	Katna,R., Mr. (M) Delhi Institute of Tool Engineering Maa Anandmayi Marg, Okhla Industrial Area, Phase II New Delhi - 110 020 Delhi	17.74	36
3009	Small scale wind tubine generator optimized for low wind speeds	DST-SYST	Gill,H.S., Mr. (M) Chandigarh University Gharuan Mohali - 140 413 Punjab	23.39	36
3010	Smarphone imaging aided point of care dipstick platform for heavy metals sensing in water	DST-SYST	Pooja,D., Ms. (F) CSIR-Central Scientific Instruments Organization Sector 30 Chandigarh - 160 030 Chandigarh	26.04	36
3011	Sustainable management of heavy metal pollution for better health with cost effective green clean & eco-friendly technology	DST-SYST	Sharma,P., Ms. (F) Guru Nanak Dev University Amritsar - 143 001 Punjab	22.44	36
3012	Technology intervention in product design for the elderly-case studies on umbrella & stick designs	DST-SYST	Mukherjee,B., Dr. (M) Indian Institute of Information Technology, Design & Manufacturing Jabalpur - 482 005 Madhya Pradesh	15.69	36
3013	Value addition in waste foundry sand from Belgaum Foundary cluster & red mud from Hindalco for use as a low cost civil construction material	DST-SYST	Beulah,M., Dr. (M) Christ University Mysore Road, P.O. Kumbalagodee, Kanminike Bengaluru - 560 074 Karnataka	20.53	36
3014	Air purification device for harmful pollutant & VOC sequestration: Economical & reusable	DST-TDP	Bagchi,V., Dr. (M) Scientist C Institute of Nano Science & Technology Habitat Centre, Phase 10, Sector 64 Mohali - 160 062 Punjab	35.97	24
3015	Compact plasmon-based bio-sensor & imager	DST-TDP	Vijaya,R., Prof. (M) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	77.61	36
3016	Design & development of crack detection system in steel bridges using acoustic emission technique	DST-TDP	Todpar,P., Dr. (M) Assistant Professor National Institute of Technology (Durgapur) Department of Civil Engineering Durgapur - 713 209 West Bengal	88.64	24
3017	Development & demonstration of enhanced performance of commercial automotive vehicle with alternative transportation fuel	DST-TDP	Subramanian,K.A., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	200.26	36
3018	Development of a device for monitoring sub bandage pressure of compression bandages under static & dynamic conditions	DST-TDP	Alaglrusamy,R., Prof. (M) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	27.59	36
3019	Development of an explosive detection system using Surface Enhanced Raman Scattering (SERS) process	DST-TDP	Dubey,S.K., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	75.30	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3020	Development of fluorine doped graphene based Titania photocatalytic membranes for water treatment applications	DST-TDP	Sivakumar,T., Dr. (M) Associate Professor Anna University Department of Applied Science & Technology Chennai - 600 025 Tamil Nadu	64.29	36
3021	Development of high performance adsorbents for petrochemical applications	DST-TDP	Mohanty,P., Dr. (M) Associate Professor Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	160.25	36
3022	Development of pulp extraction machine for Jamun	DST-TDP	Bakane,P.H., Mr. (M) Associate Professor Dr. Panjabrao Deshmukh Krishi Vidyapeeth Akola - 444 104 Maharashtra	11.07	12
3023	Development of technology to replicate soil system-structure interaction under broad band excitations	DST-TDP	Babu,S.S., Dr. (M) Professor Adhiyamaan College of Engineering Dr.M.G.R. Nagar, Hosur Namakkal - 635 109 Tamil Nadu	127.78	36
3024	Development of three layer Geomembrane using Plasma technology for adverse environment applications	DST-TDP	Nema,A.K., Dr. (M) Manager (T) Central Institute of Plastics Engineering & Technology Vatva Ahmedabad - 382 445 Gujarat	89.41	36
3025	Development of value added Geopolymer aggregated using iron ore mine tailings - A sustainable solution	DST-TDP	Das,B.B., Dr. (M) Assistant Professor National Institute of Technology (Karnataka) Surathkal Mangalore - 575 025 Karnataka	32.36	36
3026	IoT enabled cordial analyzer for farmers: A spot analyzeer with Agile sensing technologies for smart irrigation	DST-TDP	Fred,A.L., Dr. (M) Professor & Principal Mar Ephraem College of Engineering & Technology Malankai Hills, Elavuvilai Marthandam - 629 171 Tamil Nadu	54.48	36
3027	Multi-functional high range electrostatic sprayer	DST-TDP	Patel,M.K., Mr. (M) Scientist CSIR-Central Scientific Instruments Organization Chandigarh - 160 030 Chandigarh	23.09	24
3028	Performance enhancement of vapor compression refrigeration system of small capacity using ejector as an expansion device	DST-TDP	Sachdeva,G., Dr. (M) Assistant Professor National Institute of Technology (Kurukshetra) Kurukshetra - 136 119 Haryana	14.32	36
3029	Process Development of Potato Bio Refinery	DST-TDP	Mandavgane,S.A., Dr. (M) Associate Professor Visvesvaraya National Institute of Technology (Nagpur) South Ambazari Road Nagpur - 400 010 Maharashtra	66.92	36
3030	Shape memory technology for smart textiles	DST-TDP	Kumar,B., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	71.20	36
3031	Technology development to prevent moisture damage susceptibility of recycled mixes for Bituminous pavement	DST-TDP	Singh,D., Mr. (M) Assistant Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	82.68	36
3032	Bio mediated cementation for concrete problems	DST-TIASN	Goyal,S., Dr. (F) Thapar University Department of Civil Engineering Patiala - 147 004 Punjab	42.12	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3033	Scientifc management of natural resource for sustainable development in Uttarakhand	DST-TIASN	Purohit,B.P., Dr. (M) Uttarakhand State Council for Science & Technology Viiighyam Dham, Jhajra Dehradun - 248 007 Uttarakhand	630.54	36
3034	Skill upgradation & awareness of Zardozi cluster in Varanasi by innovating & transforming art	DST-TIASN	Singh,A.K., Dr. (M) Sai Institute of Rural Development A29, Badshah Bag Colony, Lallapur Varanasi - 221 010 Uttar Pradesh	27.53	36
3035	A low cost hand & arm rehabilitation system	DST-TIDE	Nair,B.B., Dr. (M) Amrita Vishwa Vidyapeetham Department of Electronics & Communication Engineering Coimbatore - 641 112 Tamil Nadu	20.94	24
3036	An artificial intelligence based non-invasive system for the identification & assessment of children with Autism Spectrum Disorders	DST-TIDE	Menaka,R., Dr. (F) Vellore Institute of Technology University School of Electronics Engineering Chennai - 600 127 Tamil Nadu	20.56	36
3037	An artificial intelligence based non-invasive system for the identification & assessment of children with Autism Spectrum Disorders	DST-TIDE	Perumal,R.C., Mr. (M) Sri Ramachandra Medical College & Research Institute Speech & Language Center, Porur Chennai - 600 116 Tamil Nadu	20.56	36
3038	An intelligent tutoring system for children with learning disabilities - Dyslexia, Dysgraphia & Dyscalculia	DST-TIDE	Ahuja,N.J., Dr. (F) University of Petroleum & Energy Studies Centre for Information Technology, Bidholi Campus Via Prem Nagar Dehradun - 248 007 Uttarakhand	42.15	30
3039	Design & development of a low cost foot therapy device for plantar fasciitis & other foot problems	DST-TIDE	Ravindra,J.V.R., Dr. (M) Vardhaman College of Engineering Department of Electronics & Communication Engineering, Shamshabad Hyderabad - 501 218 Telangana	46.08	24
3040	Design & development of a Power Assistive Hybrid E-Trike (PAH E-Trike) for differently abled person in rural & urban regions of India	DST-TIDE	Belgamwar,S.U., Dr. (M) Birla Institute of Technology & Science (Pilani) Department of Mechanical Engineering Pilani - 333 031 Rajasthan	33.88	24
3041	Design & development of a Power Assistive Hybrid E-Trike (PAH E-Trike) for differently abled person in rural & urban regions of India	DST-TIDE	Botre,B.A., Dr. (M) CSIR-Central Electronics Engineering Research Institute Department of Digital System Group Jhunjhunu - 333 031 Rajasthan	33.88	24
3042	Design & development of a prototype wearable spectacle device to get audio/speech from image documents & moving text	DST-TIDE	Velaga,S.M., Dr. (M) G.M.R. Institute of Technology Department of Computer Science & Engineering Rajam - 532 127 Andhra Pradesh	34.64	36
3043	Design & development of a tool for childhood austim grading using soft computing techniques	DST-TIDE	Selvi,C.S.K., Dr. (F) Kongu Engineering College Department of Computer Science & Engineering, Perundurai Erode - 638 052 Tamil Nadu	20.62	36
3044	Design & fabrication of video laryngoscope with styletoscope integrated with mobile phone to overcome difficulty in airway management of elderly	DST-TIDE	Shetty,B.P., Dr. (M) Nitte Meenakshi Institute of Technology Department of Mechanical Engineering,Yelanhanka Bengaluru - 560 064 Karnataka	57.32	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3045	Design of personal assistant system for Alzheimer patients	DST-TIDE	Surendran,D., Dr. (M) Sri Krishna College of Engineering & Technology Department of Computer Science & Engineering Coimbatore - 641 008 Tamil Nadu	57.38	24
3046	Development of an automatic multipurpose bed for paralytic attacked differentlyabled & elderly persons	DST-TIDE	Balamurugan,P., Dr. (M) Sri Krishna College of Engineering & Technology Department of Mechatronics Engineering, Kuniamuthur Coimbatore - 641 008 Tamil Nadu	62.82	36
3047	Development of communication resources on technolgoical interventions for differently abled & elderly: Popularize locally adaptable technologies for real life gains	DST-TIDE	Kumar,B.B., Dr. (M) Vigyan Prasar A-50, Institutional Area, Sector 62 Noida - 201 309 Uttar Pradesh	13.33	12
3048	Frequency modulated hearing aid for elderly with hearing disability	DST-TIDE	Swamy,K.A., Dr. (M) Sree Vidyanikethan Engineering College Department of Electronics & Instrumentation Engineering Chittoor - 517 102 Andhra Pradesh	54.13	30
3049	Indoor navigation using real time image recognition Algorithms	DST-TIDE	Akilandeswari,J., Dr. (F) Sona College of Technology Department of Information Technology Salem - 636 005 Tamil Nadu	73.58	36
3050	Performance improvement in digital hearing aids systems using reconfigurable filter	DST-TIDE	Purushothaman,V., Dr. (M) Vel Tech Dr. Rangarajan & Dr. Sagunthala Technical University Department of Electronics & Communication Engineering, Avadi Chennai - 600 062 Tamil Nadu	28.28	24
3051	Speech-input Speech-Output Communication Aid (SISOCA) for speakers with Cerebral Plasy	DST-TIDE	Vijayalakashmi,P., Dr. (F) S.S.N. College of Engineering Department of Electronics & Communication Engineering Chennai - 603 110 Tamil Nadu	13.73	24
3052	Livelihood improvement & drudgery reduction through appropriate livestock technologies & biomass enhancement in Kumoun Himalayas	DST-TIME-LEARN	Tewari,P., Dr. (M) Central Himalayan Environment Association 06, Waldorf Compound, Mallital Nainital - 263 001 Uttarakhand	30.83	36
3053	Anaerobic co-digestion of FOG (Fats, Oils & Grease) containing sludge from dairy industry using novel pre-treatment & integration with membrane bioreactor for zero discharge	DST-WMT	Mudliar,S., Dr. (M) Principal Scientist CSIR-Central Food Technological Research Institute Department of Plant Cell Biotechnology Mysore - 570 020 Karnataka	144.64	36
3054	Development of anode from petroleum pitch for high temperature electrolysis	DST-WMT	Balasubramanian,N., Dr. (M) Professor Anna University Department of Chemical Engineering, A.C. Technology Chennai - 600 025 Tamil Nadu	9.02	12
3055	Development of fused filament deposition based 3D printer & green filament from recycled e-wastes & plastic wastes	DST-WMT	Thirumal,P., Dr. (M) Associate Professor & Head Government College of Engineering Madepalli, Bargur Krishnagiri - 635 104 Tamil Nadu	36.58	24
3056	Environmentally safe disposal of refinery sludges via catalytic conversion to value-added hydrocarbons	DST-WMT	Parikh,P.A., Dr. (M) Professor Sardar Vallabhbhai National Institute of Technology (Surat) Ichchhanath Surat - 395 007 Gujarat	6.71	12

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3057	Feasibility study on safe disposal of industrial spent solvents & chemical waste using thermal plasma technology	DST-WMT	Maiti,S., Dr. (F) Senior Scientist CSIR-Central Salt & Marine Chemicals Research Institute Vidya Nagar Bhavnagar - 364 002 Gujarat	22.46	12
3058	Field demonstration of Geopolymerization of fly ash & GGSB in the manufacturing process of precast building products for construction of utility buildings	DST-WMT	Rajamane,N.P., Dr. (M) S.R.M. University S.R.M. Research Institute Kattankulathur - 603 203 Tamil Nadu	105.19	36
3059	Integrated & sustainable sewage & organic solid waste treatment for decentralized applications	DST-WMT	Rao,A.G., Dr. (M) Sr. Principal Scientist CSIR-Indian Institute of Chemical Technology Divisionof Environmental Engineering & Fossil Fuel Hyderabad - 500 007 Telangana	56.52	36
3060	Investigation on sustainable degradation of municipal solid waste	DST-WMT	Singh,D.N., Dr. (M) Chair Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	97.34	36
3061	Microbial aided verm stabilization of textile industry sludges: A low-cost sustainable technology over conventional systems with potential for decentralization in the textile valley of Tamil Nadu	DST-WMT	Senthilkumar,S., Dr. (M) Associate Professor National College Department of Biotechnology, IOB Nagar, Karunandam Tiruchirappalli - 620 001 Tamil Nadu	10.78	12
3062	Microwave assisted chemical recycling of polymer waste for value added applications	DST-WMT	Sabnis,A.S., Dr. (M) Assistant Professor Institute of Chemical Technology Nathalal Parekh Marg, Matunga Mumbai - 400 019 Maharashtra	8.42	12
3063	Pilot scale studies on rotary drum composting & Anaerobic Biphased Baffled Reactor (ABBR) technology for bio methanation of industrial sludges & aquatic weeds	DST-WMT	Kalamdhad,A., Dr. (M) Associate Professor Indian Institute of Technology (Guwahati) Department Civil Enginnering Guwahati - 781 039 Assam	103.68	36
3064	Processing of vegetable oil refinery & oleochemical waste streams for regeneration of value added nutraceuticals & speciality chemicals	DST-WMT	Kulkarni,R.D., Prof. (M) Head Institute of Chemical Technology Nathalal Parekh Marg, Matunga Mumbai - 400 019 Maharashtra	21.19	12
3065	Recycling of chrome shavings, a solid waste from leather industry for production of dehairing protease by Bacillus cereus VITSNO4: A scale-up standardization for industrial use	DST-WMT	Shanthi,C., Dr. (F) Professor Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	22.57	12
3066	Sustainable processes for the development of Keratin hydrolysate for the use as fertilizer, animal feed & pet food	DST-WMT	Pandit,A.B., Prof. (M) Institute of Chemical Technology Department of Chemical Engineering, Nathalal Parekh Marg, Matunga Mumbai - 400 019 Maharashtra	70.84	36
3067	Upscaling (to 10 tons per day) of red mud containing Geopolymer paving blocks process	DST-WMT	Alex,T.C., Dr. (M) Principal Scientist CSIR-National Metallurgical Laboratory Burma Mines Jamshedpur - 831 007 Jharkhand	116.48	36
3068	Use of Dal lake weeds as a source of nutrient medium for the growth & yield of Gladiolus, Tulip & Lillium	DST-WMT	Bhat,Z.A., Dr. (M) Assistant Professor Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Shalimar Campus Srinagar - 190 025 Jammu & Kashmir	53.02	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3069	Utilizaion of marble slurry waste for desulfurization of flue & vent gases leading to production of Plaster of Paris (PoP) or by direct injection & for manufacture of cement	DST-WMT	Jana,S.K., Dr. (M) Associate Professor Malaviya National Institute of Technology (Jaipur) Jawahar Lal Nehru Marg, Malviya Nagar Jaipur - 302 017 Rajasthan	9.20	12
3070	Utilization of curcumin industry waste (Oleoresin) to produce value added products	DST-WMT	Rathod,V.K., Dr. (M) Professor Institute of Chemical Technology Nathalal Parekh Marg, Matunga Mumbai - 400 019 Maharashtra	15.15	12
3071	Utilization of Polyvinyl Butyral (PVB) recovered from of automobile windshield waste for making protective primer & strippable coating	DST-WMT	Singh,R.K., Dr. (M) Scientist Shriram Institute for Industrial Research University Road Delhi - 110 007 Delhi	45.10	24
3072	A systems biology understanding of the adaptively evolved global transcription regulator CRP mutant in E. coli & evaluating its fitness as a synthetic biology platform	DST-WOS-A	Srinivasan,S., Dr. (F) Indian Institute of Technology (Bombay) Department of Chemical Engineering, School of Biosciences and Bioengineering, Powai Mumbai - 400 076 Maharashtra	31.23	36
3073	Analytical modeling & simulation of Triple Material Surrounding Gate (TMSG) TFET	DST-WOS-A	Chennoji,U., Ms. (F) Dayananda Sagar College of Engineering Shavige Malleshwara Hills, Kumaraswamy Layout Bengaluru - 560 078 Karnataka	16.90	36
3074	Automated coral coverage estimation system for conservation management	DST-WOS-A	Reshma,B., Ms. (F) ICAR-Central Marine Fisheries Research Institute Division of Fisheries Resource Assesment Kochi - 680 018 Kerala	18.45	36
3075	Bearings-only target tracking using hull mounted & towed array measurements	DST-WOS-A	Jahan,K., Ms. (F) K.L. University Department of Electronics & Communication Engineering, Vaddeswarm Post Guntur - 522 502 Andhra Pradesh	6.68	36
3076	Bio inspired solar energy conversion by chlorophyll hydrogel nano-hybrid, juxtaposing chlorophyll exfoliated graphene as electrode material	DST-WOS-A	Manna,J.S., Dr. (F) Indian Institute of Technology (Kharagpur) Department of E&ECE, Advanced Technology Development Centre Kharagpur - 721 302 West Bengal	31.99	36
3077	Bioreactor for simultaneous removal of fine particulate matter & volatile organic carbon from flue gas	DST-WOS-A	Garg,A., Dr. (F) Indian Institute of Technology (Kanpur) Department of Civil Engineering Kanpur - 208 016 Uttar Pradesh	32.16	36
3078	Brain-empowered dynamic spectrum management for cooperative cognitive radio networks	DST-WOS-A	Kaur,A., Ms. (F) National Institute of Technology (Hamirpur) Department of Electronics & Communication Engineering Hamirpur - 177 005 Himachal Pradesh	18.20	36
3079	Characterization & analysis of interaction networks	DST-WOS-A	Goswami,S., Ms. (F) Indian Statistical Institute Division of Computer & Communication Sciences, Machine Learning Unit Kolkata - 700 064 West Bengal	14.46	36
3080	Deep learning based CAD system for lung cancer diagnosis	DST-WOS-A	Suji,J.R., Ms. (F) Indian Institute of Information Technology & Management Gwalior - 474 010 Madhya Pradesh	26.78	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3081	Design & development of modular total joint prosthesis for temporo mandibular joint reconstruction in patients suffering with end stage TM disorders	DST-WOS-A	Sharma,M., Ms. (F) Indira Gandhi Delhi Technical University for Women Department of Mechanical & Automation Engineering, Kashmiri Gate Delhi - 110 006 Delhi	21.50	36
3082	Design & development of multisensorysmart assistive technology for blind	DST-WOS-A	Nawandar,P.M., Ms. (F) Maharashtra Institute of Technology Department of Electronics & Telecommunication Pune - 411 038 Maharashtra	23.70	36
3083	Design of a cost-effective multi-well plate for high throughput drug screening platform: Study on combination therapy	DST-WOS-A	Singh,R., Dr. (F) Indian Institute of Technology (Hyderabad) Department of Chemical Engineering Hyderabad - 502 285 Telangana	31.06	36
3084	Design of brain stimulator & electrode glove for stroke rehabilitation	DST-WOS-A	Solomons,C.D., Ms. (F) Vellore Institute of Technology University School of Electrical Engineering Vellore - 632 014 Tamil Nadu	23.32	36
3085	Design of soft error robust low power sram for space applications	DST-WOS-A	Sugantha,A., Ms. (F) Anna University Department of Electronics & Communication Engineering, University College of Engineering Tiruchirappalli - 620 017 Tamil Nadu	18.88	36
3086	Developing seismic strengthening strategies for ancient South Indian Mandapas	DST-WOS-A	Bhowmik,T., Dr. (F) Indian Institute of Technology (Madras) Department of Civil Engineering, Structural Engineering Laboratory Chennai - 600 036 Tamil Nadu	27.65	36
3087	Development of a hardware friendly machine learning system for embedded applications	DST-WOS-A	Pattanayak,A.S., Ms. (F) National Institute of Science & Technology Department of ECE Berhampur - 761 008 Odisha	20.50	36
3088	Development of a refractory high entropy alloy for high temperature structural application	DST-WOS-A	Behera,M., Dr. (F) CSIR-Institute of Minerals & Materials Technology Department of Advanced Materials Technology Bhubaneswar - 751 013 Odisha	31.61	36
3089	Development of cellulose-lignin composite nanofiber from biodegradable waste for high strength textile application	DST-WOS-A	Prabha,V., Ms. (F) P.S.G. College of Technology Coimbatore - 641 004 Tamil Nadu	14.24	36
3090	Development of fermentation process for production of natural β-carotene from Blakeslea trispora	DST-WOS-A	Nagal,S., Ms. (F) Jamia Hamdard Department of Pharmacognosy & Phytochemistry New Delhi - 110 062 Delhi	27.30	36
3091	Development of nanostructured metal oxide semiconductor as photoanode for dye sensitized solar cell	DST-WOS-A	Siwatch,S., Ms. (F) Kurukshetra University Department of Electronic Science Kurukshetra - 136 119 Haryana	23.15	36
3092	Development of novel semiconductor quantum dots and photoanode for sensitized solar cell applications	DST-WOS-A	Archana,T., Ms. (F) Anna University Centre for NanoScience & Technology Chennai - 600 025 Tamil Nadu	22.60	36
3093	Development of Surface Enhanced Raman Spectroscopy (SERS) based biosensing platform for detection of mycotoxins	DST-WOS-A	Chopra,A., Ms. (F) CSIR-Central Scientific Instruments Organization Sector 30-C Chandigarh - 160 030 Chandigarh	25.90	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3094	Exploiting interference as a tool to enhance fault-tolerant features of WSNS	DST-WOS-A	Begum,B.A., Ms. (F) CSIR-Indian Institute of Chemical Technology Department of Environmental Engineering & Fossil Fuels Hyderabad - 500 007 Telangana	23.70	36
3095	Fabrication of a resorbable biomaterial for ocular wound repair	DST-WOS-A	Deebasuganya,G., Ms. (F) CSIR-Central Leather Research Institute Biological Materials Lab, Adyar Chennai - 600 020 Tamil Nadu	24.25	36
3096	Fractal metamaterial & its application to wearable antennas	DST-WOS-A	Inamdar,K.K., Dr. (F) Sardar Vallabhbhai National Institute of Technology (Surat) Ichhanath, Dumas Road Surat - 395 007 Gujarat	30.14	36
3097	Green earth: green energy aware radio technology for cognitive network with heterogeneity	DST-WOS-A	Srivastava,A., Ms. (F) National Institute of Technology (Hamirpur) Department of Electronics & Communication Engineering Hamirpur - 177 005 Himachal Pradesh	18.09	36
3098	Hybrid energy storage system consisting of li-ion batteries & ultracapacitors	DST-WOS-A	Bhat,P., Ms. (F) Indian Institute of Science Department of Inorganic & Physical Chemistry Bengaluru - 560 012 Karnataka	20.29	36
3099	Integration of data mining in biodiversity application to forest diversity	DST-WOS-A	Ghosh,M., Ms. (F) Jadavpur University Department of Information Technology Kolkata - 700 098 West Bengal	17.10	36
3100	Investigation of advance Dual-gate MIS-HEMT for high power applications	DST-WOS-A	Singh,P., Ms. (F) Delhi University Department of Electronic Science New Delhi - 110 021 Delhi	25.35	36
3101	Modification of TW3 RUS for bone age assessment for Indian children using digital image processing	DST-WOS-A	Deshmukh,S.D., Ms. (F) Maharashtra Academy of Engineering & Education Research Pune - 411 038 Maharashtra	18.14	36
3102	Monitoring and forecasting of coastal circulation using GPS/GSM technology & hydrodynamic modeling	DST-WOS-A	Babu,J.S., Ms. (F) Nansen Environmental Research Centre India Sreekandath Road, Raviuram Kochi - 682 016 Kerala	19.30	36
3103	Nano engineered submerged ceramic membrane bioreactor for waste water purification	DST-WOS-A	Sowmya,S.R., Ms. (F) M.S. Ramaiah Institute of Technology Department of Chemical Engineering Bengaluru - 560 054 Karnataka	21.50	36
3104	Optimal controller placement in software defined wide area networks	DST-WOS-A	Mohanty,S., Ms. (F) National Institute of Technology (Rourkela) Department of Computer Science & Engineering Rourkela - 769 008 Odisha	18.81	36
3105	Overcoming challenges to development of biotherapeutics through rational design of cell culture medium	DST-WOS-A	Kaur,R., Dr. (F) Indian Institute of Technology (Delhi) Department of Chemical Engineering, Hauz Khas New Delhi - 110 016 Delhi	23.36	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3106	Pattern synthesis & mutual coupling analysis for icosahedron based spherical arrays	DST-WOS-A	Priyalatha,P., Ms. (F) Birla Institute of Technology & Science (Pilani) Department of Electrical & Electronics Engineering Hyderabad - 500 078 Telangana	25.34	36
3107	Performance enhancement in FPGA architecture by efficient design of logic blocks	DST-WOS-A	Pullanikkat,S., Ms. (F) Anna University Department of Electronics Engineering Chennai - 600 025 Tamil Nadu	17.80	36
3108	Preparation of feather Keratin - Zince Sulphide (ZnS) nanocomposites material for water purification application	DST-WOS-A	Banerjee,A., Dr. (F) Indian Institute of Technology (Guwahati) Department of Biosciences & Bioengineering Guwahati - 781 039 Assam	31.09	36
3109	Removal and recovery of uranium (VI) from low level wastewaters & subsequent disposal of spent biomass	DST-WOS-A	Vyas,M., Dr. (F) Maulana Azad National Institute of Technology (Bhopal) Department of Civil Engineering Bhopal - 462 051 Madhya Pradesh	26.71	36
3110	Studies on disaster-resilient management and bi-directional multiband signal transmission using double-clad fibers in radio-over-fiber systems	DST-WOS-A	Manimegalai,C.T., Dr. (F) S.R.M. Institute of Sciences & Technology Kanchipuram - 603 203 Tamil Nadu	32.70	36
3111	Studies on epoxy based nano polymer composites with enhanced mechanical, electrical, chemical & optical properties	DST-WOS-A	Srikanth,C., Ms. (F) Jyothy Institute of Technology Centre for Incubation Bengaluru - 560 082 Karnataka	29.90	36
3112	Studies on meta-material based compact antennas for mobile communications	DST-WOS-A	Nandigama,S.V., Ms. (F) Osmania University Department of Electronics & Communication Engineering Hyderabad - 500 007 Telangana	24.03	36
3113	Studies on the composition- property relationship of lithium disilicate glass-ceramics with different nucleating agents for dental applications	DST-WOS-A	Pal,P., Ms. (F) Government College of Engineering & Ceramic Technology Department of Ceramic Technology Kolkata - 700 010 West Bengal	23.67	36
3114	Studies on the strength & durability of rice husk ash & copper slag incorporated concretes	DST-WOS-A	Rajamma,R., Dr. (F) Indian Institute of Science Department of Civil Engineering Bengaluru - 560 012 Karnataka	28.86	36
3115	Study & fabrication of an aptamer based FET biosensor	DST-WOS-A	Rai,K., Dr. (F) M.S. Ramaiah Institute of Technology Department of Chemical Engineering Bengaluru - 560 070 Karnataka	23.15	36
3116	Study on the response of improved soft subgrade & use of river bed materials under simulated loading environment	DST-WOS-A	Das,C., Ms. (F) Indian Institute of Engineering Science & Technology Department of Civil Engineering Shibpur - 711 103 West Bengal	23.80	36
3117	Surface modification over magnesium alloy to improve biocompatibility for orthopedic application	DST-WOS-A	Saranya,K., Dr. (F) Anna University Department of Chemistry Chennai - 600 025 Tamil Nadu	21.50	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3118	Treatment of ammoniacal nitrogen from industrial wastewater in a combined electrochemical and biological process	DST-WOS-A	Pani,N., Ms. (F) Pandit Deendayal Petroleum University School of Technology Gandhinagar - 382 007 Gujarat	20.95	36
3119	VLSI design & implementation of optimized turbo channel coding system for advanced wireless communication systems	DST-WOS-A	Elukuru,S., Ms. (F) Sree Vidyanikethan Engineering College Department of Electronics & Communication Engineering, Sainatha Nagar, Rangampet Tirupati - 517 102 Andhra Pradesh	15.70	36
3120	Enhancement of livelihood & enterprise model for rural women	DST-WS	Chitra,S., Dr. (F) Er. Perummal Manimekali College of Engineering Nallaganakothapally, Near Koneripalli, P.O. Hosur Krishnagiri - 635 109 Tamil Nadu	56.43	36
3121	Setting up of rural technology park at Basani, Varanasi	DST-WS	Singh,S.V., Mr. (M) Digital India Corporation Nehru Place New Delhi - 110 019 Delhi	60.65	36
3122	A novel Tio2 coated Aluminum electrode (Tio/Al) for textile dyeing wastewater using real time controlled multichannel electrocoagulation process	DST-WTI	Jegathambal,P., Dr. (M) Karunya University Coimbatore - 641 114 Tamil Nadu	18.55	36
3123	A novel Tio2 coated Aluminum electrode (Tio/Al) for textile dyeing wastewater using real time controlled multichannel electrocoagulation process	DST-WTI	Parameswari,K., Dr. (F) Karunya University Coimbatore - 641 114 Tamil Nadu	18.55	36
3124	Addressing water security of an urban settlement through multisource modeling	DST-WTI	Baetens,T., Mr. (M) Auroville Centre for Scientific Research Auroville Puducherry - 605 101 Puducherry	87.76	36
3125	Agronomic integration of technologies for productivity management & optimal water use in wetlands of Cauvery river delta	DST-WTI	Kathiresan,R.M., Dr. (M) Annamalai University Chennai - 600 008 Tamil Nadu	209.87	36
3126	AMR pollutants: Interactive studies & novel sensor technologies	DST-WTI	Renganathan,T., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	322.46	36
3127	Arsenic immobilization by in-situ synthesis of iron-based adsorbent under reducing environment within porous media	DST-WTI	Raychoudhury,T., Dr. (F) Indian Institute of Technology (Patna) Patna - 801 103 Bihar	39.36	36
3128	Assessment of hydrological & physical status of traditional water harvesting structures using Geo-spatial technologies & measures for restoration & rejuvenation in Karnataka state	DST-WTI	Vijay,U.T., Dr. (M) Karnataka State Council for Science & Technology Bengaluru - 560 012 Karnataka	48.30	24
3129	Assessment of niche specific oxygenic photoautotrophic organisms for evaluation of Bhagirathi-Hoogly river basin water quality a biotic index based management proposal	DST-WTI	Bhadury,P., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Kolkata - 700 064 West Bengal	43.04	36
3130	Biological nutrient removal from wastewater in modified Dewats systems for reduced land & energy footprints	DST-WTI	Manojkumar,B., Dr. (M) Sri Jayachamarajendra College of Engineering Mysore - 570 017 Karnataka	49.40	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3131	Decentralized water treatment for removal of arsenci, fluoride & mercury from drinking water	DST-WTI	Dutta,R.K., Dr. (M) Tezpur University Napaam Tezpur - 784 028 Assam	10.05	36
3132	Desalination through waste heat recovery from solar PV operated VCR system	DST-WTI	Velraj,R., Dr. (M) Anna University Chennai - 600 025 Tamil Nadu	35.35	36
3133	Design & fabrication of prefabricated NFRP modulle for Decentralized Waste Water Treatment Systems (DEWATS)	DST-WTI	Amanulla,S., Dr. (M) Centre for Biopolymer Science & Technology FACT Township Kochi - 683 501 Kerala	42.65	36
3134	Developing rapid sensitive high throughput user-friendly kit for routine detection of androgens & antiandrogens in water	DST-WTI	Bhattacharjee,G.B., Dr. (F) Amity University Amity Education Valley, Manesar, Panchgaon Gurgaon - 122 413 Haryana	32.20	36
3135	Development of a dural power portable RO plant	DST-WTI	Subramanyam,B., Dr. (M) SASTRA University Thanjavur - 613 401 Tamil Nadu	16.05	36
3136	Development of an innovative bioprocess for treatment & recycling of domestic & industrial wastewater	DST-WTI	Murugesan,K., Dr. (M) Periyar University Salem - 636 011 Tamil Nadu	48.60	36
3137	Development of de-fluoridation kit for domestic drinking water	DST-WTI	Gupta,S., Dr. (M) Grasim Industries Limited Bharuch - 392 001 Gujarat	14.35	36
3138	Development of de-fluoridation kit for domestic drinking water	DST-WTI	Agarwal,M., Dr. (F) Malaviya National Institute of Technology (Jaipur) Jawaharlal Nehru Marg, Malviya Nagar Jaipur - 302 017 Rajasthan	14.35	36
3139	Development of house hold defluoridation unit for safe drinking water in fluoride endemic regions	DST-WTI	Sujana,M.G., Dr. (M) CSIR-Institute of Minerals & Materials Technology Acharya Vihar Bhubaneswar - 751 013 Odisha	75.67	24
3140	Development of intelligent embedded E-sense system for online & offline detection of heavy metals (Arsenic, Iron etc) in ground water for quality assessment	DST-WTI	Vaddadi,S., Dr. (M) CSIR-Central Electronics Engineering Research Institute Pilani - 333 031 Rajasthan	52.98	36
3141	Development of pH based portable arsenic biosensor by exploiting arsenic oxidizing bacteria	DST-WTI	Sarkar,A., Dr. (F) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	22.37	36
3142	Development of pH based portable arsenic biosensor by exploiting arsenic oxidizing bacteria	DST-WTI	Kar,S.K., Dr. (F) National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	22.37	36
3143	Development of sludge free, clean, green & cost effectively technology at pilot scale for treatment of textile & dyeing industry effluent	DST-WTI	Bahadur,N., Dr. (F) The Energy & Resources Institute IHC Complex, Lodhi Road New Delhi - 110 003 Delhi	39.80	36
3144	Development of smart materials for rapid & sustainable water treatment	DST-WTI	Tiwari,S., Dr. (F) Amity University Gautam Buddha Nagar Noida - 201 313 Uttar Pradesh	30.54	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3145	Evaluation & optimization of uranium removal from groundwater by reductive precipitation with the H2- based membrane biofilm reactor	DST-WTI	Islam,E., Dr. (M) Kalyani University Kalyani - 741 235 West Bengal	50.62	36
3146	Evolving sustainable solutions for critical drinking water issues in India	DST-WTI	Mohan,N.S., Dr. (M) National Institute of Advanced Studies IiSc Campus Bengaluru - 560 012 Karnataka	58.00	36
3147	Extraction of water from air at zero energy expenditure to mitigate water & energy crisis in India: A socio-technical perspective to develop 'Zero extract corporates	DST-WTI	Senthilkumar,S., Dr. (M) National College Jaya Nagar Extension, IOB Nagar Tiruchirappalli - 620 001 Tamil Nadu	20.53	24
3148	Fate & management of emerging contaminants	DST-WTI	Philip,L., Dr. (F) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	305.65	36
3149	Greywater treatment & reuse by combined sequencing batch reactor & solar photocatalytic reactor	DST-WTI	Neelancherry,R., Dr. (F) Indian Institute of Technology (Bhubaneswar) Bhubaneswar - 752 050 Odisha	21.04	36
3150	Groundwater characterization along the coastal plain in northern Malabar Kerala using isotope systematics	DST-WTI	Gopinath,G., Dr. (M) Centre for Water Resources Development & Management Kozhikode - 673 571 Kerala	31.89	36
3151	Impact of rainwater harvesting on groundwater quality in India with specific reference to fluroide & micropollutants	DST-WTI	Sharma,A., Dr. (F) National Institute of Hydrology Roorkee - 247 667 Uttarakhand	255.88	36
3152	Innovation low-cost optical sensor platform for water quality monitoring	DST-WTI	Sundarajan,A., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	109.72	36
3153	Intervention of artificial glacier technology to solve water crises due to climate change in Ladakh Trans-Himalayan region	DST-WTI	Tandup,C., Mr. (M) Jammu University Institute of Mountain Environment, Bhadarwah Jammu - 180 016 Jammu & Kashmir	47.52	24
3154	Low cost technology for waste water treatment for domestic & industrial applications	DST-WTI	Satapathi,S., Dr. (F) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	35.00	36
3155	Mitigation of water problems in Ausa town, Latur: Wastewater management, Gaothan lake rejuvenation, potable water production through desalination of lake water & training of residents in matters of sanitation & water conservation	DST-WTI	Sariode,D.D., Dr. (M) Institute of Chemical Technology Rafi Ahmed Kidwai Road, Matunga Mumbai - 400 019 Maharashtra	198.47	24
3156	Modelling for enhancing water quality in Uttarakhand using Geospatial technology	DST-WTI	Uniyal,D.P., Dr. (M) Uttarakhand State Council for Science & Technology Vigyan Dham Dehradun - 248 007 Uttarakhand	43.17	36
3157	Nanoskinned coir matrix for the removal of biological contaminants from water	DST-WTI	Usha,K., Dr. (F) Mahatma Gandhi University Kottayam - 686 560 Kerala	31.10	36
3158	New strategies for optimal operation of water supply schemes by use of scheduling & decentralization infrastructures	DST-WTI	Kalbar,P., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	134.10	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3159	New strategies for optimal operation of water supply schemes by use of scheduling & decentralization infrastructures	DST-WTI	Narasimhan,S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	134.10	36
3160	Novel biological treatment process for water recycle-reuse & energy conservation in refinery industry	DST-WTI	Pakshirajan,K., Dr. (M) Indian Institute of Technology (Guwahati) Amingaon Guwahati - 781 039 Assam	42.75	36
3161	Off the grid sensor controlled irrigation using bank filtration technology	DST-WTI	Patil,K., Ms. (F) The Energy & Resources Institute Goa - 403 202 Goa	202.88	36
3162	Optimization of disinfection process for secondary treated sewage by hybrid disinfection	DST-WTI	Gupta,A.B., Dr. (M) Malaviya National Institute of Technology (Jaipur) Jawaharlal Nehru Marg, Malviya Nagar Jaipur - 302 017 Rajasthan	42.64	24
3163	Pathways & evolution of pollutants: Interaction between physical controlling effects, microbial community composition & pollutants biodegradation rates	DST-WTI	Gupta,K., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	46.10	36
3164	Pilot plant demonstration of Nitrate removal for provision of safe drinking water at domestic household & community level using Chitosan derivative	DST-WTI	Sowmya,A., Dr. (F) S.R.M. University S.R.M. Nagar, District Kancheepuram Kattankulathur - 603 203 Tamil Nadu	31.78	36
3165	Predictive approach for early detection of contamination zone in a intermittent & continuous water supply systems & its health impacts	DST-WTI	Labhasetwar,P.K., Dr. (M) CSIR-National Environmental Engineering Research Institute Nagpur - 440 020 Maharashtra	77.56	36
3166	Promoting community health by addressing incidence waterborne diseases in selected village of Bihar	DST-WTI	Sharma,L.M., Dr. (M) S.M. Sehgal Foundation Plot No. 34, Sector 44, Institutional Area Gurgaon - 122 003 Haryana	123.58	36
3167	Real-time monitoring of water quality in the lower Ganga river at daily time-scale using Remote Sensing observations	DST-WTI	Sahoo,B., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	43.22	36
3168	Reclamation of produced water generated from oil refineries using nano composites	DST-WTI	Nigam,S., Dr. (M) Amity University Gautam Buddha Nagar Noida - 201 313 Uttar Pradesh	11.44	36
3169	Reclamation of produced water generated from oil refineries using nano composites	DST-WTI	Joshi,M., Dr. (F) Amity University Gautam Buddha Nagar Noida - 201 313 Uttar Pradesh	11.44	36
3170	Rehabilation of Vibro Infested waters of Vembanad Lake: Pollution & solution (REVIVAL)	DST-WTI	Abdulaziz,A., Dr. (F) CSIR-National Institute of Oceanography Dr Salim Ali Road, Post Box No 1913 Kochi - 682 018 Kerala	251.30	36
3171	Removal of heavy metal from wastewater: An alternative green sonochemical process optimization & pathway studies	DST-WTI	Anandan,S., Dr. (M) National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	31.50	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3172	Removal of pharmaceutical derivatives present in waste water by advanced oxidation integrating with microstructure & rotating packed bed of Grapheme (G) Graphene Oxide (GO)/Go-metal nanocomposites	DST-WTI	Majumdar,S.K., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	22.77	36
3173	Removal of pharmaceutical derivatives present in waste water by advanced oxidation integrating with microstructure & rotating packed bed of Grapheme (G) Graphene Oxide (GO)/Go-metal nanocomposites	DST-WTI	Das,P., Dr. (M) Jadavpur University Kolkata - 700 032 West Bengal	22.77	36
3174	Secular changes & remediation of grounds water arsenic in the Gana river basin	DST-WTI	Ghosh,N.C., Dr. (M) National Institute of Hydrology Roorkee - 247 667 Uttarakhand	291.46	36
3175	Soft computing framework based integrated multi sensor array for water quality assessment: Targeting fluoride as major parameter	DST-WTI	Gupta,K.K., Dr. (M) Birla Institute of Technology & Science (Pilani) Pilani - 333 031 Rajasthan	38.70	24
3176	Structure based design of aromatic biosensors for water quality monitoring	DST-WTI	Anand,R., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	45.00	36
3177	Study of pure & ion embedded iron oxide nanostructure for sensing & removal of hazardous wastes from water	DST-WTI	Dar,G.N., Dr. (M) Kashmir University Hazratbal Srinagar - 190 006 Jammu & Kashmir	31.04	36
3178	Surface modificed magnetic nanoparticles for wastewater treatment	DST-WTI	Guin,D., Dr. (M) Rajasthan University Jawaharlal Nehru Marg Jaipur - 302 004 Rajasthan	23.40	36
3179	Sustainable Grey Water (GW) treatment technology for community buildings	DST-WTI	Pandey,J.K., Dr. (M) University of Petroleum & Energy Studies Dehradun - 248 007 Uttarakhand	125.15	36
3180	The development & implementation of sensors are treatment technologies for freshwater systems in India	DST-WTI	Dutta,T.K., Dr. (M) Bose Institute P-1/12, CIT Road, Scheme VIIM, Kankurgachi Kolkata - 700 054 West Bengal	342.28	36
3181	Thermal treatment & solidification of arsenic & iron sludge generated from arsenic & iron removal plants: Their safe disposal & value added products	DST-WTI	Ruj,B., Dr. (M) CSIR-Central Mechanical Engineering Research Institute Mahatma Gandhi Avenue Durgapur - 713 209 West Bengal	26.93	36
3182	Urban flood model for Bangalore	DST-WTI	Mohankumar,M.S., Prof. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	572.42	36
3183	Use of bacteriophages to ameliorate the hygine conditions of secondary treated waste waters	DST-WTI	Bhathena,Z., Dr. (M) Bhavan's College Mumbai - 400 058 Maharashtra	39.92	36
3184	Water quality analysis & mapping for Dimapur & Kohima district	DST-WTI	Kathiry,D., Dr. (M) Nagaland Science & Technology Council Super Market Lane Dimapur - 797 112 Nagaland	91.46	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3185	A compact low volume dielectric resonator antenna loaded with metamaterial structure for small satellite applications	ISRO-RESPOND	Chaudhary,R.K., Dr. (M) Assistant Professor Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	20.10	24
3186	A high-speed SAR Analog to Digital Converter (ADC) with low distortion sample-hold front end	ISRO-RESPOND	Sen,S., Mr. (M) Associate Professor International Institute of Information Technology 26/C, Electronic City, Phase-I, Hosur Road Bengaluru - 560 008 Karnataka	26.06	36
3187	Analysis & performance enhancement of graphene plasmonic antennas	ISRO-RESPOND	Patnaik,A., Dr. (M) Associate Professor Indian Institute of Technology (Roorkee) Rishikesh - 247 667 Uttarakhand	30.34	36
3188	Bhuvan-R an open source development platform for Geospatial data analysis	ISRO-RESPOND	Omkar,S.N., Dr. (M) Chief Research Scientist Indian Institute of Science Bengaluru - 560 012 Karnataka	58.77	36
3189	Capacity, bit error rate & performance evaluation of MIMO based communication system on minimized multipath environment	ISRO-RESPOND	Kirthiga, Dr. (M) Assistant Professor Amrita School of Engineering Amrita Vishwa Vidyapeetham Coimbatore - 641 112 Tamil Nadu	12.27	24
3190	Classification of satellite images using cellular automata	ISRO-RESPOND	Poonkuntran,S., Dr. (M) Professor Velammal College of Engineering & Technology Madurai-Rameshwaram High Road, Viraganoor Post Madurai - 625 009 Tamil Nadu	16.45	30
3191	Compressible flow solver with immersed boundary approach	ISRO-RESPOND	Kulkarni,V.N., Dr. (M) Associate Professor Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	16.32	12
3192	Control oriented air-breathing scramjet engine propulsion system model for TSTO (Two-Stage-To-Orbit) mission	ISRO-RESPOND	Kumar,B.C., Dr. (M) Professor G.M.R. Institute of Technology District Srikakulam Rajam - 532 127 Andhra Pradesh	17.04	36
3193	Design & analysis of an integrated optic microring resonator array based sensor system for detection of multiple gases	ISRO-RESPOND	Malathi,S., Dr. (F) Assistant Professor M.S. Ramaiah University of Applied Sciences Bengaluru - 560 058 Karnataka	32.43	36
3194	Design & development of a miniaturized low cost graphene based radiation detector for space applications	ISRO-RESPOND	Garai,B., Dr. (F) Assistant Professor Dayananda Sagar University Bengaluru - 560 068 Karnataka	18.94	36
3195	Design & development of key exchange mechanism for high security applications	ISRO-RESPOND	Sathishkumar, Dr. (M) Professor Sri Venkateswara College of Engineering Sriperumbudur - 602 117 Tamil Nadu	13.32	24
3196	Design & development of optimized miniature antenna modules with duality function for inflatable satellite antenna setup	ISRO-RESPOND	Prasanna, Mr. (M) Assistant Professor Vel Tech Dr. Rangarajan & Dr. Sagunthala Technical University 400 Feet Outer Ring Road, Avadi Chennai - 600 062 Tamil Nadu	33.30	36
3197	Design & development of substrate integrated waveguide based circular polarized high gain slot array antenna for satellite communication	ISRO-RESPOND	Dwari,S., Dr. (M) Assistant Professor Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	18.20	24
3198	Design & development of X-band dual polarised waveguide slotted array antenna	ISRO-RESPOND	Chatterjee,S., Mr. (M) Assistant Professor Jadavpur University #188, Raja S.C. Mallick Road Kolkata - 700 032 West Bengal	20.46	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3199	Design & implementation of high performance hyperspectral targert detection system using FPGA	ISRO-RESPOND	Gayathri, Dr. (F) Associate Professor Sri Venkateswara College of Engineering Pennalur Sriperumbudur - 602 117 Tamil Nadu	9.10	24
3200	Design & study of nano & micro displacement sensor based on photoic crystal fiber model interferometer	ISRO-RESPOND	Jha,R., Dr. (M) Assistant Professor Indian Institute of Technology (Bhubaneswar) Toshali Bhawan, Satya Nagar Bhubaneswar - 751 007 Odisha	26.96	24
3201	Design of urban storm water drainage system for Jorhat town (Assam) & its suburb using GIS & Remote Sensing	ISRO-RESPOND	Goswami,N., Dr. (F) Assistant Professor Gujarat University K.S. School of Business Management Ahmedabad - 380 009 Gujarat	17.42	24
3202	Development of a real-time image super-resolution system using parallel processing hardware for Remote Sensing applications	ISRO-RESPOND	Deka,B., Dr. (M) Associate Professor Tezpur University Sonitpur Tezpur - 784 028 Assam	25.79	36
3203	Development of braze joint between Carbob-Carbon (C-C) composites & Titanium Alloy Ti6A14V	ISRO-RESPOND	Govindaraju,M., Dr. (M) Assistant Professor Amrita School of Engineering Amrita University Coimbatore - 641 112 Tamil Nadu	25.06	24
3204	Development of electrically conducting & atomic oxygen resistant CNT reinforced polyimides for space applications	ISRO-RESPOND	Rangappa,D., Dr. (M) Professor Visvesvaraya Technological University Muddenahalli Campus Chikkaballapura - 562 101 Karnataka	20.73	24
3205	Development of engineered mount for single element dielectric resonator antenna & arrays for space borne applications	ISRO-RESPOND	Guha,D., Prof. (M) Calcutta University Institute of Radio Physics & Electroics Kolkata - 700 009 West Bengal	19.82	36
3206	Development of magneto-dielectric materials for miniaturized microstrip patch antennas	ISRO-RESPOND	Varma,M.R., Dr. (M) Sr. Principal Scientist CSIR-National Institute for Interdisciplinary Science & Technology Thiruvananthapuram - 695 019 Kerala	23.80	24
3207	Development of microwave absorber (Carbonyl iron filled silicon rubber sheeets) in 1 to 8 GHz range	ISRO-RESPOND	Ghodgaonkar,D., Prof. (M) Dhirubhai Ambani Institute of Information Communication Technology Near Indroda Circle Gandhinagar - 382 007 Gujarat	22.17	36
3208	Development of S/X/Ka multiband feed	ISRO-RESPOND	Krishna,V.R.S.G., Prof. (M) C.V.R. College of Engineering Hyderabad - 501 510 Telangana	33.00	24
3209	Development of solid state hybrid hydrogen storage using Palladium & Megnesium nanoclusters	ISRO-RESPOND	Nagar,D.J., Dr. (F) Assistant Professor Indian Institute of Science Education & Research (Trivandrum) Thiruvananthapuram - 695 016 Kerala	34.06	36
3210	Electron induced chemistry of molecules relevant to space applications	ISRO-RESPOND	Antony,B., Dr. (M) Associate Professor Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	24.56	36
3211	Investigation of non-assisted low temperature start up of PEM fuel cell	ISRO-RESPOND	Verma,A., Dr. (M) Associate Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	24.81	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3212	Investigation on thermally assisted friction stir welding of nickel based superalloy for gas ducts in cryogenic & semicryogenic engines	ISRO-RESPOND	Murugan,N., Prof. (M) P.S.G. College of Technology Coimbatore - 641 004 Tamil Nadu	16.80	12
3213	Ion source facility for calibration of ion mass & energy analysers for space missions	ISRO-RESPOND	Bapat,B., Dr. (M) Associate Professor Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	34.00	24
3214	Ionic liquids & deep eutectic solvents as electrolytes for energy efficient electrochemical double layer capacitor	ISRO-RESPOND	Banarjee,T., Dr. (M) Professor Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	18.00	24
3215	Modeling & performance prediction of lithium ion cell	ISRO-RESPOND	Venugopalan,S., Mr. (M) Associate Professor P.E.S. University Bengaluru - 560 085 Karnataka	12.52	24
3216	Modeling & simulation of Hall Effect Thruster (HET)	ISRO-RESPOND	Ramachandran, Dr. (M) Associate Professor Bharathiar University Coimbatore - 641 046 Tamil Nadu	22.86	36
3217	Multi-Temporal Interferometric SAR (MT-InSAR) studies for near real time landslide monitoring	ISRO-RESPOND	Dwivedi,R., Dr. (M) Assistant Professor Motilal Nehru National Institute of Technology (Allahabad) Allahabad - 211 004 Uttar Pradesh	45.43	36
3218	Ontology driven meteorology conceptual data dissemination through Open Geo-spatial Consortium (OGC) web services	ISRO-RESPOND	Florence,L., Dr. (F) Professor Adhiyamaan College of Engineering Hosur - 635 109 Tamil Nadu	13.08	24
3219	Predicting reliability & optimal release time of various categories software systems	ISRO-RESPOND	Chattarjee,S., Dr. (M) Assistant Professor Indian Institute of Technology (Dhanbad) Dhanbad - 826 004 Jharkhand	16.48	36
3220	Prediction of process induced deformations & residual stresses in fibre reinforced composite laminates	ISRO-RESPOND	Prabha,S.K., Dr. (M) Associate Professor Vidya Academy of Science & Technology Thalakkottukara Thrissur - 680 501 Kerala	13.14	24
3221	SIRMI-Strengthening IRNSS receiver by mitigation of interference	ISRO-RESPOND	Dalal,U.D., Dr. (F) Associate Professor Sardar Vallabhbhai National Institute of Technology (Surat) Ichchhanath Surat - 395 007 Gujarat	31.21	24
3222	Study of electronic & magnetic structue of high-performance lithium ion battery materials	ISRO-RESPOND	Chakraborty,A., Dr. (M) Assistant Professor P.E.S. University Bengaluru - 560 085 Karnataka	24.47	36
3223	Study on heat transfer characteristics of low melt alloy encapsulated PCM for satellite avionics thermal management	ISRO-RESPOND	Suresh,S., Dr. (M) Assistant Professor National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	31.03	36
3224	Study on mechanism of self-sustained cavity oscillation for subsonic, transonic & supersonic flows	ISRO-RESPOND	Nair,M.K., Dr. (M) Assistant Professor Mar Baselios College of Engineering & Technology Thiruvananthapuram - 695 015 Kerala	24.40	24
3225	Synthesis of Algorithm from multiple orbiting satellites towards operational high resolution soil moisture estimation-High Res-SM	ISRO-RESPOND	Srivastava,P.K., Dr. (M) Assistant Professor Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	25.43	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3226	Synthesis of nano sized Aluminium Nitride (AIN) ceramic powder by Transferred Arc Plasma Reactor (TAPR) for electronic packaging applications	ISRO-RESPOND	Seth,T., Dr. (M) Scientist Centre for Materials for Electronics Technology (C-MET) Pune - 411 008 Maharashtra	28.64	24
3227	Wireless optical signaling based inter-satellite tracking & monitoring for high data rate communication	ISRO-RESPOND	Prince,S., Dr. (F) Professor S.R.M. University Kattankulathur - 603 203 Tamil Nadu	26.08	24
3228	Development of high efficiency (21%/ 19%) PERC type of c-Si/ mc-Si solar cells	MNRE-RDD	Pant,K.K., Dr. (M) Addl. Gen. Manager & Head Bharat Heavy Electricals Limited Gurgaon - 122 001 Haryana	1314.00	36
3229	Development of high efficiency (21%/ 19%) PERC type of c-Si/ mc-Si solar cells	MNRE-RDD	Tripathi,A.K., Dr. (M) National Institute of Solar Energy Gurgaon - 122 001 Haryana	1314.00	36
3230	National primary standard facility for cell calibration	MNRE-RDD	Vandana, Dr. (F) CSIR-National Physical Laboratory Delhi - 110 012 Delhi	1788.50	36
3231	Porphyrin@Graphene quantum dots Sensitized Solar Cells (PGSSCs) using polypyrrole-graphene composites as counter electrode - A step towards 4G solar cells	MNRE-RDD	Narula,A.K., Prof. (M) Guru Govind Singh Indraprastha University Delhi - 110 075 Delhi	64.67	36
3232	Chair on water sector conflicts & governance for policy research	MOWR-R&D WRM	Chokkakula,S., Dr. (M) Chair Professor Centre for Policy Research Dharma Marg, Chanakyapuri New Delhi - 110 021 Delhi	164.80	36
3233	An automatic street lighting system in ..	UGC-MNRP	Prabu,M., Prof. (M) Adhiyamaan College of Engineering Hosur - 635 109 Tamil Nadu	1.59	24
3234	Assessment of neonatal seizure disorder	UGC-MNRP	Rao,P.K.S., Prof. (F) G.V.P. College of Engineering Madhurawada Visakhapatnam - 530 048 Andhra Pradesh	1.80	24
3235	Automatic detection of haemorrhages ..	UGC-MNRP	Kumari,V.V., Dr. (F) Professor Coimbatore Institute of Engineering & Technology Coimbatore - 641 014 Tamil Nadu	3.60	24
3236	Automatic digitization of ancient ..	UGC-MNRP	Subramanie,P.B., Dr. (F) Professor Kongu Engineering College District Erode Perundurai - 638 052 Tamil Nadu	3.00	24
3237	Data mining approach to analyze the ..	UGC-MNRP	Rajeshkanna,A., Mr. (M) Assistant Professor Sri S. Ramasamy Naidu Memorial College Virudhunagar - 626 203 Tamil Nadu	1.25	24
3238	Design & Development of cloud based to ..	UGC-MNRP	Grace,R.K., Mr. (M) Assistant Professor Sri Ramakrishna Engineering College Coimbatore - 641 022 Tamil Nadu	2.20	24
3239	Design & verification of secure electronic	UGC-MNRP	Raju,K.V.K., Ms. (F) Associate Professor Sagi Ramakrishnam Raju Engineering College Bhimavaram - 534 204 Andhra Pradesh	3.00	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3240	Design of electroencyplography based ..	UGC-MNRP	Reddy,K.J., Mr. (M) Assistant Professor Sreenidhi Institute of Science & Technology Ghatkesar Hyderabad - 501 301 Telangana	3.60	24
3241	Development of a high speed process setup	UGC-MNRP	Murugarajan,A., Dr. (M) Professor Sri Ramakrishna Engineering College Coimbatore - 641 022 Tamil Nadu	3.58	24
3242	Development of design guidelines for Str	UGC-MNRP	Nandinidevi,G., Dr. (F) Professor Adhiyamaan College of Engineering Hosur - 635 109 Tamil Nadu	4.25	24
3243	DLC (Direct Length Code) based image	UGC-MNRP	Rani,G.D.J.R., Dr. (F) Assistant Professor Loyola Academy Degree & P.G. College Alwal Secunderabad - 500 015 Telangana	0.50	24
3244	Experimental & computational studies ..	UGC-MNRP	Kumar,P.S.P., Mr. (M) Assistant Professor Kumaraguru College of Technology Coimbatore - 641 006 Tamil Nadu	2.20	24
3245	Experimental investigation on homogeneous	UGC-MNRP	Rao,K.A., Dr. (M) Professor Lakireddy Bali Reddy College of Engineering Malavaram Krishna - 521 230 Andhra Pradesh	1.55	24
3246	Fabrication & testing of ZrB2/SiC/Al20	UGC-MNRP	Tamilselvam,N., Mr. (M) Assistant Professor Adhiyamaan College of Engineering Hosur - 635 109 Tamil Nadu	1.60	24
3247	Fibre reinforced hgih strength self comp ..	UGC-MNRP	Kumar,S.V., Mr. (M) Assistant Professor Vasavi College of Engineering Ibrahimbagh Hyderabad - 500 031 Telangana	1.70	24
3248	Flow characteristics of high-speed ..	UGC-MNRP	Dakshinamurthy,I., Mr. (M) Assistant Professor Lakireddy Bali Reddy College of Engineering Mylavaram Krishna - 521 230 Andhra Pradesh	4.28	24
3249	Heat Transfer characteristics of dissimi..	UGC-MNRP	Rao,G.A., Prof. (M) Vignana Bharathi Institute of Technology Ghatkesar Hyderabad - 501 301 Telangana	1.45	24
3250	High-level secure and authenticated cont	UGC-MNRP	Andrews,S., Dr. (M) Professor Mahendra Engineering College Mallasamundram, Tiruchengode Tiruchengode - 637 503 Tamil Nadu	3.00	24
3251	Implementation of IPTV service delivery	UGC-MNRP	Satishkumar,G., Mr. (M) Assistant Professor Chaitanya Post Graduate College Hanamkonda Warangal - 506 001 Telangana	2.10	24
3252	Investigation on the strength and ..	UGC-MNRP	Anbarasu,M., Dr. (M) Assistant Professor Government College of Engineering Salem - 636 011 Tamil Nadu	2.63	36
3253	LCRMS- Loyola Campus Route Monitoring ..	UGC-MNRP	Asha,A.A., Dr. (F) Assistant Professor Loyola College Nungambakkam Chennai - 600 034 Tamil Nadu	2.10	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3254	Machine characterization of Telugu ..	UGC-MNRP	Rao,M.V.K., Dr. (M) Professor Institute of Aeronautical Engineering Dundigal Hyderabad - 500 043 Telangana	4.42	24
3255	Minimization of external intrusion ..	UGC-MNRP	Jagadeeshwar,M., Mr. (M) Associate Professor Chaitanya Post Graduate College Hanamkonda Warangal - 506 001 Telangana	2.05	24
3256	Pattern improvement in rank based ..	UGC-MNRP	Abirami,T., Dr. (M) Assistant Professor Kongu Engineering College District Erode Perundurai - 638 052 Tamil Nadu	2.30	24
3257	Quantum leap in low cost construction ..	UGC-MNRP	Vidhya,K., Dr. (F) Professor Mahendra Engineering College Mallasamundraam, Namakkal Tiruchengode - 637 503 Tamil Nadu	2.88	24
3258	Spatial-temporal urban growth modelling	UGC-MNRP	Vimala,R., Dr. (F) Assistant Professor Government Arts College for Women Salem - 637 007 Tamil Nadu	1.70	24
3259	Studies on drilling of AA6061 TiC in sit	UGC-MNRP	Preethi,S., Ms. (F) Assistant Professor S.V. College of Engineering & Technology Chittoor - 517 127 Andhra Pradesh	1.50	24
3260	Study on mixing of cellulose with water	UGC-MNRP	Sundararaj,S., Dr. (M) Associate Professor Sri Krishna College of Engineering & Technology Coimbatore - 641 042 Tamil Nadu	2.30	24

Total Cost of 1192 Projects Under: ***Engineering and Technology*** 67,791.74

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3261	A study on the bernstein-type inequalities for the polar derivative of a complex polynomial	CSIR-GS	Kumar,P., Prof. (M) Birla Institute of Technology & Science (Pilani) Department of Mathematics Zuarinagar - 403 726 Goa	16.46	36
3262	Analytical and computational studies of some queueing models with Markovian arrival process and/or Markovian service process	CSIR-GS	Samanta,S.K., Dr. (M) National Institute of Technology (Raipur) Department of Mathematics Raipur - 492 010 Chhattisgarh	16.36	36
3263	Computational analysis of two dimensional blood flows through asymmetric catheterized stenotic tapered artery	CSIR-GS	Srikanth,D., Dr. (M) Defence Institute of Advanced Technology Department of Applied Mathematics Pune - 411 025 Maharashtra	15.96	36
3264	Contributions to the study of univalent and multivalent functions	CSIR-GS	Panigrahi,T., Dr. (M) Kalinga Institute of Industrial Technology University Department of Mathematics Bhubaneswar - 751 024 Odisha	16.96	36
3265	Credit linked studies in integrated inventory production systems in type-2 fuzzy environment	CSIR-GS	Mondal,S.K., Dr. (M) Vidyasagar University Department of Applied Mathematics O & C P Midnapore - 721 102 West Bengal	16.96	36
3266	Dynamical systems of relativistic cosmology	CSIR-GS	Chaubey,R., Dr. (M) Banaras Hindu University DST-CIMS Faculty of Science Varanasi - 221 005 Uttar Pradesh	16.46	36
3267	Implementation and validation of a fully quadrature method developed for the computation of nonlinear wave-wave interactions in discrete wave model	CSIR-GS	Prabhakar,V., Dr. (M) Vellore Institute of Technology University Division of Mathematics Chennai - 600 127 Tamil Nadu	11.04	36
3268	Mathematical modeling of dynamical diseases in the human brain	CSIR-GS	Upadhyay,R.K., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Applied Mathematics Dhanbad - 826 004 Jharkhand	16.96	36
3269	Mathematical modeling of equilibrium structures and oscillations of rotating stars in binary systems using modified roche equipotential	CSIR-GS	Lal,A.K., Dr. (M) Thapar University School of Mathematics Patiala - 147 004 Punjab	16.96	36
3270	Microfluidic mixing of newtonian/ non-newtonian fluids through charged channels	CSIR-GS	Nayak,A.K., Dr. (M) Indian Institute of Technology (Roorkee) Department of Mathematics Roorkee - 247 667 Uttarakhand	18.96	36
3271	Numerical study of convection flows in bounded regions under an imposed inclined magnetic field	CSIR-GS	Kaladhar,K., Dr. (M) National Institute of Technology (Puducherry) Department of Mathematics Karaikal - 609 605 Puducherry	16.46	36
3272	Solution of various forms of differential and integral equations through concept of Fixed Point theorems	CSIR-GS	Vats,R.K., Dr. (M) National Institute of Technology (Hamirpur) Department of Mathematics Hamirpur - 177 005 Himachal Pradesh	16.96	36
3273	Stability & blow up analysis for chemotaxis models in higher dimensions	CSIR-GS	Tyagi,J., Dr. (M) Indian Institute of Technology (Gandhinagar) Discipline of Mathematics Ahmedabad - 382 424 Gujarat	16.06	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3274	Stabilization of network control system with its optimal estimation	CSIR-GS	Muthukumar,P., Dr. (M) Gandhigram Rural University Department of Mathematics Gandhigram - 624 302 Tamil Nadu	16.36	36
3275	Studies on filtering and control design of dynamical systems	CSIR-GS	Ali,M.S., Dr. (M) Thiruvalluvar University Department of Mathematics Vellore - 632 115 Tamil Nadu	16.96	36
3276	Study of multisplittings of rectangular/singular materices and its applications in obtaining parallel solution of linear systems	CSIR-GS	Mishra,D., Dr. (M) National Institute of Technology (Raipur) Department of Mathematics Raipur - 492 010 Chhattisgarh	4.00	36
3277	Study of wave propagation aspects in piezoelectric, piezomagnetic and functionally graded piezoelectric composite structures	CSIR-GS	Singh,A.K., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Applied Mathematics Dhanbad - 826 004 Jharkhand	16.96	36
3278	Study on dark energy, dark matter and cosmic acceleration of the universe in modified gravity	CSIR-GS	Samanta,G.C., Dr. (M) Birla Institute of Technology & Science (Pilani) Department of Mathematics Zuarinagar - 403 726 Goa	16.96	36
3279	Study on some solution methods of vector optimization problems	CSIR-GS	Jayswal,A., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Applied Mathematics Dhanbad - 826 004 Jharkhand	16.96	36
3280	Study on some thin film coating flow problems using nanoliquid	CSIR-GS	Maity,S., Dr. (M) National Institute of Technology (Arunachal Pradesh) Department of Mathematics, Yupia Papumpare - 791 112 Arunachal Pradesh	16.56	36
3281	Characterising Landfill gas emissions: Experimental And Numerical investigation (CLEAN)	DST-IBC	Babu,S., Prof. (M) Indian Institute of Science C.V. Raman Road Bengaluru - 560 012 Karnataka	22.28	24
3282	Analysis of anisotropic effects in turbulent micro-channel flows	DST-SERB-CRG	Reza,M., Dr. (M) National Institute of Science & Technology Institute Park, Pallur Hills, Ganjam Berhampur - 761 008 Odisha	17.43	36
3283	Analytical & numerical investigation of unsteady thin film flow over a porous stretching surface	DST-SERB-CRG	Maity,S., Dr. (M) National Institute of Technology (Arunachal Pradesh) Yupia Papumpare - 791 110 Arunachal Pradesh	6.04	36
3284	Completely prime ideals of skew polynomial rings	DST-SERB-CRG	Bhat,V.K., Dr. (M) Shri Mata Vaishno Devi University Katra - 182 320 Jammu & Kashmir	4.43	36
3285	Control theory on symmetric spaces & lie super groups	DST-SERB-CRG	Pati,K.C., Dr. (M) National Institute of Technology (Rourkela) Department of Mathematics Rourkela - 769 008 Odisha	13.60	36
3286	Exactly solvable exclusion processes	DST-SERB-CRG	Ayyar,A., Dr. (M) Indian Institute of Science Department of Mathematics Bengaluru - 560 012 Karnataka	19.30	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3287	Extinction risk analysis: An approach to preserve endangered species	DST-SERB-CRG	Roy,P., Dr. (F) Thapar University Adarsh Nagar, Prem Nagar Patiala - 147 004 Punjab	16.35	36
3288	Homogenization of partial differential equations in certain complex domains	DST-SERB-CRG	Nandakumaran,A.K., Dr. (M) Indian Institute of Science Department of Mathematics Bengaluru - 560 012 Karnataka	19.32	36
3289	Interaction of water waves with floating & submeged bodies	DST-SERB-CRG	De,S., Dr. (M) Assistant Professor Calcutta University Department of Applied Mathematics, 92 A.P.C. Road Kolkata - 700 073 West Bengal	3.30	36
3290	Mathematical modelling of seismic wave propagation in composite layered structures	DST-SERB-CRG	Chattopadhyay,A., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Applied Mathematics Dhanbad - 826 004 Jharkhand	15.19	36
3291	Modelling Hypothermia & Hypoxia associated problems to the people living at high altitudes of Himalayas regions	DST-SERB-CRG	Khanday,M.A., Dr. (M) Kashmir University Department of Mathematics, Hazratbal Srinagar - 190 006 Jammu & Kashmir	15.58	36
3292	On epimorphisms & semigroup Amalgams	DST-SERB-CRG	Shah,A.H., Dr. (M) Central University of Kashmir D-09, Cpwd Quarters Sharja Ground, Bemina Srinagar - 190 006 Jammu & Kashmir	5.04	36
3293	On recent problems in Optimization theory & its applications	DST-SERB-CRG	Singh,V., Dr. (M) National Institute of Technology (Mizoram) Aizawal - 796 012 Mizoram	15.86	36
3294	On the graphs associated with ordered structures	DST-SERB-CRG	Joshi,V.V., Dr. (M) Savitribai Phule Pune University Flat 202, Gokuldham Society, Vidyanagar Lane No.1, Near Chowk, New Sangvi Pune - 411 007 Maharashtra	15.33	36
3295	Optimal design of experiments with correlated observations	DST-SERB-CRG	Mukhopadhyay,S., Dr. (F) Indian Institute of Technology (Bombay) Department of Mathematics, Powai Mumbai - 400 076 Maharashtra	20.93	36
3296	Principal eigenvalue problems & its application to risk-sensitive controls	DST-SERB-CRG	Biswas,A., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	19.80	36
3297	Role of escaping sets in complex dynamics	DST-SERB-CRG	Singh,A.P., Dr. (M) Central University of Rajasthan Department of Mathematics, Bandarsindri Kishangarh - 305 801 Rajasthan	4.83	36
3298	Solutions for viscous & inviscid burgers equations	DST-SERB-CRG	Engu,S., Dr. (M) National Institute of Technology (Karnataka) Al 29, Quarters Mangalore Surathkal - 575 025 Karnataka	14.77	36
3299	Some problems on b-coloring & indicated coloring of graphs	DST-SERB-CRG	Raj,S.F., Dr. (M) Pondicherry University No 19, Balamurugan Street, Anand Nagar, K.K. Nagar, Trichy Puducherry - 605 014 Puducherry	14.45	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3300	Statistical approached for genome-wide association studies & genomic selection for multiple traits in structured plant & animal population	DST-SERB-CRG	Bhar,L.M., Dr. (M) ICAR-Indian Agricultural Statistics Research Institute New Delhi - 110 012 Delhi	15.36	36
3301	Symbol pair codes over finite rings	DST-SERB-CRG	Singh,A.K., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Mathematics Dhanbad - 826 004 Jharkhand	15.32	36
3302	The Kontorovich-Lebedev transform & related integral operators on function & distribution spaces	DST-SERB-CRG	Prasad,A., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Applied Mathematics, Sardar Patel Nagar Dhanbad - 826 004 Jharkhand	15.79	36
3303	Two fundamental problems in Coding theory	DST-SERB-CRG	Kaipa,K., Dr. (M) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	11.00	36
3304	Unsteady hydrodynamic & hydromagnetic flows & heat transfer in Newtonian and non-Newtonian fluids	DST-SERB-CRG	Dholey,S., Dr. (M) Maharaja Dhiraj Uday Chand Women's College B.C Road, Pairakhana Burdwan - 713 104 West Bengal	16.28	36
3305	Wavelet Galerkin schemes for higher order multidimensional partial differential equations	DST-SERB-CRG	Kumar,B.V.R., Dr. (M) Indian Institute of Technology (Kanpur) Department Mathematics & Statistics Kanpur - 208 016 Uttar Pradesh	20.42	36
3306	Approximation by generalized Kantorovich type sampling series	DST-SERB-EMEQ	Kumar,S.A., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) Department of Mathematics Nagpur - 440 010 Maharashtra	17.06	36
3307	Development of doubly-even self-dual binary codes of length 24K	DST-SERB-EMEQ	Bagchi,S., Dr. (M) National Institute of Technology (Durgapur) Department of Mathematics, Mahatma Gandhi Road Durgapur - 713 209 West Bengal	15.24	36
3308	Dynamics of Mathematical epidemic models for spread of infectious diseases with media awareness, impulsive vaccination, quarantine & isolation: An optimal control study	DST-SERB-EMEQ	Mathur,K.S., Dr. (M) Dr. Hari Singh Gour Central University Department of Mathematics & Statistics Sagar - 470 003 Madhya Pradesh	16.86	36
3309	Exploring uncertainties for production bottlenecks of biodiesel in SCEM: Deterministic & Stochastic studies with dynamic optimization	DST-SERB-EMEQ	Roy,P.K., Dr. (M) Jadavpur University Kolkata - 700 032 West Bengal	11.61	36
3310	Modelling of electro-osmotic flow & heat transfer in a micro-channel for microfluidic applications	DST-SERB-EMEQ	Shit,G.C., Dr. (M) Jadavpur University Department of Mathematics Kolkata - 700 032 West Bengal	20.32	48
3311	Nonlinear wave dynamics in PT symmetric optical media	DST-SERB-EMEQ	Das,A., Dr. (M) Kalyani University Nadia - 741 235 West Bengal	14.90	36
3312	Spectral methods for fractional models of Mathematical Physics with new non-local & non-singular caputo-fabrizio derivative	DST-SERB-EMEQ	Kumar,S., Dr. (M) National Institute of Technology (Jamshedpur) Department of Mathematics Jamshedpur - 831 014 Jharkhand	21.12	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3313	Tensor-valued wavelet analysis & application to solution of differential	DST-SERB-EMEQ	Behera,R., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Department of Mathematics & Statistics Mohanpur - 741 246 West Bengal	18.74	36
3314	Variable selection in zero inflated models for regression analysis of count data	DST-SERB-EMEQ	Sakate,D.M., Dr. (M) Shivaji University Kolhapur - 416 004 Maharashtra	16.91	36
3315	Mathematical modeling of pumping of nano ..	UGC-MNRP	Kumari,S.K.P., Dr. (F) Assistant Professor Vidya Jyothi Institute of Technology Hyderabad - 500 075 Telangana	1.95	24
3316	Studies on stability analysis of neural	UGC-MNRP	Jeetendra,R., Dr. (M) Assistant Professor Kongu Engineering College District Erode Perundurai - 638 052 Tamil Nadu	3.00	24

Total Cost of 56 Projects Under: ***Mathematics*** 833.02

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3317	Design & development of inhibitors of Denv Methyl transferase for the treatment of Dengue viral infection	AICTE-RP	Jayaprakash,V., Dr. (M) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	17.65	36
3318	Design & development of move drug delivery systems using herbal medicines to treat Alzheimer's disease	AICTE-RP	Nadendla,R.R., Dr. (M) Chalapathi Institute of Pharmaceutical Sciences Chalapathi Nagar, LAM Guntur - 522 034 Andhra Pradesh	10.12	36
3319	Design of novel PPK2 inhibitors as adjuvants to current anti-Tubercular drugs: Advanceing host-directed therapy for MDR/XDR-TB	AICTE-RP	Peraman,R., Dr. (M) Raghavendra Institute Pharmaceutical Education & Research Krishnamreddypalli Cross, Chyyedy Post Anantapur - 515 720 Andhra Pradesh	16.47	36
3320	Development, comparative pharmacokinetic & pharmacodynamic studies of liquisolid compacts & solid smedds of selected BCS Class -II low dose drugs	AICTE-RP	Veerabrahma,K., Dr. (M) Kakatiya University University College of Pharmaceutical Sciences, , Vidyaranyapuri Warangal - 506 009 Telangana	23.53	36
3321	Efficacy of bitter phytomaterials against carbapenem resistant New Delhi metalloproteinase-1 bacteria	AICTE-RP	Kotagale,N., Dr. (M) Government College of Pharmacy Kathora Naka Amravati - 444 604 Maharashtra	5.88	36
3322	Engineered affibody conjugated oxaliplatin nano particles for the management of Colorectal cancer	AICTE-RP	Gowthamarajan,K., Dr. (M) J.S.S. College of Pharmacy P.B. No. 20, Rocklands, The Nilgiris Ootacamund - 643 001 Tamil Nadu	5.00	36
3323	Engineered polymeric mixed micelles of selective estrogen receptor modulator for targeted delivery to breast cancer	AICTE-RP	Pokharkar,V., Dr. (F) Bharati Vidyapeeth University Poona College of Pharmacy, Paud Road, Erandwane Pune - 411 038 Maharashtra	23.53	36
3324	Evaluation of anticancer potential of few coumarin derivatives with plasmonic up conversion luminescent nanomaterials: A non-invasive theranostic approach for breast cancer	AICTE-RP	Pattanayak,S., Dr. (M) Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	23.82	36
3325	Exploration of TAU pathway with curcumin loaded nanoformulation for treatment of Alzheimer's disease	AICTE-RP	Arulmozhi,S., Mrs. (F) Bharati Vidyapeeth University Poona College of Pharmacy, Paud Road, Erandwane Pune - 411 038 Maharashtra	17.65	36
3326	Formulation & evaluation of phytosomes: A novel drug delivery system for antidiabetic plant extracts & phytoconstitutents	AICTE-RP	Kumar,S., Dr. (M) Kurukshetra University Institute of Pharmaceutical Sciences Kurukshetra - 136 119 Haryana	20.00	36
3327	Identification of novel bioactive phyto-constituents & developing of nano-phytosomal drug delivery system for drugs resistant Malaria	AICTE-RP	Cherukuri,S., Dr. (F) Raghavendra Institute Pharmaceutical Education & Research Krishnamreddypalli Cross, Chyyedy Post Anantapur - 515 721 Andhra Pradesh	17.65	36
3328	Lipid nanoparticles for oral targeted drug delivery of disease modifying anti Rheumatoid Phytopharmaceuticals	AICTE-RP	Bhalekar,M., Dr. (M) AISSMS College of Pharmacy Kennedy Road, Near R.T.O. Pune - 411 001 Maharashtra	23.53	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3329	Nanoparticle core tablet for Colorectal cancer: Formulation, optimization, in vitro & invivo characterization pharmacokinetic studies in animals	AICTE-RP	Reddy,B.K., Dr. (M) Sri Venkateswara College of Pharmacy R.V.S. Nagar, Tirupathi Road, Post Murukumbattu Chittoor - 517 127 Andhra Pradesh	5.29	36
3330	Novelaryl & heteroaryl butenolide analogues of cadiolide as potential agents against Mycobacterium Tuberculosis	AICTE-RP	Mutyala,M.K., Dr. (M) Andhra University Andhra University College of Pharmaceutical Sciences Visakhapatnam - 530 003 Andhra Pradesh	8.82	36
3331	Pharmacological evaluation of prosopis cineraria (Fabaceae) for its hypolipidemic & cardio protective activity	AICTE-RP	Surana,S., Dr. (M) R.C. Patel Institute of Pharmaceutical Education & Research Near Karwand Naka, District Shirpur Dhule - 425 405 Maharashtra	17.65	36
3332	Preparative isolation & characterization of bioactive natural products for glycemic control in Diabetes	AICTE-RP	Mir,S., Dr. (M) Jamia Hamdard Faculty of Pharmacy, Hamdard Nagar New Delhi - 110 062 Delhi	25.00	36
3333	Solid-preconcentrated efavirenz microemulsion: Formulation development of orally disintegrating system	AICTE-RP	Rana,V., Mr. (M) Punjabi University Department of Pharmaceutical Sciences & Drug Research Patiala - 147 002 Punjab	23.53	36
3334	Soy lecithin: Fractionstion, enrichment of phosphatidylcholine & its therpeutics potential in CNS disorders	AICTE-RP	Chaple,D., Mr. (M) Priyadarshini J.L. Chaturvedi College of Pharmacy Jeppiaar Nagar, Old Mammallapuram Road Nagpur - 440 008 Maharashtra	16.00	36
3335	Studies on the role of neuropeptides in neuropathic pain in rats	AICTE-RP	Kokare,D., Dr. (M) Rashtrasant Tukadoji Maharaj Nagpur University Department of Pharmaceutical Sciences, Amravati Road Nagpur - 440 033 Maharashtra	15.29	36
3336	Anti-migratory role of black seed extract (Thymoquinone) nanoparticle in triple negative breast cancer cells: Evaluation of molecular mechanisms via miRNA axis	AYUSH-AYURVEDA	Adhikary,A., Dr. (M) Calcutta University Department of Life Science, Cancer, Centre for Research in Nanoscience & Nanotechnology, Acharya Prafulla Chandra Siksha Prangan, JD-2, Sector III, Saltlake City Kolkata - 700 098 West Bengal	35.37	36
3337	Clinical evaluation of Ayurveda based integrative management of Diabetic Retinopathy	AYUSH-AYURVEDA	Gangadharan,G.G., Dr. (M) Director M.S. Ramaiah Indian Centre for Ayurveda & Integrative Medicine Gokula Education Foundation (Medical), Gate No. 2, New B.E.L. Road Bengaluru - 560 054 Karnataka	50.18	36
3338	Effect of Ayurveda nootropics on cognitive function in breast cancer patients on adjuvant chemotherapy: A randomized controlled trial	AYUSH-AYURVEDA	Godbole,A., Dr. (F) Sr. Assistant Professor Institute of Transdisciplinary Health Science & Technology Bengaluru - 560 064 Karnataka	56.87	36
3339	Evaluation of ratio protective potential of medicinally important Indian bamboo plants in cancer	AYUSH-AYURVEDA	Mehta,P.J., Dr. (F) Professor & Head Nirma University Department of Pharmacology, Institute of Pharmacy, S.G. Highway Ahmedabad - 382 481 Gujarat	42.12	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3340	Evaluation of the effect of Patrapottali sveda & Thailadhara extrenally & Panchatiktaka Ksheera & ghruta internally in the management of Sandhivata (Osteo Arthritis-knee)	AYUSH-AYURVEDA	Mooss,E.T.N., Dr. (M) Director Vaidyaratnam Ayurveda Foundation Vaidyaratnam Road, Ollur, Thaikkattussery Thrissur - 680 306 Kerala	37.50	24
3341	Evaluation of the heavy metals content in market samples of plant raw drugs used in Ayurveda	AYUSH-AYURVEDA	Gauba,P., Dr. (F) Associate Professor Jaypee Institute of Information Technology A-10, Sector 62 Noida - 201 309 Uttar Pradesh	41.07	36
3342	To study the antitumour potential of Pashaanbhela, Punarnava, Gokshura & Badra on the human Urothelial Cell Carcinoma (UCC) cell lines	AYUSH-AYURVEDA	Verma,S., Dr. (M) Scientist D ICMR-National Institute of Pathology ICMR Building, Safdarjung Hospital Campus New Delhi - 110 029 Delhi	28.90	36
3343	Toxicity evaluation of Ayurvedic herbo-metallic preparations	AYUSH-AYURVEDA	Kumari,S.I., Dr. (F) Senior Scientist CSIR-Indian Institute of Chemical Technology Tarnaka Hyderabad - 500 007 Telangana	49.86	36
3344	Validating the Diabetic wound-healing activity of Jatyadi Thailam using an in vitro reverse pharmacology approach	AYUSH-AYURVEDA	Padma,P.R., Dr. (F) Professor Avinashilingam Institute for Home Science & Higher Education for Women Department of Biochemistry, Biotechnology & Bioinformatics Coimbatore - 641 043 Tamil Nadu	25.45	24
3345	Efficacy of Homoeopathic intervention in influencing the academic outcome in children with scholastic difficulties from the vernacular medium - a multicentric study	AYUSH-HOMOEOPATH	Dhawale,K.M., Dr. (M) Dr. M.L. Dhawale Memorial Trust BMC's Holistic Mother & Child Care Centre, 3rd Floor, Hari Shankar Joshi Marg, Dahisar (E) Mumbai - 400 068 Maharashtra	59.54	36
3346	Single step extraction of whole plant extract containing phenylpropanoids & investigation of their biomedical role in treatment of stomach cancer	AYUSH-SIDDHA	Sundaram,M.M., Dr. (M) Assistant Professor SASTRA University School of Chemical & Biotechnology, Tirumalaisamudram Thanjavur - 613 401 Tamil Nadu	31.10	36
3347	Comparative study of nanoformulation of Khamira Abresham hakim Arshadwala with its traditional formulation against Myocardial necrosis & associated ailements	AYUSH-UNANI	Mahmood,T., Dr. (M) Integral University Faculty of Pharmacy, Islamic Council for Productive Education, Dasauli, Kursi Road Lucknow - 226 026 Uttar Pradesh	43.39	36
3348	Effect of Celastruspaniculatus (Malkanganj) on cell model of Alzheimer's disease	AYUSH-UNANI	Fatima,S., Dr. (F) Jamia Millia Islamia Department of Biotechnology, Lab No. 510, Srinivas Ramanujan Block New Delhi - 110 025 Delhi	49.97	36
3349	Effect of Unani drugs on cognitive defects & the neurotoxicity induced by the expression of human alpha synuclein in the transgenic Drosophila fly model of Parkinson's disease	AYUSH-UNANI	Siddiqui,Y.H., Dr. (M) Assistant Professor Aligarh Muslim University Department of Zoology Aligarh - 202 002 Uttar Pradesh	38.19	36
3350	Evaluation of antimycobacterial potential of Unani drugs Qurs-e-Sartan Kafoori & sharbat-e-Ejaz - A mechanistic approach	AYUSH-UNANI	Fatima,Z., Dr. (F) Assistant Professor Amity University Amity Education Valley, Panchagaon, Manesar Gurgaon - 122 413 Haryana	47.90	36
3351	Exploring the therapeutic mechanism of Majoon chobchini, an Unani medicine in the management of Rheumatoid Arthritis (Waja-ul-mafasil) - an immunological investigation	AYUSH-UNANI	Rasool,M., Dr. (M) Professor Vellore Institute of Technology University School of Bio Sciences & Technology, Immunopathology Lab. Vellore - 632 014 Tamil Nadu	33.70	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3352	Pharmacological & molecular approaches to investigate the effect of Adhatoda vasica in experimental models of Bleomycin induced Pulmonary Fibrosis	AYUSH-UNANI	Bhatia,J., Dr. (F) Professor All India Institute of Medical Sciences Department of Pharmacology, Ansari Nagar New Delhi - 110 029 Delhi	55.43	36
3353	Screening of pro-apoptotic potential of medicinal plant extract on Leishmania donovani infected & uninfected human macrophages	AYUSH-UNANI	Rub,A., Dr. (M) Assistant Professor Jamia Millia Islamia Department of Biotechnology, Infection & Immunity Lab (414), Srinivasa Ramanujan Block New Delhi - 110 025 Delhi	64.09	36
3354	Study of formulations of Unani medicine for their anti-cancer efficacy & mechanisms	AYUSH-UNANI	Singh,R.P., Prof. (M) Jawaharlal Nehru University 104, Cancer Biology Laboratory, School of Life Sciences New Delhi - 110 067 Delhi	49.30	36
3355	Unveiling the therapeutic potential of a Unani herbal formulation Habb-e-Asgandh in hematological malignancy	AYUSH-UNANI	Sharma,A., Dr. (F) Professor All India Institute of Medical Sciences Department of Biochemistry, Ansari Nagar New Delhi - 110 029 Delhi	61.07	36
3356	Validation of traditional Unani plant products & their ingredients for anticancer effet on Hepatocellular carcinoma	AYUSH-UNANI	Moghe,A.S., Dr. (F) Associate Professor & HoD Bharati Vidyapeeth University Department of Cell & Molecular Biology, Rajiv Gandhi Institute of IT & Biotechnology, Dhankawadi Pune - 411 046 Maharashtra	64.58	36
3357	A clinical study to evaluate the effects of Yogic intervention on Pulmonary functions, inflammatory markers, oxidative stress & health status in patients of Chronic Obstructive Pulmonary Disease (COPD)	AYUSH-YOGA	Gulati,K., Dr. (F) Professor Vallabhbhai Patel Chest Institute Department of Pharmacology, University of Delhi Delhi - 110 007 Delhi	39.77	36
3358	A study of therapeutic effect of Yoga based intervention in patients with Somatoform pain diorders	AYUSH-YOGA	Desai,G., Dr. (F) Additional Professor National Institute of Mental Health & Neuro Sciences Department of Psychiatry Bengaluru - 560 029 Karnataka	31.95	36
3359	A translational randomized trial of Yoga based lifestyle intervention for Major Depressive Disorder (MDD) management in India & analyzing biomarkers of cellular aging associated with it	AYUSH-YOGA	Dada,R., Dr. (F) Professor All India Institute of Medical Sciences Department of Anatomy, Lab for Molecular Reproduction & Genetics, Ansari Nagar New Delhi - 110 029 Delhi	57.09	36
3360	Effect of Yogic intervention on QOL & immunological profile in breast cancer patients undergoing chemotherapy & radiotherapy - A randomized control trial	AYUSH-YOGA	Kumar,S., Dr. (M) Associate Professor King George's Medical University Department of General Surgery Lucknow - 226 003 Uttar Pradesh	57.08	36
3361	Efficacy of Naturopathy & Yoga in controlling hypothyrodism	AYUSH-YOGA	Nair,R., Dr. (F) Medical Superintendant Babu Nature Cure Hospital & Yogashram Gandhi Nidhi, Patparganj, Mayur Vihar, Phase I Delhi - 110 091 Delhi	33.82	24
3362	Efficacy of Yoga based lifestyle intervention on Acute phase Insulin Release (AIR) in pre-diabetes	AYUSH-YOGA	Ramesh,M.N., Dr. (M) Associate Professor Swami Vivekananda Yoga Anusandhana Samsthana Molecular Biosciece Laboratory, Anvesna Research Laboratories, #19, Eknath Bhavan, Gavipuram Circle, Kempegowda Nagar Bengaluru - 560 019 Karnataka	29.50	24
3363	Exploring the Yoga benefits of cognitive improvement & metabolic mediator of neuro-endocrine biomarkers in patients with Type 2 Diabetes	AYUSH-YOGA	Singh,D., Dr. (M) Assistant Professor Swami Vivekananda Yoga Anusandhana Samsthana 19, Eknath Bhavan, Gavipuram Circle,K.G. Nagar Bengaluru - 560 019 Karnataka	63.55	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3364	Role of Yoga during antenatal period among gestational Diabetic & its outcomes in a primary health care setting	AYUSH-YOGA	Ravindra,P.N., Dr. (M) Professor & Head Gadag Institute of Medical Sciences Mallasamudra Gadag - 582 103 Karnataka	48.95	36
3365	The impact of Yoga intervention on physical & mental health of adults with Type 2 Diabetes	AYUSH-YOGA	Poongothai,S., Dr. (F) Senior Scientist & Head Madras Diabetes Research Foundation. Department of Clinical Trials Operations, No. 4, Conran Smith Road, Gopalapuram Chennai - 600 086 Tamil Nadu	47.35	36
3366	Yoga & its outcome based on biochemical & molecular evidences in Diabetic patients	AYUSH-YOGA	Kalyan,K.V., Dr. (M) Associate Professor GITAM University Department of Biochemistry, Rushikonda Visakhapatnam - 530 045 Andhra Pradesh	23.20	36
3367	Dissecting the role of various proteins in mycobacterial biofilm formation	CSIR-GS	Jain,V., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Biological Science Bhopal - 462 023 Madhya Pradesh	18.80	36
3368	Effect of the metabolites relevant to pathogenesis of age related macular degeneration on phagocytic machinery of the retinal pigment epithelial cells and the screening of therapeutic molecules: An in vitro study	CSIR-GS	Angayarkanni,N., Prof. (F) Vision Research Foundation Department of Biochemistry & Cell Biology Chennai - 600 006 Tamil Nadu	27.96	36
3369	Elucidating the role of beta-cell DNA complexes in activation of plasmacytoid dendritic cells and monocytes in pathogenesis of Type-1 Diabetes	CSIR-GS	Sacheva,N., Dr. (M) P.G. Institute of Medical Education & Research Department of Endocrinology Chandigarh - 160 012 Chandigarh	32.96	36
3370	Molecular and functional characterization of aurora kinase from human pathogen entamoeba histolytica	CSIR-GS	Dam,S., Dr. (F) Burdwan University Department of Microbiology Burdwan - 713 104 West Bengal	21.20	36
3371	Molecular insight into heterogenic resistance and vancomycin creep in staphylococcus aureus: Optimization of a diagnostic screening marker	CSIR-GS	Bhattacharjee,A., Dr. (M) Assam University Department of Microbiology Silchar - 788 011 Assam	31.96	36
3372	Role of dendritic cell - T cell interaction in immune regulation of experimental pulmonary fibrosis	CSIR-GS	Bhattacharyya,A., Dr. (M) Calcutta University Department of Zoology, 35, B.C. Road Kolkata - 700 019 West Bengal	27.96	36
3373	Role of early growth response-1 (Egr-1) protein in Diabetic retinopathy - elucidating the molecular link between advanced glycation end products (age) - receptor for age and Egr-1 in retinal vascular disruption	CSIR-GS	Miriam,K.C., Dr. (F) Vision Research Foundation Department of Biochemistry & Cell Biology, Sankara Nethralaya Chennai - 600 006 Tamil Nadu	15.00	36
3374	Structural and functional studies on Rab35 from entamoeba histolytica and its implication in the amebic pathogenesis	CSIR-GS	Datta,S., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Biological Science Bhopal - 462 066 Madhya Pradesh	15.00	36
3375	Studies on the transcriptional regulation of LipF promoter of Mycobacterium Tuberculosis	CSIR-GS	Bandhu,A., Dr. (M) National Institute of Technology (Warangal) Department of Biotechnology Warangal - 506 004 Telangana	26.96	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3376	To decipher the link between function of yeast clade specific mitochondrial RNA helicases and virulence of opportunistic pathogen candida albicans	CSIR-GS	Datta,K., Dr. (M) Delhi University New Delhi - 110 021 Delhi	32.96	36
3377	Study of pain attributes to design a pain measurement device for the cancer & injury patients	DRDO-ER&IPR	Bhatnagar,S., Dr. (F) Professor & Head All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	47.77	24
3378	A wearable fetal movement monitor for prenatal care in community medicine practice	DST-IBC	Devasahayarn,S., Dr. (M) Christian Medical College I.D.A, Scudder Road Vellore - 632 004 Tamil Nadu	42.09	36
3379	Advancing MEG based brain- computer interface supported upper limb post-stroke rehabilitation	DST-IBC	Dutta,A., Prof. (M) Indian Institute of Technology (Kanpur) Kalyanpur Kanpur - 208 016 Uttar Pradesh	40.07	36
3380	An exploratory study of the role of inflammasomes on aberrant neurodevelopment in Schizophernia	DST-IBC	John,J.P., Dr. (M) National Institute of Mental Health & Neuro Sciences Milk Dairy, Hosur Road Bengaluru - 560 029 Karnataka	34.44	24
3381	An integrated approach to the treatment of duchenne muscular dystrophy and spinal muscular atrophy	DST-IBC	Puthiyedath,R.M., Dr. (M) Amrita Vishwa Vidyapeetham Clappana, Vallikavu, P.O. Amritapuri Kollam - 690 525 Kerala	10.80	36
3382	Defining optimal imaging sequences for 3 Tesla MR & image deformation techniques for dose reporting for MR guided brachytherapy of cervical cancer	DST-IBC	Sastri,S.J., Dr. (F) Advanced Centre for Treatment Research & Education in Cancer Department of Radiation Oncology, Kharghar Navi Mumbai - 410 210 Maharashtra	7.44	24
3383	Delivery of siRNA for masking resistance to chemotherapy in non- small cell lung cancer	DST-IBC	Misra,A.D., Prof. (M) M.S. University of Baroda Vadodara - 391 410 Gujarat	5.03	24
3384	Design, synthesis and biological evaluations of B-serretare inhibitiors as anti-Alzheimer's agents	DST-IBC	Malik,R., Dr. (F) Central University of Rajasthan Kishangarh Ajmer - 305 817 Rajasthan	19.84	24
3385	Development and standardization of harpagophytum procumbes (Devil's Claw) herbal formulations for the treatment of low back pain as per regulatory requirements	DST-IBC	Nalluri,B.N., Prof. (F) K.V.S.R. Siddhartha College of Pharmaceutical Sciences Siddhartha Nagar Vijayawada - 520 010 Andhra Pradesh	29.72	36
3386	Development of a low field MRI scanner for stroke imaging	DST-IBC	Geethanath,S., Mr. (M) Dayananda Sagar College of Engineering Medical Imaging Research Centre, Kumaraswamy Layout Bengaluru - 560 078 Karnataka	11.18	36
3387	Development of an immunohistochemistry assay to detect Mycobacterium Tuberculosis PknB PASTA antigen for diagnosis of Extrapulmonary Tuberculosis	DST-IBC	Nandicoori,V., Prof. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	29.43	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3388	Development of in-vivo evaluation of multiscale fibrous scaffolds having controlled molecular mobility for directed bone regeneration	DST-IBC	Jayakumar,R., Prof. (M) Amrita Vishwa Vidyapeetham Amrita Centre for Nanosciences & Molecular Medicine, Amrita Institute of Medical Sciences, Edappally Kochi - 682 041 Kerala	4.90	24
3389	Development of nature inspired bivalent antitublins as anticancer agents	DST-IBC	Negi,A.S., Dr. CSIR-Central Institute of Medicinal & Aromatic Plants Chandanapur, Indira Nagar Lucknow - 226 015 Uttar Pradesh	45.91	36
3390	Development of novel heterocyclic compounds as inhibitors of Influenza virus neuraminidase	DST-IBC	Kantevari,S., Dr. (M) CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	24.44	36
3391	Development of novel Thiazolidinediones (TZDs) with anti-Leukmic potential	DST-IBC	Ramaa,C.S., Dr. (M) Bharati Vidyapeeth University C.B.D Belapur Mumbai - 400 614 Maharashtra	43.96	24
3392	Dissecting the association of miRNAs with mitochondria state and its involvement in mitochondria-mediated inflammation in brain ischemia	DST-IBC	Singh,R., Dr. (M) M.S. University of Baroda Vadodara - 390 002 Gujarat	33.24	24
3393	Evaluation of bioenergetic functions in mitochondria of Leishmania parasites & mammalian macrophages	DST-IBC	Chatterjee,M., Prof. (F) Institute of Post Graduate Medical Education & Research & S.S.K.M. Hospital Department of Pharmacology, 244 B, Acharya J.C Bose Road Kolkata - 700 020 West Bengal	6.21	24
3394	Facilitating the intelligent management of chronic wounds in Diabetic patients: Developing accessible wound monitoring technologies	DST-IBC	Mathur,A., Dr. (M) Amity University Gautam Buddha Nagar Noida - 201 313 Uttar Pradesh	25.79	36
3395	Folding mechanism of trans activation domain of E2A-PBX1, an intrinsically disordered protein involved in Leukemia induction	DST-IBC	Giri,R., Dr. (M) Indian Institute of Technology (Mandi) Near Kataula, Kamand Kangra - 175 005 Himachal Pradesh	23.39	36
3396	Genetic basis of early-onest systemic lupus seythematosus in India & Italy	DST-IBC	Rawat,A., Dr. (M) P.G. Institute of Medical Education & Research Sector, 12 Chandigarh - 160 012 Chandigarh	24.83	36
3397	Genetic biomarkers for breast cancer subtypes: The role of membrane receptors in modeling of heterogeneous populations of tumor cells	DST-IBC	Saha,I., Dr. (M) National Institute of Technical Teachers Training & Research FC Block, Sector III, Salt Lake City Kolkata - 700 106 West Bengal	8.93	24
3398	Interplay of metabolic and signal pathways of N-acyl dopamines and cholesterol in cancer cells	DST-IBC	Mandal,C.C., Dr. (F) Central University of Rajasthan Department of Biochemistry, NH-8, Bandar Sindri Ajmer - 305 817 Rajasthan	16.47	36
3399	Investiagtion of traditional medicines used as anti-infectives and against neurodegenerative disease	DST-IBC	Mukherjee,P.K., Prof. (M) Jadavpur University Department of Pharmaceutical Technology, School of Natural Product Studies, Jadavpur Kolkata - 700 032 West Bengal	35.09	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3400	Investigating BRCAness in Epithelial Ovarian Cancer (EOC) in India to develop stratified surgical and chemotherapy options	DST-IBC	Mukhopadhyay,A., Dr. (F) Tata Medical Centre Tata Translational Cancer Research Centre. New Rajarjat Kolkata - 700 160 West Bengal	51.73	36
3401	Investigations into the cancer chemopreventive activities of the dietary flavonol fisetin	DST-IBC	Singh,R.P., Prof. (M) Jawaharlal Nehru University School of Life Sciences, New Mehrauli Road New Delhi - 110 067 Delhi	37.74	36
3402	Neurodegeneration with brain iron accumulation: Iron-biomarker & therapeutic options	DST-IBC	Rajeswari,M.R., Dr. (F) All India Institute of Medical Sciences Department of Biochemistry, Ansari Nagar New Delhi - 110 029 Delhi	9.79	24
3403	Pharmacological mimicking of cold via cold thermo-receptors (Transient Receptor Potential Ankyrin (A) 1 and Metastatin (M)8) and energy regulation: Novel implications in obesity and type-2-Diabetes	DST-IBC	Bishnoi,M., Dr. (M) National Agri-Food Biotechnology Institute Sector 81 Mohali - 140 308 Punjab	55.34	24
3404	Role of TAZ protein as a stemness factor in human umbilical cord derived mesenchymal stem cells & its potential role in wound healing in personalised medicinal system	DST-IBC	Pathak,S., Dr. (M) Chettinad Health & Research Institute Rajiv Gandhi Salai, Kelambakkam, District Kanchipuram Chennai - 603 103 Tamil Nadu	10.80	36
3405	Synthesis and therapeutic potential of most promising anticancer, cytotoxic and anti-inflammatory beta carboline derivatives	DST-IBC	Bhadra,K., Dr. (F) Kalyani University Nadia - 741 235 West Bengal	21.36	36
3406	Synthesis of heterocyclic compounds from1, 1 diaminoazines: Theoretical & experimental studies	DST-IBC	Bharatam,P.V., Prof. (M) National Institute of Pharmaceutical Education & Research Department of Medical Chemistry, Sahibzada Ajit Singh Nagar Mohali - 160 062 Punjab	8.81	24
3407	Understanding differences in the patterns of Osteoarthritis in Indian & western population: Impact on symptoms, treatment options & their outcome	DST-IBC	Malhotra,R., Prof. (M) All India Institute of Medical Sciences Ansari Nagar East New Delhi - 110 029 Delhi	90.72	36
3408	Use of nanoparticles as protein aggregation modulators for health care and pharmaceutical applications	DST-IBC	Subramanian,V., Dr. (M) CSIR-Central Leather Research Institute Chemical Laboratory, Adyar Chennai - 600 020 Tamil Nadu	31.78	24
3409	Building healthcare informatics systems utilising web data	DST-ICPS	Jana,A., Mr. (M) Assistant Professor Indian Institute of Technology (Bombay) Centre for Urban Science & Engineering, Powai Mumbai - 400 076 Maharashtra	22.78	36
3410	Building healthcare informatics systems utilising web data	DST-ICPS	Ghosh,S., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 731 302 West Bengal	20.76	36
3411	Data curation and feature engineering for epidemiology data analytics	DST-ICPS	Nickolas,S., Dr. (M) Associate Professor National Institute of Technology (Tiruchirapalli) Department of Computer Applications, Tanjore Road Tiruchirappalli - 620 015 Tamil Nadu	29.26	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3412	Epidemiology Data Analysis and Vsualization (EPIDAVIZ) project	DST-ICPS	Money,P.K., Dr. (M) Professor St. John's Research Institute Division of Epidemiology, Biostatistics & Population Health, 100 Feet Road, John Nagar, Koramangala Bengaluru - 560 034 Karnataka	31.03	36
3413	Boron & gadolinium nanoparticles for Cancer diagnosis & therapy	DST-IMRC	Mandal,S., Dr. (M) Indian Institute of Science Education & Research (Kolkata) Department of Chemical Sciences, 35/1, 2nd Avenue, DC Block, Sector 1, Salt Lake City Kolkata - 700 064 West Bengal	36.14	36
3414	Comprehensive evaluation of pathophysiology & nutraceutical intervention for improved knee Osteoarthritis	DST-IMRC	Harshulkar,A., Dr. (M) Bharati Vidyapeeth University Interactive Research School for Health Affairs Pune - 411 043 Maharashtra	70.42	36
3415	Epigenetics of macrophages during Mycobacterium Tuberculosis infection	DST-IMRC	Khosla,S., Mr. (M) Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 039 Telangana	36.14	36
3416	Initiative for development of biomarkers in immune neuropathies	DST-IMRC	Mehndiratta,M.M., Prof. (M) Maulana Azad Medical College & Associated Hospitals 2, Bahadur Shah Zafar Marg New Delhi - 110 002 Delhi	74.33	36
3417	One platform - multiple biomarker detection of Rheumatoid Arthritis	DST-IMRC	Goswami,R., Mr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	61.70	36
3418	A biomimetic scaffold-based approach for ligament tissue engineering	DST-SERB-CRG	Katti,D.S., Dr. (M) Indian Institute of Technology (Kanpur) Department of Biological Science & Bioengineering Kanpur - 208 016 Uttar Pradesh	43.92	36
3419	A combinatorial study & evaluation of role of therapeutic agents/inhibitors on JAK/STAT pathway	DST-SERB-CRG	Afroze,D., Dr. (F) Sher-I-Kashmir Institute of Medical Sciences Soura Srinagar - 190 011 Jammu & Kashmir	30.09	36
3420	A comparative in-vitro evaluation of anti-bilious fruits of folklore fame in ameliorating obesity associated inflammation & Insulin resistance	DST-SERB-CRG	Shetty,P., Dr. (F) Sri Dharmasthala Manjunatheswara College of Ayurveda & Hospitals Centre for Research in Allied Sciences Udupi - 574 118 Karnataka	3.65	36
3421	A novel strategy for enhancing the efficacy of Platelet Rich Plasma (PRP) in Diabetic wound care	DST-SERB-CRG	Rekha,P.D., Dr. (F) Yenepoya University Yenepoya Research Centre, Deralakatte Mangalore - 575 018 Karnataka	42.05	36
3422	A proteomic investigation to outline the mechanism associated to non response to Corticosteroids therapy in patients with Severe Alcoholic Hepatitis	DST-SERB-CRG	Maras,J.S., Dr. (M) Institute of Liver & Biliary Sciences D-!, Vasant Kunj New Delhi - 110 070 Delhi	58.39	36
3423	A study of macrophage apoptosis & mitochondrial integrity in response to PE/PE_PGRS family proteins of Mycobacterium Tuberculosis	DST-SERB-CRG	Sharma,M., Dr. (F) Miranda House Patel Chest Marg Delhi - 110 007 Delhi	68.38	36
3424	A study to investigate endothelial dysfunction as preclinical marker for Osteoporosis	DST-SERB-CRG	Singh,P., Dr. (M) Punjabi University Patiala - 147 002 Punjab	41.87	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3425	An integrated approach for phenotype based identification & target validation of antifungal compounds active against Aspergillus fumigastus	DST-SERB-CRG	Vijayaraghavan,P., Dr. (F) Amity University Amit Intitute of Biotechnology, JD Block, Sector 125 Noida - 201 313 Uttar Pradesh	42.52	36
3426	An integrated approach to decipher the molecular mechanism of pesticide-induced Parkinsonism	DST-SERB-CRG	Singh,M.P., Dr. (M) Principal Scientist CSIR-Indian Institute of Toxicology Research Toxicogenomics & Predictive Toxicology Laboratory, Systems Toxicology & Health Risk Assessment Group, 31, Vishvigyan Bhawan, Mahatma Gandhi Marg, P.O. Box 80 Lucknow - 226 001 Uttar Pradesh	61.81	36
3427	Animal challenge study of novel Shigella vaccine antigens common to multiple serotypes	DST-SERB-CRG	Taneja,N., Dr. (F) P.G. Institute of Medical Education & Research Chandigarh - 160 012 Chandigarh	29.78	36
3428	Anti-complement Factor H (FH) associated Hemolytic Uremic Syndrome (HUS) in children: Immunological & genetic basis & functional characterization of autoantibodies	DST-SERB-CRG	Sinha,A., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	68.21	36
3429	Assessing the role of microRNAs in clinical severity of Thalassemia patients & in hydroxyurea mediated HbF induction	DST-SERB-CRG	Nadkarni,A., Dr. (F) ICMR-National Institute of Immunohaematology 13th Floor, KEM Hospital Campus, Parel Mumbai - 400 012 Maharashtra	51.88	36
3430	Assessment of pesticide exposure & metabolic gene variations in patients with Non Hodgkin's Lymphoma	DST-SERB-CRG	Digumarti,R., Dr. (M) Homi Bhabha Cancer Hospital & Research Centre Tata Memorial Centre, Aganampudi Village, NH 16 Visakhapatnam - 530 053 Andhra Pradesh	67.53	36
3431	C11orf95-RELA fusions in supratentorial ependymomas: Relevance in prognostication	DST-SERB-CRG	Chacko,G., Dr. (F) Christian Medical College & Hospital Vellore - 632 004 Tamil Nadu	73.01	36
3432	Characterization & functional evaluation of trabecular meshwork stem cells in Glaucoma pathogenesis	DST-SERB-CRG	Chidambaranathan,G., Dr. (F) Aravind Medical Research Foundation Anna Nagar Madurai - 625 020 Tamil Nadu	47.73	36
3433	Characterization of intratype genomic variants of human Palillomavirus Type 16: By cervical intraepithelial neoplastic status with functional & evolutionary analysis	DST-SERB-CRG	Mane,A.K., Dr. (F) ICMR-National Aids Research Institute Pune - 411 026 Maharashtra	37.03	30
3434	Characterization of the genetic etiological spectrum & identification of novel genetic etiologies for non immune fetal hydrops	DST-SERB-CRG	Ranganath,P., Dr. (F) Nizam's Institute of Medical Sciences Hyderabad - 500 082 Telangana	55.73	36
3435	Corneal infection by Pythium insidiosum: Investigation into immune response in animal model, evaluation of antibacterial antibiotics in animal model & randomized double masked controlled trial of the chosen drug(s) in patients	DST-SERB-CRG	Sharma,S., Dr. (F) L.V. Prasad Eye Institute Road No. 2, Banjara Hills Hyderabad - 500 034 Telangana	38.79	36
3436	Correlation of collagent type I alpha 1, Osteocalcin, Interleukin-1 & 6 gene polymorphism with peri-dental implant crestal bone loss in Indian ethnicity	DST-SERB-CRG	Agrawal,K.K., Dr. (M) Assistant Professor King George's Medical University Lucknow - 226 003 Uttar Pradesh	52.79	36
3437	DCMP: Database of cancer mutant protein domains	DST-SERB-CRG	Isaac,A.E., Dr. (M) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	16.80	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3438	Delineating the regulaiton of multi drug resisant efflux pumps over expressed in clinical mycobacteria	DST-SERB-CRG	Singh,A.K., Dr. (M) CSIR-North East Institute of Science & Technology Division of Biotechnology Science & Technology, Biotechnology Group Jorhat - 785 006 Assam	44.60	36
3439	Design & synthesis of substrate based peptide inhibitors of DENV protease for the treatment of Dengue viral infections	DST-SERB-CRG	Sinha,B.N., Dr. (M) Birla Institute of Technology (Mesra) Department of Pharmaceutical Sciences & Technology Ranchi - 835 215 Jharkhand	45.60	36
3440	Design of bromodomain inhibitors for its anticancer activity	DST-SERB-CRG	Giles,D., Dr. (M) Acharya & B.M. Reddy College of Pharmacy Acharya Dr. S.K. Road, Post Achit Nagar Bengaluru - 560 090 Karnataka	41.32	36
3441	Design, synthesis & biological evaluation of HDAC3 selective inhibitors a long term memory enhancers	DST-SERB-CRG	Ghosh,B., Dr. (M) Birla Institute of Technology & Science (Pilani) Hyderabad - 500 078 Telangana	29.88	36
3442	Design, synthesis & biological evaluation of some novel tubulin inhibitors as antiproliferative agents	DST-SERB-CRG	Chaudhary,A., Dr. (M) Meerut Institute of Engineering & Technology Meerut - 250 005 Uttar Pradesh	23.43	36
3443	Detection & characterization of resistance to NS5A inhibitors in Hepatitis C infected patients using pyrosequencing & in silico analysis	DST-SERB-CRG	Singh,M.P., Dr. (F) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	49.10	36
3444	Detection & longitudinal monitoring of T790M mutant population among Epidermal Growth Factor Receptor (EGFR) mutant Non-Small Cell Lung Cancers (NSCLCs) treated with Ist generation TKIs: Ultrasensitive detection by droplet digital PCR	DST-SERB-CRG	Chacko,R.T., Dr. (M) Christian Medical College Department of Medical Oncology, IDA Scudder Road Vellore - 632 004 Tamil Nadu	63.73	36
3445	Development of molecular tools for detection of asymptomatic Malaria	DST-SERB-CRG	Das,R., Dr. (M) ICMR-National Institute of Malaria Research Sector 8, Dwarka New Delhi - 110 077 Delhi	29.00	36
3446	Development of next generation BRAF protein kinase inhibitors: Rational design, green synthesis & biological evaluation on B-Raf inhibition & signaling in melanoma	DST-SERB-CRG	Amanchy,R., Dr. (M) CSIR-Indian Institute of Chemical Technology Division of Pharmacology & Toxicology, Uppal Road, Tarnaka Hyderabad - 500 007 Telangana	64.06	36
3447	Development of pH-responsive smart capsule containing targeted multilayer film for drug delivery: The proof-of-concept study in Colorectal cancer model	DST-SERB-CRG	Venuganti,V.V.K., Dr. (M) Birla Institute of Technology & Science (Pilani) Department of Pharmacy Hyderabad - 500 078 Telangana	55.54	36
3448	Development of recombinase polymerase amplification based point of care molecular diagnostic assays for detection of respiratory viral & Vector borne viral diseases	DST-SERB-CRG	Choudhary,M.L., Dr. (M) National Institute of Virology Pune - 411 001 Maharashtra	19.49	36
3449	Development of small molecular inhibitor specifically targeting mTORC2 for Cancer therapeutics: Development of targeted anti-cancer strategy	DST-SERB-CRG	Bhadauria,S., Dr. (F) CSIR-Central Drug Research Institute Division of Toxicology, Sector 10, Sitapur Road, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	40.83	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3450	Discovery of pyrimidines & intermediates as a Human Epidermal growth factor Receptor (HER-2) & Apurinic/Apyrimidinic Endonuclease-1 (APE-1) inhibitors for Breast cancer therapy: An synthetic approach	DST-SERB-CRG	Swamy,G.B., Dr. (M) Acharya Institute of Technology Acharya & B.M. Reddy College of Pharmacy, Soladevaahalli Bengaluru - 560 107 Karnataka	31.01	36
3451	Dissecting the contribution & interplay of MSI & CIMP in Colorectal cancer in India	DST-SERB-CRG	Bashyam,M.D., Dr. (M) Centre for DNA Fingerprinting & Diagnostics Tulkaguda Complex, Nampally Hyderabad - 500 001 Telangana	75.62	36
3452	Efficacy of umbilical cord derived mesenchymal stem cells under Ischemia - like physiological stress conditions	DST-SERB-CRG	Malancha,T.A., Dr. (F) Indian Institute of Science Education & Research (Kolkata) Nadia - 741 246 West Bengal	44.88	36
3453	Elucidating the molecular basis & functional relevance of hypoxia-mediated aberrant methylation in glioma cells	DST-SERB-CRG	Srivastava,T., Dr. (F) Delhi University Departent of Genetics, Benito Juarez Marg New Delhi - 110 021 Delhi	74.40	36
3454	Enriched physical activity in conjucation with fucoidan from fucus vesiculosis on neuro angiogenic factors mediated cognitive restoration in vascular dementia model of rat	DST-SERB-CRG	Radhakrishnan,R., Dr. (M) Madras University Chennai - 600 005 Tamil Nadu	42.44	36
3455	Epigenetic alteration & copy number variation in the genome of relapse acute Lymphoblastic Leukemia	DST-SERB-CRG	Bhatia,P., Dr. (M) Assistant Professor P.G. Institute of Medical Education & Research Department of Pediatrics, Sector 12 Chandigarh - 160 012 Chandigarh	31.51	36
3456	Evaluation of mechanism & role of ubiquitination in clearance of streptococcus pneumoniae during transit through blood brain barrier	DST-SERB-CRG	Banerjee,A., Dr. (M) Indian Institute of Technology (Bombay) Department of Biosciences & Bioengineering , Powai Mumbai - 400 076 Maharashtra	55.70	36
3457	Evaluation of neuroprotective effects of AMPK & SIRT1 modulation in experimental Diabetic neuropathy using pharmacological approaches	DST-SERB-CRG	Kumar,A., Dr. (M) National Institute of Pharmaceutical Education & Research 40, Dilip Road, Balanagar Hyderabad - 500 037 Telangana	44.10	36
3458	Evaluation of therapeutic potential of Toluquinol in HER2 mediated Alveolar membrane disruption	DST-SERB-CRG	Vasu,V.T., Dr. (M) M.S. University of Baroda Vadodara - 390 002 Gujarat	49.21	36
3459	Exosomal CD 151 web proteins as an early non-invasive diagnostic markers for triple negative breast cancer	DST-SERB-CRG	Malla,R., Dr. (M) GITAM University Visakhapatnam - 530 045 Andhra Pradesh	27.72	36
3460	Experimental investigation of central & peripheral administration of different drugs on neuropathic plain induced by chronic constriction injury of the sciatic nerve & oxidative stress parameters in rats	DST-SERB-CRG	Tripathi,C.D., Dr. (M) Vardhman Mahavir Medical College & Safdarjung Hospital Department of Pharmacology New Delhi - 110 029 Delhi	40.53	36
3461	Exploring the potential of naturally derived coumarins as potential agents in modeling experimentally induced fibromyalgia	DST-SERB-CRG	Bhatti,R., Dr. (F) Guru Nanak Dev University Department of Pharaceutical Sciences Amritsar - 143 005 Punjab	30.69	36
3462	Exploring therapeutic efficacy of novel toll like receptor 9 antagonist in Type II Diabetes	DST-SERB-CRG	Ganguly,D., Dr. (M) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	48.08	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3463	Formulation of tobacco stem bioactive compound loaded nanoparticle for wound healing	DST-SERB-CRG	Bala,K., Dr. (F) Amity University J 3 Block, Sector 125 Noida - 201 303 Uttar Pradesh	33.86	36
3464	Functional study of voltage-gated calcium channel gene mutations in Schizophrenia using induced Pluripotent Stem Cells (iPSCs): A new approach for developing a cellular model	DST-SERB-CRG	Das,D.K., Dr. (M) ICMR-National Institute for Research in Reproductive Health Genetic Research Centre, Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	69.64	36
3465	Genetic profiling of carcinoma endometrium & prognostic significance of mutations in POLE gene	DST-SERB-CRG	Kuriakose,S., Dr. (M) Government Medical College Kozhikode - 673 008 Kerala	26.40	36
3466	Genetic studies of foetuses with malformations for identification of non chromosomal syndromes & mendelian disordrs	DST-SERB-CRG	Aggarwal,S., Dr. (F) Nizam's Institute of Medical Sciences Hyderabad - 500 082 Telangana	58.56	36
3467	Gold capsuled combination nanomedicine for target specific therapy of Chemoresistant Breast tumors	DST-SERB-CRG	Shanavas,A., Dr. (M) Institute of Nano Science & Technology Habitat Centre, Sector 64, Phase 10 Mohali - 160 047 Punjab	38.27	36
3468	Granulocyte colony stimulating factor plus N-acetyl cysteine in severe Alcoholic Hapatitis	DST-SERB-CRG	Singh,V., Dr. (M) P.G. Institute of Medical Education & Research Sector 12 Chandigarh - 160 012 Chandigarh	42.75	36
3469	Identification & molecular characterization of the CgHogl interactome: Impact on iron homeostasis & candida pathogenesis	DST-SERB-CRG	Kaur,R., Dr. (F) Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 001 Telangana	83.15	36
3470	Identification of Calcium activated Potassium channels & understanding their role in viability & infectivity of Leishmania Donovani	DST-SERB-CRG	Singh,S., Dr. (F) National Institute of Pharmaceutical Education & Research Department of Biotechnology, Sector 67, S.A.S. Nagar Mohali - 160 062 Punjab	47.64	36
3471	Identification of genetic mutations & risk factors associated with the conferring of Extensive Drugs Resistance (XDR) in Indian isolates of Mycobacterium Tuberculosis	DST-SERB-CRG	Singh,A.V., Dr. (M) ICMR-National Jalma Institute for Leprosy & other Mycobacterial Diseases Dr. M. Myazaki Marg, Tajganj Agra - 282 001 Uttar Pradesh	15.76	36
3472	Identification, characterization & validation of neutralizing Monoclonal Antibodies (MABs) against Hepatitis E virus	DST-SERB-CRG	Tripathy,A., Dr. (F) National Institute of Virology Pune - 411 001 Maharashtra	43.03	36
3473	Immunophenotypic profile of tumour infiltrating cells of the immune system & expression of PDL1 in triple negative/Her-2 neu positive Breast cancer patients & their correlation with response to neoadjuvant chemotherapy	DST-SERB-CRG	Mathur,S.R., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	28.74	36
3474	Impact of maternal Diabetes on pre-implantation embryo development: Non-invasive approach to assess embryo quality using oxygen consumption	DST-SERB-CRG	Raval,K., Dr. (M) National Institute of Technology (Karnataka) Department of Chemical Engineering, Surathkal Mangalore - 575 025 Karnataka	50.21	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3475	Investigate the role of Distal-Less Homebox-I (DLX1) in transdifferentiation of Prostate cancer cells & neoplastic progression	DST-SERB-CRG	Ateeq,B., Dr. (F) Indian Institute of Technology (Kanpur) Department of Biological Sciences & Bioengineering, Molecular Oncology Lab. Kanpur - 208 016 Uttar Pradesh	69.26	36
3476	Investigating PAF-induced transformation in 3D breast acini	DST-SERB-CRG	Lahiri,M., Dr. (F) Indian Institute of Science Education & Research (Pune) Dr. Homi Bhabha Road, Pashan Pune - 411 008 Maharashtra	52.06	36
3477	Investigation into the role of Melanocytes in skin wound healing	DST-SERB-CRG	Gokhale,R.S., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	67.24	36
3478	Investigations of the antimitotic property of Sulfamethoxazole (SMX) group of drugs: Mechanistic actions & relevance as a lead anticancer compound	DST-SERB-CRG	Gupta,S., Dr. (F) Haldia Institute of Technology Department of Biotechnology Haldia - 721 657 West Bengal	36.09	36
3479	Mechanistic evaluation & in vivo validation of the anticancer potential of Uttroside B against hepatocellular carcinoma	DST-SERB-CRG	Anto,R.J., Dr. (F) Scientist F Rajiv Gandhi Centre for Biotechnology Division of Cancer Research Thiruvananthapuram - 695 014 Kerala	51.95	36
3480	Molecular & genetic characterization & genotype-phenotype correlations of children suffering from primary immune deficiency disorders in a tertiary care centre in south India	DST-SERB-CRG	Govindaraj,G.M., Dr. (F) Government Medical College Kozhikode - 673 008 Kerala	49.01	36
3481	Molecular basis of estrogenism in endometriosis	DST-SERB-CRG	Ghosh,D., Dr. (M) All India Institute of Medical Sciences Department of Physiology, Ansari Nagar New Delhi - 110 029 Delhi	46.16	36
3482	Molecular regulation of Lysyl oxidase & matrix metalloproteinase 9 for the management of corneal ectatic disease Keratoconus	DST-SERB-CRG	Ghosh,A., Dr. (F) Narayana Nethralaya Foundation Narayana Nethralaya Eye Hospital, Grow Research Laboratory, Hosur Road Bengaluru - 560 010 Karnataka	41.23	36
3483	Molecular, clinicoradiologic & pathological characterization of Oligodendrogliomas with CIC & FUBPI mutations	DST-SERB-CRG	Narasimhaiah,D.A., Dr. (F) Sree Chitra Tirunal Institute for Medical Sciences & Technology Thiruvananthapuram - 695 011 Kerala	47.18	36
3484	Nanosensors for detection of food adulterants & contaminants	DST-SERB-CRG	Kumar,A., Dr. (M) Ahmedabad University Division of Biological & Life Sciences, School of Arts & Sciences, University Road, Navrangpura Ahmedabad - 380 009 Gujarat	39.83	36
3485	Neuro-anatomical strabismus in Indian eyes: A high-resolution orbital magnetic resonance imaging study	DST-SERB-CRG	Chaudhuri,Z., Dr. (F) Dr. Ram Manohar Lohia Hospital Bab Kharak Singh Road, Connaught Place New Delhi - 110 001 Delhi	73.26	36
3486	Novel strategies for improving the anticancer efficacy of therapeutic nucleic acids against breast cancer stem cells: Implication of targeted/combinatorial drug regimens	DST-SERB-CRG	Jain,V., Dr. (M) J.S.S. College of Pharmacy Mysore - 570 015 Karnataka	55.23	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3487	Pharmacogenetic determinants of 6-mercaptopurine toxicity & relapse in children with acute Lymphoblastic Leukemia	DST-SERB-CRG	Dorababu,P., Dr. (M) Apollo Institute of Medical Sciences & Research Hyderabad - 500 096 Telangana	54.21	36
3488	Phyto-chemical characterization of polyphenols in ocimum tenuiflorum & investigation on its protective potentials against oxidative stress & DNA damage	DST-SERB-CRG	Sarkar,B., Dr. (M) Birla Institute of Technology (Mesra) Mesra Ranchi - 835 215 Jharkhand	34.23	36
3489	Plasmodium SCOTI mutant as experimental Malaria vaccine: Implications for inducing pre-erythrocytic & cross-stage immunity	DST-SERB-CRG	Mishra,S., Dr. (M) CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension Lucknow - 226 031 Uttar Pradesh	67.89	36
3490	Prediction of genes & their functional partners responsible for imparting antibiotic resistance in Enterobacteriaceae - An extensive study	DST-SERB-CRG	Talukdar,A.D., Dr. (M) Assam University Department of Life Science & Bioinformatics Silchar - 788 011 Assam	10.95	36
3491	Production of bio-cellulose membranes under the purview of development & application of topical antibiotic based transdermal pathches	DST-SERB-CRG	Saran,S., Dr. (M) CSIR-Indian Institute of Integrative Medicine Post Bag No. 3, Canal Road Jammu - 180 001 Jammu & Kashmir	45.35	27
3492	Pro-neurotrophin/p75NTR signaling contributes to increased apoptosis in pretern placenatae	DST-SERB-CRG	Gautam,P., Dr. (F) Savitribai Phule Pune University Ganeshkhind Road Pune - 411 007 Maharashtra	40.48	36
3493	Purification & characterization of compounds from streptomyces chrestomyceticus strain ADP4 with activities against pathogenic Candida spp. & their biofilms	DST-SERB-CRG	Dubey,A.K., Dr. (M) Netaji Subhas Institute of Technology Division of Biological Sciences & Engineering, Sector 3, Dwarka New Delhi - 110 078 Delhi	44.86	36
3494	Radiation dose optimization in Diffuse large B-cell Lymphoma (DOBL) - A randomized Phase III non-inferiority trial	DST-SERB-CRG	Goda,J.S., Dr. (M) Tata Memorial Centre Radiation Oncology, Tata Memorial Hospital, Parel Mumbai - 400 012 Maharashtra	49.93	36
3495	Regulation of clustered miRNAs & their biological function in carcinoma of human uterine cervix	DST-SERB-CRG	Kabekkodu,S.P., Dr. (M) Manipal University Department of Cell & Molecular Biology, School of Life Sciences Manipal - 576 104 Karnataka	46.28	36
3496	Ribosome heterogeneity based on rRNA methylation during neuronal differentiation & its impact on translation	DST-SERB-CRG	Muddashetty,R., Dr. (M) Institute of Stem Cell Biology & Regenerative Medicine GKVK Campus, Bellary Road Bengaluru - 560 065 Karnataka	54.17	36
3497	Role of Brain Derived Neurotrophic Factor (BDNF) as a potential biomarker in seizure realted cardiac abnormalities	DST-SERB-CRG	Katyal,J.P., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	22.03	24
3498	Role of DNA replication proteins in preserving centrosomal integrity & preventing genomic instability & carcinogenesis	DST-SERB-CRG	Saxena,S., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	62.72	36
3499	Role of Estrogen-Related Receptor Alpha (ERRAlpha) in epithelial-mesenchymal transition & metastasis of Breast cancer	DST-SERB-CRG	Elangovan,S., Dr. (M) Kalinga Institute of Industrial Technology University School of Biotechnology, Campus 11 Bhubaneswar - 751 024 Odisha	50.18	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3500	Role of Ets-1 & Th1 mediated biomarkers in the pathogenesis & assessment of response to treatment in patents with sarcoidosis	DST-SERB-CRG	Guleria,R., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	61.51	36
3501	Role of Hepatitis B "e" antigen in the pathogenesis of HBV elated hepatocellular carcinoma	DST-SERB-CRG	Perumal,V., Dr. (M) Indian Institute of Technology (Delhi) Kusuma School of Biological Sciences, Hauz Khas New Delhi - 110 016 Delhi	50.60	36
3502	Role of miRNA mediated modulation of signal transduction in Pancreatic cancer	DST-SERB-CRG	Saraya,A., Dr. (M) All India Institute of Medical Sciences Department of Gastroenterology, Ansari Nagar New Delhi - 110 029 Delhi	58.93	36
3503	Role of mitochondrial heterogeneity in the progression & prognosis of Acute Myeloid Leukemia (AML)	DST-SERB-CRG	Bakshi,S., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	50.70	36
3504	Role of negative co-stimulator molecule V-set domain-containing T-Cell activation Inhibitor-I (VTCNI) in vitiligo pathogenesis	DST-SERB-CRG	Begum,R., Dr. (F) M.S. University of Baroda Department of Biochemistry, Faculty of Science Vadodara - 390 002 Gujarat	37.64	36
3505	Role of Nuclear Factor E2 related 2 (NRF2) in ammonia induced astrocyte dysfunctions: Implications in Brain Edemaas in acute liver failure	DST-SERB-CRG	Reddy,P.V., Dr. (M) Assam University Diphu Campus, Karbi Anglong Diphu - 782 482 Assam	47.95	36
3506	Role of Rv 1694 (TlyA) in Mycobacterium Tuberculosis survival & immune evasion - A prospective drug target	DST-SERB-CRG	Das,G., Dr. (M) Jawaharlal Nehru University Special Centre for Molecular Medicine, Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	48.40	36
3507	Role of Sphingosine-I-Phosphate signaling in oral carcinogenesis	DST-SERB-CRG	Kumar,A., Dr. (M) All India Institute of Medical Sciences Department of Biochemistry, Saket Nagar, Habib Ganj Bhopal - 460 020 Madhya Pradesh	49.75	36
3508	Role of sterile inflammation in accelerated skin carcinogenesis induced by in utero arsenic exposure	DST-SERB-CRG	Srivastava,V., Dr. (M) CSIR-Indian Institute of Toxicology Research 31, Vishvigyan Bhawan, M.G. Marg, P.O. Box No.80 Lucknow - 226 001 Uttar Pradesh	52.43	36
3509	Role of TGF-Beta & stromal fibroblasts in the progression of breast cancers	DST-SERB-CRG	Kondaiah,P., Dr. (M) Indian Institute of Science Department of Molecular Reproduction, Development & Genetics Bengaluru - 560 012 Karnataka	75.63	36
3510	Screening for High risk human Papiloma Virus (HPV) genotypes by real time PCR inwomen with premaligment & malignant cervical pathology: A hospital based study for Raipur, Chhattisgarh	DST-SERB-CRG	Negi,S.S., Dr. (M) All India Institute of Medical Sciences Raipur - 492 099 Chhattisgarh	8.91	24
3511	Studies on role of miR-29 family in neurodegeration induced by adolescence neurotoxicants exposure & neural aging	DST-SERB-CRG	Yadav,S., Dr. (M) CSIR-Indian Institute of Toxicology Research 31, Vishvigyan Bhawan, Mahatma Gandhi Marg, P.O. Box No. 80 Lucknow - 226 001 Uttar Pradesh	51.90	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3512	Studies on the role of host oxidative responses in mediating milterfosine unresponsiveness in visceral Leishmaniasis	DST-SERB-CRG	Das,S., Dr. (F) All India Institute of Medical Sciences Patna - 801 505 Bihar	33.66	36
3513	Study of streptomyces sp derived ASK2 molecule to combat catheter related Klebsiella Pneumoniae blood stream infections: An integrated approach of antibiofilm & immunomodulation	DST-SERB-CRG	Ramakrishnan,J., Dr. (F) SASTRA University Thanjavur - 613 401 Tamil Nadu	33.73	36
3514	Study on effect of Dopamine/Dopamine D2 agonist treatment with IGF-1 to regulate angiogenesis & normalize blood vessels in Diabetic retinopathy	DST-SERB-CRG	Ghosh,M.P., Dr. (F) Amity University Secor 12 Noida - 201 313 Uttar Pradesh	47.20	36
3515	Targeted Next Generation Sequencing (NGS) for evaluating P 13/AKT/mTOR pathway as a potential therapeutic target for triple negative breast cancer	DST-SERB-CRG	Bal,A., Dr. (M) P.G. Institute of Medical Education & Research Department of Histopathology, Sector 12 Chandigarh - 160 012 Chandigarh	63.33	36
3516	Targeting telomerase transcriptionally & post-transcriptionally using small molecules & anti-telomerase peptides: Potential double blow to agggressive drug resistant cancers	DST-SERB-CRG	Chowdhury,S., Dr. (M) CSIR-Institute of Genomics & Integrative Biology Pocket B, Sukhdev Vihar, Okhla New Delhi - 110 025 Delhi	83.64	36
3517	The modulation of Insulin resistance & HDL quality by adipose tissue ABCA1 & metabolic status	DST-SERB-CRG	Singh,A., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	40.17	36
3518	Therapeutic potential of Nrf2 activators of endoplasmic reticulum stress-induced endothelial dysfunction in Diabetes	DST-SERB-CRG	Ramkumar,K.M., Dr. (M) S.R.M. University S.R.M. Nagar Kattankulathur - 603 203 Tamil Nadu	50.54	36
3519	To analyze gene copy number variations on derivative chromosome 9 & its implications in clinical response to Imatinib in Chronic Myeloid Leukemia	DST-SERB-CRG	Ross,C.R., Dr. (M) St. John's Medical College & Hospital Koramangala Bengaluru - 560 034 Karnataka	62.16	36
3520	To investigate the therapeutic potential of endocannabinoid system ligands in Murine model of Metabolic syndrome	DST-SERB-CRG	Goyal,S.N., Dr. (M) R.C. Patel Institute of Pharmaceutical Education & Research Department of Pharmacology, Near Karwad Naka, District Shirpur Dhule - 425 405 Maharashtra	34.97	36
3521	To study the infleunce of CYP2C19 polymorphism on bortezomib blood concentration & clinical response in Myeloma patients	DST-SERB-CRG	Gupta,P., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	25.31	36
3522	To study the role of Gpr40 & PPARy signaling induced by Docosahexaeonic acid in alleviating heavy metal(s) medicated astrocyte damage in the developing brain	DST-SERB-CRG	Bandopadhyay,S., Dr. (F) CSIR-Indian Institute of Toxicology Research 31, Vishvigyan Bhawan, Mahatma Gandhi Marg, P.O. Box 80 Lucknow - 226 001 Uttar Pradesh	30.67	36
3523	To understand the role of innate inflammatory mechanisms of macrophages in intestinal Tuberculosis & Crohn's disease	DST-SERB-CRG	Kumar,D., Dr. (M) International Centre for Genetic Engineering & Biotechnology Cellular Immunology Group, al Centre for Genetic Engineering & Biotechnology, Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	82.16	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3524	Trackling Lung cancer drug resistance in India: An integrated drug repurposing strategies	DST-SERB-CRG	Shanthi,V., Dr. (F) Associate Professor Vellore Institute of Technology University School of Biosciences & Technology, Katpadi Chennai - 600 127 Tamil Nadu	16.17	36
3525	Transcriptome analysis of deltamethrin-resistant anopheles stephensi & anopheles culicifacies	DST-SERB-CRG	Singh,O.P., Dr. (M) ICMR-National Institute of Malaria Research Sector 8, Dwarka New Delhi - 110 077 Delhi	85.54	36
3526	Transgenerational studies on parental dietary Vitamin B 12 restriction with different levels of folate on placental epigenetics & fetal development	DST-SERB-CRG	Kaur,J., Dr. (F) P.G. Institute of Medical Education & Research Department of Biochemistry, Sector 12 Chandigarh - 160 012 Chandigarh	60.98	36
3527	Understanding the cellular targets involved in bioactive peptides mediated protection of prediabetes/diabetes associated cardiomyopathy	DST-SERB-CRG	Priyadarshini,P.C.G., Dr. (F) Scientist CSIR-Central Food Technological Research Institute Department of Molecular Nutrition Mysore - 570 020 Karnataka	46.73	36
3528	Understanding the role of hippocampal histaminergic transmission in ethanol withdrawal induced behavioral depression associated with alcoholism	DST-SERB-CRG	Jain,N.S., Dr. (M) Guru Ghasidas University S.I.T. Institute of Pharmaceutical Sciences, Koni Bilaspur - 495 009 Chhattisgarh	40.10	36
3529	Understanding the role of hypoxia induced mitophagy in cancer cell survival & drug resistance: Implications on tumor stem cell like cells	DST-SERB-CRG	Santhoskumar,T.R., Dr. (M) Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram - 695 014 Kerala	52.96	36
3530	Unravelling the functional relevance of snail paralogs in the pathogenesis of pediatric ependyomas	DST-SERB-CRG	Sharma,M.C., Dr. (M) All India Institute of Medical Sciences Department of Pathology, Teaching Block, Ansari Nagar New Delhi - 110 029 Delhi	46.71	36
3531	A high performance nanodelivery system for Inflammatory Bowel Disease (IBD) therapy	DST-SERB-ECRA	Karmakar,S., Dr. (M) Institute of Nano Science & Technology Mohali - 160 047 Punjab	51.55	36
3532	Aptamer targeted dendronized polymericn nanoparticles to deliver anti miRNA for treatment of triple negative Breast cancer	DST-SERB-ECRA	Tekade,R.K., Dr. (M) National Institute of Pharmaceutical Education & Research Ahmedabad - 382 355 Gujarat	37.11	36
3533	Assessment and comparison of bone marker levels and bone density in PCOS subjects with or without chronic periodontitis before and after non surgical periodontal	DST-SERB-ECRA	Zia,A., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	23.79	36
3534	Design and evaluation of novel structural analogs of nantural products as selective modulator of PPAR pathway for Lung cancer therapy design synthesis and evaluation of novel structural analogs of natural products as a selective modulator of PPAR ..	DST-SERB-ECRA	Basu,S., Dr. (F) Dr. D.Y. Patil University Kolhapur - 416 006 Maharashtra	48.36	36
3535	Development of a crystallin mini chaperone peptides as therapeutic molecules for Diabetic ocular diseases	DST-SERB-ECRA	Vadde,S.R., Dr. (M) ICMR-National Institute of Nutrition Hyderabad - 500 007 Telangana	48.61	36
3536	Generation of a genetically-stable live vaccine candidate against Infectious Bursal Disease Virus (IBDV) through mutagen driven lethal mutagenesis	DST-SERB-ECRA	Shabir,N., Dr. (M) Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir) Srinagar - 190 025 Jammu & Kashmir	45.24	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3537	Genome wide single nucleotide polymorphism analysis of pharmacogenomic varints in drug reistant Epilepsy population	DST-SERB-ECRA	Valmiki,R.R., Dr. (M) Christian Medical College Vellore - 632 004 Tamil Nadu	41.03	36
3538	Investigating conformational dynamics of N glycans and the effect of glycosylation on the structure and dynamics of Hepatitis C virus glycoproteins via molecular dynamics simulations	DST-SERB-ECRA	Kar,P., Dr. (M) Indian Institute of Technology (Indore) Indore - 452 011 Madhya Pradesh	47.50	36
3539	Isolation and genotypic characterization of the infectious Bronchitis Virus isolates from Kerala, India	DST-SERB-ECRA	Sankar,S., Dr. (M) College of Veterinary & Animal Sciences Thrissur - 680 651 Kerala	35.52	36
3540	Nuclear architecture as an epigenetic regulator in pericentromeric localized cancer testis germline antigen POTE expression in Ovarian cancer	DST-SERB-ECRA	Kumar,A., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	55.00	36
3541	PPAR A and D gene polymorphisms among south Indian patients with Diabetic dyslipidemia	DST-SERB-ECRA	Kamalanathan,S., Dr. (M) Jawaharlal Institute of P.G. Medical Education & Research Puducherry - 605 006 Puducherry	30.70	36
3542	Role of sigma 1 receptor in chronic Kidney disease	DST-SERB-ECRA	Madhu,C.L., Dr. (F) ICAR-Indian Veterinary Research Institute Bareilly - 243 122 Uttar Pradesh	33.88	36
3543	Screening of novel marker chromosome gene expression and mitochondrial DNA copy number variation in Autism Spectrum Disorder (ASD) individuals in Tamil Nadu population	DST-SERB-ECRA	Balachandran,V., Dr. (M) Bharathiar University Coimbatore - 641 046 Tamil Nadu	31.44	36
3544	Spatial ablation of Breast cancer cells using targetable graphene based nanovectors	DST-SERB-ECRA	Tiwari,S., Dr. (M) Uka Tarsadia University Surat - 394 350 Gujarat	31.80	36
3545	Study of monocarboxylate transporters as potential targets to erxploit Hypoxia in cancer: Design, synthesis and evaluation of MCT1 and MCT4 inhibitors	DST-SERB-ECRA	Juvale,K., Dr. (M) SVKM's Narsee Monjee Institute of Management Studies Mumbai - 400 056 Maharashtra	47.83	36
3546	Study to improve reproductive performance and to alleviate multigenerational Diabetic embryopathy using combination of C-phycocyanin from spirulina platensis and docosahexaenoic acid in Zebrafish model	DST-SERB-ECRA	Pankaj,P.P., Dr. (M) Nagaland University Zunheboto - 798 627 Nagaland	43.51	36
3547	Targeting aurora kinase in Colorectal cancer: Rational drug design and validation	DST-SERB-ECRA	Purohit,R., Dr. (F) CSIR-Institute of Himalayan Bioresource Technology Palampur - 176 061 Himachal Pradesh	47.65	36
3548	To study the role of Hyperglycemia on the progression of acute kidney injury	DST-SERB-ECRA	Gaikwad,A.B., Dr. (M) Birla Institute of Technology & Science (Pilani) Pilani - 333 031 Rajasthan	47.19	36
3549	Unravelling the molecular mechanism (s) underlying Hepatitis C virus morphogenesis and secretion	DST-SERB-ECRA	Syed,G.H., Dr. (M) Institute of Life Sciences Bhubaneswar - 750 023 Odisha	52.09	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3550	Assessment of oral health status & associated biosocial factors in tribal population: A multi centric community based study	DST-SERB-EMEQ	Chand,P., Prof. (M) Head King George's Medical University Department of Prosthodontics, Faculty of Dental Sciences, Shah Mina Road Chowk Lucknow - 226 003 Uttar Pradesh	31.96	36
3551	Assessment of virgin pomegrante seed oil & its encapsulated form on the management of obesity & associated inflammation: A molecular approach	DST-SERB-EMEQ	Saha,K.D., Dr. (F) CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mullic Road, Jadavpur Kolkata - 700 032 West Bengal	33.76	36
3552	Bioengineered 3D constructs for cartilage repair, osteochondral regeneration & high throughput drug screening towards osteoarthritis management	DST-SERB-EMEQ	Mandal,B.M., Dr. (M) Indian Institute of Technology (Guwahati) Department of Biosciences & Bioengineering Guwahati - 781 039 Assam	46.81	36
3553	Biosynchronous treatment of Hypertension by statistically designed press coated chronomudulated systems employing novel biocompatible polymers	DST-SERB-EMEQ	Arigela,B., Dr. (M) K.V.S.R. Siddhartha College of Pharmaceutical Sciences Vijayawada - 520 010 Andhra Pradesh	25.11	36
3554	Cytotoxic & tumor suppressor role of a novel fusion suicide gene bCDF186W-hPFN1 on Rheumatoid Arthritis	DST-SERB-EMEQ	Vellaichamy,K., Dr. (F) National Institute of Technology (Warangal) Department of Biotechnology Warangal - 506 004 Telangana	39.21	36
3555	Deciphering the molecular mechanism of ruthenium-oxicam anti-P-Glycoprotein loaded nanoparticles on multidrug resistance colitis associated inflammatory tumor microenvironment & colon cancer progression	DST-SERB-EMEQ	Roy,S., Dr. (M) NSHM Knowledge Campus Kolkata - 700 075 West Bengal	32.16	36
3556	Design & development of plant actives based nano lipoidal systems for wound healing	DST-SERB-EMEQ	Jangde,R.K., Dr. (M) Pt. Ravishankar Shukla University Raipur - 492 010 Chhattisgarh	6.60	36
3557	Design & synthesis of 2-Amido-4-Aminiquinazoline derivatives as small molecular EGFR Tyrosine kinase inhibitors for the management of Cancer therapy	DST-SERB-EMEQ	Chouhan,M., Dr. (M) Mohanlal Sukhadia University Department of Pharmaceutical Sciences Udaipur - 313 001 Rajasthan	35.51	36
3558	Design, synthesis, characterization & evaluation of anticancer activity of some new 1, 3, 4-oxadiazoles derivatives clubbed with isoindoline 1, 3-dione	DST-SERB-EMEQ	Singh,J., Dr. (M) Guru Ghasidas University Bilaspur - 495 009 Chhattisgarh	32.84	36
3559	Development of mucoadhesive based nanocomposite design of voriconazole loaded ocular insert for the treatment of ocular keratitis	DST-SERB-EMEQ	Pawar,P.K., Dr. (M) Gourishankar Institute of Pharmaceutical Education & Research Satara - 415 020 Maharashtra	42.99	36
3560	Development of surface - chaarge impregnated plasmonic gold nanoprobes for enhanced photodynamic therapy & mitochondrial dysfunction in human breast cancer cell line(s)	DST-SERB-EMEQ	Ponnuchamy,K., Dr. (M) Alagappa University Madurai - 630 004 Tamil Nadu	38.73	36
3561	Effect of selected pesticides on expression of human orthology neurodegenerative genes in Caenorhabditis elegans	DST-SERB-EMEQ	Gautam,P., Dr. (F) Dayalbagh Educational Institute Agra - 282 005 Uttar Pradesh	38.81	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3562	Enahncement & scale up the gingerol content in the zingiberofficinale using gamma radiation & validation of its anti-Diabetic potential	DST-SERB-EMEQ	Periyasamy,S., Dr. (M) Associate Professor Anna University Bharathidasan Institute of Technology Campus Tiruchirappalli - 620 024 Tamil Nadu	32.46	36
3563	Evaluating the therapeutic potential of Mucuna pruriens (Linn.) on male sexual dysfunction & sperm damage induced by hypercholesterolemia: An experimental study using rat as an animal model	DST-SERB-EMEQ	Seppan,P., Dr. (M) Madras University Chennai - 600 005 Tamil Nadu	49.86	36
3564	Genetic variants in Vitamin D signaling pathway & risk of gestational Diabetes in south Indian population	DST-SERB-EMEQ	Mathi,S.K., Dr. (F) Madras Diabetes Research Foundation. Chennai - 600 086 Tamil Nadu	41.76	36
3565	High glucose induced platelet apoptosis & aggregation: Mitigation by Berberine, a hypoglycemic agent	DST-SERB-EMEQ	Girish,K.S., Dr. (M) Tumkur University Tumkur - 572 130 Karnataka	52.86	36
3566	Modulation of T Effector Memory (TEM) vs T Central Memory (TCM) ration for the immunotheapy & vaccine strategy for Tuberculosis	DST-SERB-EMEQ	Das,G., Dr. (M) Jawaharlal Nehru University Special Centre for Molecular Medicine, Aruna Asaf Ali Road New Delhi - 110 067 Delhi	25.30	36
3567	Monitoring the pollution intensity of lakes of Comibatore, Tamil Nadu, India	DST-SERB-EMEQ	Muniyandi,M., Dr. (M) Bharathiar University Coimbatore - 641 046 Tamil Nadu	23.34	36
3568	Poly Cystic Ovarian Syndrome (PCOS): An investigation to find out reasons for discrepancy between hyperandrogenism (Clinical) & hyperandrogenemia (biochemical) & underlying etiologic (epigenetic & genetic) factors	DST-SERB-EMEQ	Halder,A., Prof. (M) Head All India Institute of Medical Sciences Department of Reproductive Biology, Ansari Nagar New Delhi - 110 029 Delhi	46.45	36
3569	Pregnancy outcomes in Indian women with endometriosis & biomarker correlation: A cohort study	DST-SERB-EMEQ	Gajbhiye,R.K., Dr. (M) ICMR-National Institute for Research in Reproductive Health Department of Clinical Research, Jehangir Merwanji Street, Parel Mumbai - 400 012 Maharashtra	25.92	36
3570	Quantification of Endocrine Disrupting Chemicals (EDCs) in various water bodies & clinical plasma from healthy, Prediabetic & Diabetic disorder subjects	DST-SERB-EMEQ	Bayatigeri,S., Dr. (F) CSIR-National Chemical Laboratory Division of C.M.C., Dr Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	26.31	36
3571	Rational design approach in synthesis & evaluation of novel molecules against non-small cell Lung Cancer	DST-SERB-EMEQ	Chabukswar,A.R., Dr. (M) Maharashtra Institute of Pharmacy Pune - 411 038 Maharashtra	31.60	36
3572	Red cell membrane molecular pathology in Hereditary Spherocytosis (HS) in India	DST-SERB-EMEQ	Kedar,P.S., Dr. (M) ICMR-National Institute of Immunohaematology Mumbai - 400 012 Maharashtra	39.05	36
3573	Role of hyperglycemia on macrophage effector function in pathophysiology of Pulmonary Tuberculosis	DST-SERB-EMEQ	Singh,A., Dr. (F) All India Institute of Medical Sciences Department of Biochemistry, Ansari Nagar New Delhi - 110 029 Delhi	41.31	36
3574	Soybean lectins & their antimycobacterial role by regulating autophagy	DST-SERB-EMEQ	Dhiman,R., Dr. (M) National Institute of Technology (Rourkela) Department of Life Science Rourkela - 769 006 Odisha	25.66	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3575	Survey of putative anthelmintic plants used in traditional medicine system in Bodo tribe of Bodoland territorial council & testing their efficacy in in-vitro systems	DST-SERB-EMEQ	Swargiary,A., Dr. (M) Bodoland University Kokrajhar - 783 370 Assam	21.35	36
3576	Technology development & recent advances in secondary metabolities extracted fron newer species of lichens occurring in Achanakmar-Amarkantak biosphere reserve in central India	DST-SERB-EMEQ	Kumar,A., Dr. (M) KIET Group of Institutions Ghaziabad - 201 206 Uttar Pradesh	17.26	36
3577	The role of inflammasome in snake bite envenomation: Possible therapeutic target in local tissue damage	DST-SERB-EMEQ	Rajaiah,R., Dr. (M) Mysore University Mysore - 570 005 Karnataka	53.56	36
3578	The study of surface chemistry induced three dimensional tumor model & its effect on tumor progression & drug response	DST-SERB-EMEQ	Vasita,R., Dr. (M) Central University of Gujarat Sector 29 Gandhinagar - 382 030 Gujarat	33.36	36
3579	A novel approach for the automated detection & quantification of erytosis	DST-SYST	Jacob,S.S., Ms. (F) Manipal University Kasturba Medical College, District Udupi Manipal - 576 104 Karnataka	7.62	36
3580	Designer food for management of Type 2 Diabetes: Targeting the gut-hormone modulatory potential of probiotics	DST-SYST	Panwar,H., Dr. (M) Guru Angad Dev Veterinary & Animal Science University Ferozepur Road Ludhiana - 141 004 Punjab	22.45	36
3581	Developing a newer diagnostic tool for early diagnosis of TB, utilizing the spectrophotometer principles	DST-SYST	Jojula,M., Dr. (F) Sri Shivani College of Pharmacy Mulugu Road Warangal - 506 002 Telangana	23.41	36
3582	Development of a novel non-invasive probiotic map for differential diagnosis of gluten allergy & celiac disease patients	DST-SYST	Arora,M., Dr. (F) Baba Farid University of Health Sciences Multi Disciplinary Research Unit, University Centre of Excellence in Research, Sadiq Road Faridkot - 151 203 Punjab	27.61	36
3583	Molecular & serological study for rapid diagnosis of invasive fungal infection in chronic liver diseases	DST-SYST	Kale,P.R., Dr. (F) Institute of Liver & Biliary Sciences Sector D-1, Vaant Kunj New Delhi - 110 070 Delhi	34.26	36
3584	Development of standard operating procedures of hyperthermic intraperitoneal chemotherapy in peritoneal surface malignancies for public set up in India	DST-TIASN	Ray,M.D., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	48.52	36
3585	Development of a novel cost effective salivary neuroelectro stimulator to treat Yerosomio in elderly patients	DST-TIDE	Rajkumar,K., Dr. (M) S.R.M. Dental College Department of Oral Pathology & Microbiology, S.R.M. University, Bharthi Salai, Rampuram Chennai - 600 089 Tamil Nadu	27.21	12
3586	Effect of multimodal information (diet, exercise & computer based cognitive training) in comparison to health a war mess amongst elderly subject with Subjective Cognitive Impairment (SCI) attending Geriatric clinic of AIIMS - A pilot randomized control ..	DST-TIDE	Chatterjee,P., Dr. (M) All India Institute of Medical Sciences Department of Geriatric Medicine, Ansari Nagar New Delhi - 110 029 Delhi	38.53	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3587	A profiling of differential expression pattern of metastatic suppressor genes in breast cancer as identification markers for early malignancy	DST-WOS-A	Khanna,D., Dr. (F) CSIR-Institute of Genomics & Integrative Biology Mall Road Delhi - 110 025 Delhi	31.04	36
3588	A tissue engineered skin substitute with localized hair follicle stem cells for hair follicles and sebaceous gland regeneration in a stress induced wound healing model	DST-WOS-A	Sumathy,B., Dr. (F) Sree Chitra Tirunal Institute for Medical Sciences & Technology Division for Tissue Engineering & Regeneration Technologies Thiruvananthapuram - 695 012 Kerala	29.41	36
3589	Characterization of mechanism of ubiquitination & degradation of CXCR4 in breast cancer stem cells	DST-WOS-A	Ahlawat,A., Dr. (F) P.G. Institute of Medical Education & Research Department of Translational & Regenerative Medicine Panchkula - 160 012 Haryana	31.77	36
3590	Characterization of vascular endothelial stress responses induced by human Japanese Encephalitis and its non structural proteins	DST-WOS-A	Jain,P., Dr. (F) National Institute of Virology Ministry of Health & Family Welfare Govt. of India, 20A Dr Ambedkar Road Pune - 411 001 Maharashtra	32.15	36
3591	Comparing vaginal microflora diversity between healthy & cervical cancer women for identifying isolates having probiotic and anticancer potential	DST-WOS-A	Kamble,A.L., Dr. (F) Interactive Research School for Health Affairs Pune - 411 043 Maharashtra	32.71	36
3592	Crosstalk between insulin resistance and CRH may influence Urocortin and alter bone cell function	DST-WOS-A	Abhaya,K., Ms. (F) Karpagam Academy of Higher Education Department of Biochemistry Coimbatore - 641 021 Tamil Nadu	19.74	36
3593	Deciphering the role of TPS1 and TPS2 in nutrient mediated pseudohyphal differentiation in Saccharomyces cerevisiae	DST-WOS-A	Iyer,R., Dr. (F) Indian Institute of Technology (Bombay) Department of Bioengineering, Powai Mumbai - 400 076 Maharashtra	32.70	36
3594	Development of osteoanabolic vehicle for orthopedic tissue regeneration	DST-WOS-A	Saha,B., Dr. (F) Indian Institute of Technology (Kharagpur) School of Medical Science & Technology Kharagpur - 721 302 West Bengal	32.71	36
3595	Effects of arsenic trioxide loaded Poly Lactic-co-Glycolic Acid (PLGA) nanoparticles against breast cancer: An in vitro study	DST-WOS-A	Rana,K., Ms. (F) Ch. Charan Singh University Department of Zoology, Toxicology Laborator Meerut - 250 004 Uttar Pradesh	21.94	36
3596	Evaluation of pharmacological interventions to modulate endoplasmic reticulum stress in experimental diabetic neuropathy	DST-WOS-A	Gundu,C., Ms. (F) National Institute of Pharmaceutical Education & Research Department of Pharmacology & Toxicology, Baalanagar Hyderabad - 500 037 Telangana	25.15	36
3597	Isolation & characterisation of green tissue specific promoters in elite cotton varieties of India	DST-WOS-A	Deborah,D.A.K., Dr. (F) ICAR-Central Institute for Cotton Research Department of Plant Biotechnology & Biosafety Officer, Post Bag No. 2, Shankar Nagar Post Office Nagpur - 440 010 Maharashtra	31.43	36
3598	Profiling nanoparticle-protein corona and investigating the role of specific proteins in NP uptake	DST-WOS-A	Mishra,V., Dr. (F) CSIR-Central Drug Research Institute Division of SAIF, NMR Centre Lucknow - 226 001 Uttar Pradesh	31.03	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3599	Role of cellular autophagy & its modulation in the replication of Hepatitis E virus	DST-WOS-A	Srivastava,M., Dr. (F) National Institute of Virology 20-A, Dr Ambedkar Road Pune - 411 038 Maharashtra	32.11	36
3600	siRNA targeted dual drug loaded mesoporous silica nanoparticles in Orthotopic Xenograft model of Lung cancer	DST-WOS-A	Dilnawaz,F., Dr. (F) Institute of Life Sciences Laboratory for Nanomedicine, Nalco Square Bhubaneswar - 751 023 Odisha	31.84	36
3601	STAT3 regulation via miRNAs in ovarian cancer stem cells: A therapeutic approach	DST-WOS-A	Thakur,S., Dr. (F) All India Institute of Medical Sciences Department of Reproductive Biology New Delhi - 110 029 Delhi	32.01	36
3602	TNF alpha mediated alternative splicing in type 2 Diabetes: A genome wide approach	DST-WOS-A	Louis,J.M., Ms. (F) Birla Institute of Technology & Science (Pilani) Department of Biological Sciences, K.K. Birla Goa Campus Vasco-da-Gama - 403 726 Goa	20.68	36
3603	To study the association & expression of IL-33 levels with clinical & laboratory characteristics of Rheumatoid Arthritis & systemic lupus erythematosus	DST-WOS-A	Ohri,M., Dr. (F) All India Institute of Medical Sciences Department of Microbiology Rishikesh - 249 201 Uttarakhand	32.16	36
3604	A community-based intervention on maternal & new-born care among the migrant urban poor living in non-notified slums & through Janani Suraksha yojana & home-based new born scheme in Hyderabad city	ICMR-ADHOC	Geddam,J.J.B., Dr. (M) ICMR-National Institute of Nutrition Tarnaka Metro Station, P.O. Osmania University Hyderabad - 500 007 Telangana	28.34	24
3605	A mixed method study on the influence of parental alcohol dependence on child abuse & neglect in Kerala: Implications for child inclusive de-addiction services	ICMR-ADHOC	Jose,J.P., Dr. (M) Jeevas Social Service Centre Kannur - 670 001 Kerala	29.23	18
3606	A pilot study to see the feasibility & impacts of novel personal protectants on the Jhumias of a selected Malaria endemic zone of Tripura along with the entomological studies	ICMR-ADHOC	Bhowmick,I.P., Dr. (F) ICMR-Regional Medical Research Centre Post Box No 105 Dibrugarh - 786 001 Assam	19.96	24
3607	A study on woman reproductive health among the four major tribes of Arunachal Pradesh	ICMR-ADHOC	Asghar,M.D., Dr. (M) Rajiv Gandhi University Papumpare - 791 112 Arunachal Pradesh	11.51	12
3608	A systematic review on interventions to improve the quality of care in pregnancy & childbirth in rural India	ICMR-ADHOC	Begum,S., Dr. (F) ICMR-National Institute for Research in Reproductive Health Jehangir Menwanji Street, Parel Mumbai - 400 012 Maharashtra	4.04	12
3609	Advancing equity in primary health care: An anthropological study	ICMR-ADHOC	Anand,A., Dr. (M) Institute of Public Enterprise Hyderabad - 500 101 Telangana	38.74	24
3610	Affect of timing of insertion of puerperal intrauterine contraceptive device Cu T380A on explusion rates	ICMR-ADHOC	Dorairajan,G., Prof. (F) Jawaharlal Institute of P.G. Medical Education & Research Dhanvantri Nagar Puducherry - 605 006 Puducherry	7.83	24
3611	An assessment of conflict as a social determinant of health in the north-east region of India	ICMR-ADHOC	Yumnam,V., Dr. (M) Tezpur University Napaam, District Sonitpur Tezpur - 784 028 Assam	19.58	15

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3612	An interventional study on comprehensive emergency care & trauma registry for road traffic injuries in India - Thrissur district, Kerala state	ICMR-ADHOC	Palatty,B.U., Dr. (M) Jubilee Mission Medical College & Research Institute East Fort Thrissur - 680 005 Kerala	30.65	18
3613	Anti-inflammatory strategy in the treatment of Pulmonary Artery Hypertension: An experimental study	ICMR-ADHOC	Maulik,S.K., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	35.51	36
3614	Assessing effectiveness of information, edication & communication strategies employed & health education materials produced by National Communicable diseases control programmes	ICMR-ADHOC	Maske,A.P., Mr. (M) Maharashtra Association of Anthropological Sciences Near Shivaji Statue, Aundhgaon Pune - 411 007 Maharashtra	39.69	24
3615	Behavior change strategy to improve uptake of services by Severely Malnourished (SMN) children under integrated child development services scheme in Vadodara, Gujarat	ICMR-ADHOC	Srivastava,N., Dr. (F) Deepak Foundation Vadodara - 390 019 Gujarat	39.37	18
3616	Bioinformatics approach for inhibition of toxic action of Russels viper venom PLA2 by lichen compounds validated through albino wistar rat model	ICMR-ADHOC	Ponmurugan,P., Dr. (M) Bharathiar University Gandhi Nagar, Maruthamalai Road Coimbatore - 641 046 Tamil Nadu	23.99	36
3617	Biomaterial for designing of mandibular boy scaffold-evaluation of polymer-ceramic nano composite scaffold with BMP for critical size mandibular defects	ICMR-ADHOC	Mehrotra,D., Dr. (F) King George's Medical University Lucknow - 226 003 Uttar Pradesh	78.83	36
3618	Bridging education & adolescent mental health: An initiative on teachers' mental health literacy	ICMR-ADHOC	Sekaran,V.C., Dr. (F) Manipal University Madhav Nagar Manipal - 576 104 Karnataka	28.76	26
3619	CBCT evaluation of two novel techniques as adjuncts for non surgical management of large periapical lesions of endodontic origin prospective randomised double blind controlled trial	ICMR-ADHOC	Logani,A., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	35.18	36
3620	Cell cluster formation in intervertebral disc degeneration and its relevance to disc regeneration	ICMR-ADHOC	Lama,P., Dr. (F) Sikkim Manipal Institute of Medical Sciences Tadong Gangtok - 737 102 Sikkim	9.12	24
3621	Characterization of body composition in patients with Non-Alcoholic Fatty Liver Disease (NAFLD) & its association with the known risk factors in lean & obese NAFLD	ICMR-ADHOC	Benjamin,J., Dr. (F) Institute of Liver & Biliary Sciences Sector D, Vasant Kunj New Delhi - 110 070 Delhi	84.56	36
3622	Characterization of predicted novel extracellular proteins of pathogenic Leptospira interrogans	ICMR-ADHOC	Kumar,M., Dr. (M) Indian Institute of Technology (Guwahati) Amingaon Guwahati - 781 039 Assam	37.21	36
3623	Clinical correlation of the tear chemokines & sphingolipids in children with vernal Keratoconjuctivitis	ICMR-ADHOC	Narayanasamy,A., Prof. (F) Vision Research Foundation Sankara Nethralaya Chennai - 600 006 Tamil Nadu	36.54	24
3624	Community based study of effects of biomass fuel, water intake, hemoglobin on pregnancy outcome with special reference to birth weight in Melghat, Maharashtra, India	ICMR-ADHOC	Chhabra,S., Prof. (F) Mahatma Gandhi Institute of Medical Sciences Dhanvantri Nagar, Sevagram Wardha - 442 102 Maharashtra	61.86	42

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3625	Comparative effectiveness of two mobile based strategies on adherence to IMNCI guidelines for managing children suffering from Pneumonia: A cluster randomized control trial	ICMR-ADHOC	Goel,S., Dr. (M) P.G. Institute of Medical Education & Research Madhya Marg, Sector 12 Chandigarh - 160 012 Chandigarh	32.59	21
3626	Cytokine profile of allograft. Post-reperfusion first-flush. Urine sample as a predictor of adverse graft outcome in renal transplantation	ICMR-ADHOC	Saikia,B., Dr. (M) P.G. Institute of Medical Education & Research Madhya Marg, Sector 12 Chandigarh - 160 012 Chandigarh	19.80	30
3627	Designing liposome based freezing medium for testicular tissue cryopreservation to aid in male fertility preservation	ICMR-ADHOC	Kalthur,G., Dr. (M) Kasturba Medical College & Hospital Madhav Nagar Manipal - 576 104 Karnataka	28.85	36
3628	Detection of mycobacterial protein antigens by immuno-PCR for an early diagnosis of Pulmonary & Extrapulmonary Tuberculosis	ICMR-ADHOC	Mehta,P.K., Dr. (M) Maharshi Dayanand University Rohtak - 124 001 Haryana	30.97	36
3629	Determinants of obstetric near miss & outcome at 6 months: A prospective study	ICMR-ADHOC	Keepanasseril,A., Dr. (M) Jawaharlal Institute of P.G. Medical Education & Research Dhanvatri Nagar Puducherry - 605 006 Puducherry	43.34	36
3630	Determinants of still birth among deliveries in a Tertiary Carre Centre	ICMR-ADHOC	Gupta,M.M., Dr. (F) Maulana Azad College G.B. Pant Hospital, 2, Bahadur Shah Zafar Marg New Delhi - 110 002 Delhi	34.00	36
3631	Development & validation of an electronic surveillance system for surgical site infections developing during hospital stay & after-discharge: A multi-centric study	ICMR-ADHOC	Mathur,P., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	164.81	36
3632	Development of human stem cells-based in vitro platform for drug screening & toxicological studies	ICMR-ADHOC	Pal,R., Dr. (M) Manipal Institute of Regenerative Medicine Manipal - 560 065 Karnataka	31.41	32
3633	Development validation & dissemination of Healthy Eating & Living Index (CHELI) for adolescents	ICMR-ADHOC	Gavaravarapu,S.M., Dr. (M) ICMR-National Institute of Nutrition Beside Tarnaka Metro Station, P.O. Osmania University Hyderabad - 500 007 Telangana	21.14	36
3634	Development, implementation & evaluation of Social & Behaviour Change Communication (SBCC) strategy for the prevention & control of Dengue in slums & slum like pockets in Delhi	ICMR-ADHOC	Yadlapalli,K.S., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	17.82	24
3635	Diagnosis of Pulmonary & extra Pulmonary Tuberculosis patients using differentially expressed proteins as potential biomarkers: An approach towatds development of point of care test	ICMR-ADHOC	Singh,U.B., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	48.02	36
3636	DNA biosensor for the diagnosis of Leptospirosis	ICMR-ADHOC	Kaushal,A., Mr. (M) Shoolini University Solan - 173 229 Himachal Pradesh	21.07	36
3637	Early detection of Leptospirosis using immuno-carbon nanotubes	ICMR-ADHOC	Bhagwath,A., Dr. (M) Yenepoya University Yenepoya Medical College & Research Centre Mangalore - 575 018 Karnataka	15.27	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3638	Effect of periodontal intervention on the risk of Atherosclerotic cardiovascular disease in Chronic Kidney disease patients in Indian population	ICMR-ADHOC	Jain,A., Dr. (M) Panjab University Dr. Harvansh Singh Judge Institute of Dental Sciences, Sector 14 Chandigarh - 160 014 Chandigarh	57.12	36
3639	Effect of polybrominated Diphenyl Ether (BDE-209) on male reproductive health & possible mechanisms of its action in relation to Thyroid homestasis in mouse model	ICMR-ADHOC	Singh,S.K., Dr. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	50.52	36
3640	Empowerment & engagement of community in strengthening child health among tribal population	ICMR-ADHOC	Raju,S., Dr. (F) Institute of Health Management Research Hulimangala Road, Electronics City Phase I Bengaluru - 560 105 Karnataka	37.66	36
3641	Engineeed exosomes as smart nano vectors with theranostic potential	ICMR-ADHOC	Dash,D., Prof. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	10.54	36
3642	Establishment of normative data for autonomic function tests in India population	ICMR-ADHOC	Singh,S., Dr. (F) Christian Medical College Ludhiana - 141 008 Punjab	49.59	36
3643	Exploring the role Hsp70 (DnaK, DnaJ & GrpE) in protein folding diseases: Using Archaea as model system	ICMR-ADHOC	Goel,M., Dr. (F) Delhi University South Delhi New Delhi - 110 021 Delhi	43.04	38
3644	Fertility preservation in cancer affected prepubertal boys: An experimental approach using testicular tissue cryopreservation	ICMR-ADHOC	Adiga,S.K., Dr. (M) Kasturba Medical College & Hospital Madhav Nagar Manipal - 576 104 Karnataka	44.55	36
3645	Functional interplay of different mutations/polymorphs of CLDN 14, MGP & SPP1 genes in the development of kidney stone disease	ICMR-ADHOC	Das,M., Prof. (M) Calcutta University Kolkata - 700 073 West Bengal	40.98	46
3646	Genome wide transcriptome profiling of human retinal cells under Diabetic milieu in the context of Egr-1 expression towards deciphering alternative pathways mediating retinal angiogenesis	ICMR-ADHOC	Vetrivel,U., Dr. (M) Vision Research Foundation Sankara Nethralaya Chennai - 600 006 Tamil Nadu	45.36	36
3647	Growth assessment & evaluation of effectiveness of audio-visual module in promoting assisted breast feeding in cleft lip & palate children. A randomized controlled trial	ICMR-ADHOC	Prashanth,S., Dr. (M) Jagadguru Sri Shivarathreeshwara University J.S.S. Academy of Higher Education & Research Mysore - 570 015 Karnataka	17.04	18
3648	Identification of microRNA biomarkers for early diagnosis of Leptospirosis	ICMR-ADHOC	Natarajaseenivasan,K., Prof. (M) Bharathidasan University Tiruchirappalli - 620 024 Tamil Nadu	36.98	36
3649	Impact evaluation of structural factors in mother-child healthcare ecosystem: An evidence-based policy perspective	ICMR-ADHOC	Qadri,M.H., Dr. (M) Kashmir University Srinagar - 190 006 Jammu & Kashmir	35.83	24
3650	Impact of behavioral intervention package on the health status of married abused pregnant women attending antenatal clinic of L.N. Hospital, New Delhi - A randomized controlled trial	ICMR-ADHOC	Mahapatro,M., Dr. (F) National Institute of Health & Family Welfare Baba Gang Nath Marg, Block A, Munirka New Delhi - 110 067 Delhi	58.57	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3651	Impact of EMF radiation from mobile handsets on brain glucose transporters: An experimental study	ICMR-ADHOC	Mathur,R., Dr. (F) Delhi Institute of Pharmaceutical Sciences & Research Sector 3, Pusp Vihar New Delhi - 110 017 Delhi	33.59	36
3652	Integrated Road traffic Injuries Surveillance - India (IRIS-India): Chittor, Andhra Pradesh	ICMR-ADHOC	John,K.R., Dr. (M) Apollo Institute of Medical Sciences & Research Chittoor - 517 217 Andhra Pradesh	24.18	18
3653	Isolation, identification & characterization of marker proteins from the venom of Naja Kaouthia & Bungarus fasciatus of north east India for development of rapid diagnostic tool for identification snakebite in north east India	ICMR-ADHOC	Doley,R., Dr. (M) Tezpur University Sonitpur, Napaam Tezpur - 784 028 Assam	27.61	34
3654	Lipolytic helicobacter pylori enzymes & their potential roles in pathogenesis	ICMR-ADHOC	Sitaraman,R., Dr. (M) TERI University Plot No 10, Institutional Area, Vasant Kunj New Delhi - 110 070 Delhi	22.76	6
3655	Multilocus microsatellite typing & antifungals profile of clinical Cryptococcus neoformans species complex isolated from patients of Cryptococcosis	ICMR-ADHOC	Chowdhary,A., Dr. (F) Vallabhbhai Patel Chest Institute Delhi University Delhi - 110 007 Delhi	32.00	36
3656	NKT cell subsets: Impact on Mycobacterium Tuberculosis specific effector T cell responses	ICMR-ADHOC	Mitra,D.K., Prof. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	65.71	36
3657	Other microbial infections characterization of Leptospiral epitopes through phage display technology for highly sensitive scFv/Fab diagnostic antibodies production	ICMR-ADHOC	Gangatharan,M., Dr. (M) Bharathidasan University School of Life Sciences Tiruchirappalli - 620 024 Tamil Nadu	49.89	36
3658	Pharmacological interventions to stimulate endothelial progenitor cells as molecular target to attenuate experimental macrovascular & microvascular endothelium dysfunction	ICMR-ADHOC	Sharma,S., Dr. (M) C.T. University School of Pharmaceutical Sciences Ludhiana - 142 024 Punjab	4.73	36
3659	Placental oxidative stress in gestational Diabetes mellitus	ICMR-ADHOC	Sukumar,P., Dr. (M) Indian Institute of Technology (Guwahati) Amingaon Guwahati - 781 039 Assam	30.86	24
3660	Predictors/determinants of psycho-social health among children of incarcerated parents: A study of NCT of Delhi	ICMR-ADHOC	Sukhramani,N., Dr. (F) Jamia Millia Islamia Jamia Nagar New Delhi - 110 025 Delhi	34.32	13
3661	Proposal for ICMR Advanced Centre for Clinical Pharmacology in Hematological diseases aiming at personalized medcine	ICMR-ADHOC	Balasubramanian,P., Dr. (M) Christian Medical College & Hospital Vellore - 632 002 Tamil Nadu	93.70	36
3662	Proteomic profiling & miRNA analysis of exosomes for the identification of potential biomarkers for Tuberculosis in HIV patients	ICMR-ADHOC	Singh,A.V., Dr. (M) ICMR-National Jalma Institute for Leprosy & other Mycobacterial Diseases Post Bo 101, Tajganj Agra - 282 001 Uttar Pradesh	23.77	36
3663	Quality care in maternal & new born health in India: A multilevel modelling	ICMR-ADHOC	Singh,L., Dr. (M) ICMR-National Institute of Medical Statistics Ansari Nagar New Delhi - 110 029 Delhi	6.79	18

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3664	Rapid molecular drug resistance detection for MDR & XDR TB & molecular typing of Mycobacterium Tuberculosis from Ziehl-Neelsen stained microscopic slides from Delhi state	ICMR-ADHOC	Singh,U.B., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	48.72	36
3665	Rational design of small molecule inhibitors for a bifunctional enzyme L- Histidinol Dehydrogenase (HisD) from Mycobacterium Tuberculosis	ICMR-ADHOC	Biswal,B.K., Dr. (M) National Institute of Immunology Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	6.56	36
3666	Role of diffusion tensor imaging in the evaluation of Hansen's disease of Ulnar nerve introduction	ICMR-ADHOC	Das,C.J., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	27.63	24
3667	Role of post-trauma Lymphocyte - Monocyte response & programmed death - 1 levels in early diagnosis of sepsis & prognosticating outcome in trauma patients	ICMR-ADHOC	Mathur,P., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	68.44	48
3668	Role of telomere length & telomerase activity in clinical outcome of patients with hemoblobinopathies	ICMR-ADHOC	Nandkarni,A., Dr. (F) ICMR-National Institute of Immunohaematology KEM Hospital Campus, Parel Mumbai - 400 012 Maharashtra	15.88	24
3669	Social support & reproductive autonomy of visually challenged women in the rural districts of Tamil Nadu	ICMR-ADHOC	Srinivasan,S.K., Dr. (M) Bharathidasan University Tiruchirappalli - 620 024 Tamil Nadu	13.76	21
3670	Socio-behavioural issues & structural factors regarding health of under-5 children in urban slum population of Chennai, Tamil Nadu	ICMR-ADHOC	Parasuraman,G.K., Dr. (M) ICMR-National Institute of Epidemiology Chennai - 600 077 Tamil Nadu	59.57	24
3671	Somatoform disorders & depressive disorders: Epidemiology of their association & symptom sharing in the population of Barpeta district in Assam, India	ICMR-ADHOC	Talukdar,U., Dr. (M) Fakhruddin Ali Ahmed Medical College Barpeta - 781 301 Assam	7.63	18
3672	Spiritual problems & concerns faced by Indian palliative care patients	ICMR-ADHOC	Bhatnagar,S., Dr. (F) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	41.15	36
3673	Structural insights mechanism of SIRT4 protein from Homo sapiens to identify potential inhibitors for the treatment of Type II Diabetes	ICMR-ADHOC	Jeyaraman,J., Prof. (M) Alagappa University Distrct Sivaganga Karaikudi - 630 003 Tamil Nadu	29.61	36
3674	Study of serum & dermal proteome of Borderline Leprosy (BT.BL) in relation to therapeutic changes induced by chemotherapy & chemotherapy & chemotherapy with immunotherapy	ICMR-ADHOC	Kamal,R., Dr. (M) ICMR-National Jalma Institute for Leprosy & other Mycobacterial Diseases P.O. Box 101, Tajganj Agra - 282 001 Uttar Pradesh	46.85	36
3675	Study on the genetic & epigenetic risk factors of male infertility among Indian men with speical reference to development of biotechnology based therapeutic approah	ICMR-ADHOC	Ghosh,S., Dr. (M) Calcutta University Kolkata - 700 073 West Bengal	42.46	60
3676	Therapeutic potential of curcumin in regulation of IL-17A during acute lung injury & fibrosis	ICMR-ADHOC	Bhandary,Y.P., Dr. (M) Yenepoya University Dakshina Kannada Mangalore - 575 018 Karnataka	16.88	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3677	Treatment response evaluation in extra spinal Musculoskeletal Tuberculosis using molecular imaging (PET-CT)	ICMR-ADHOC	Khan,S.A., Dr. (M) All India Institute of Medical Sciences Ansari Nagar New Delhi - 110 029 Delhi	39.89	36
3678	Understanding the cellular & molecular mechanisms of addiction associated disrupted circadian rhythm in striatum to explore potential new therapeutic targets for preventing relapse	ICMR-ADHOC	Deb,I., Dr. (F) Calcutta University Kolkata - 700 073 West Bengal	30.00	36
3679	Understanding the impact of sperm genetic & epigenetic abnormalities on the ART derived human embryos: Metabolomic & Morphokinetic approach	ICMR-ADHOC	Adiga,S.K., Dr. (M) Kasturba Medical College & Hospital Madhav Nagar Manipal - 576 104 Karnataka	49.10	36
3680	Validation of PFDN5-alpha reactivity towards CSF from Central Nervous System (CNS) Leukemia patients of B cell Acute Lymphoblastic Leukemia (B-ALL)	ICMR-ADHOC	Menon,K.N., Dr. (M) Amrita Institute of Medical Sciences & Research Centre Ponekkare Kochi - 682 041 Kerala	20.98	39
3681	Application of design of experiments ..	UGC-MNRP	Sowmya,C., Dr. (M) Professor Raghavendra Institute Pharmaceutical Education & Research Anantapur - 515 721 Andhra Pradesh	0.63	24
3682	Bioaalytical method development & ..	UGC-MNRP	Ajitha, Dr. (F) Assistant Professor C.M.R. College of Pharmacy District Medchal Hyderabad - 501 401 Telangana	0.45	24
3683	Comparative simultaneous evaluation of ..	UGC-MNRP	Srikanth,S., Mr. (M) Associate Professor C.M.R. College of Pharmacy District Medchal Hyderabad - 501 401 Telangana	0.80	24
3684	Development & characterization of chol ..	UGC-MNRP	Reddy,C.S.P., Mr. (M) Assistant Professor Raghavendra Institute Pharmaceutical Education & Research Anantapur - 515 721 Andhra Pradesh	0.50	24
3685	Discovery of novel synthetic & semi ..	UGC-MNRP	Jyothi,M.V., Dr. (M) Professor Raghavendra Institute Pharmaceutical Education & Research Anantapur - 515 721 Andhra Pradesh	0.90	24
3686	Drug interaction study of antidiabetic ..	UGC-MNRP	Kumar,B.P., Mr. (M) Assistant Professor Raghavendra Institute Pharmaceutical Education & Research Anantapur - 515 721 Andhra Pradesh	0.72	24
3687	Effect of annona squamosa linn on neurod ..	UGC-MNRP	Reddy,K.S., Dr. (M) Assistant Professor Raghavendra Institute Pharmaceutical Education & Research Anantapur - 515 721 Andhra Pradesh	0.72	24
3688	Evaluation of in vitro-in vivo & in ..	UGC-MNRP	Kamili,C., Ms. (F) Assistant Professor C.M.R. College of Pharmacy District Medchal Hyderabad - 501 401 Telangana	0.60	24
3689	Evaluation of protective effect of ..	UGC-MNRP	Mondi,S., Dr. (F) Assistant Professor C.M.R. College of Pharmacy District Medchal Hyderabad - 501 401 Telangana	0.80	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3690	Experimental investigations & optimization	UGC-MNRP	Kondayya,D., Dr. (M) Professor Sreenidhi Institute of Science & Technology Ghatkesar Hyderabad - 501 301 Telangana	2.30	24
3691	Formulation & in vitroin vivo evaluation	UGC-MNRP	Priya,M.V., Ms. (F) Assistant Professor Sri Venkateswara College of Pharmacy R.V.S. Nagar Chittoor - 517 127 Andhra Pradesh	0.60	24
3692	Synthesis & antiasthmatic/adenosine ..	UGC-MNRP	Harika,L.V., Ms. (F) Assistant Professor Shri Vishnu College of Pharmacy Bhimavaram - 534 202 Andhra Pradesh	0.45	24
3693	Synthesis of semi-synthetic stilbenes	UGC-MNRP	Reddy,Y.P., Dr. (M) Professor Raghavendra Institute Pharmaceutical Education & Research Anantapur - 515 721 Andhra Pradesh	0.54	24

Total Cost of 377 Projects Under: ***Medical Sciences*** 13,836.10

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3694	Development of cost-effective, compact GNSS receiver for sub meter accuracy using low-cost hardware & open source GNSS package for location based application development	AICTE-RP	Bose,A., Dr. (M) Burdwan University Golapbag Burdwan - 713 104 West Bengal	22.65	36
3695	A green approach for the synthesis, characterization of bio-conjugated zine oxide nanoparticles and studying their interactions through first principles method: Biological and catalytic applications	CSIR-GS	Singh,G., Dr. (M) Panjab University Department of Applied Science, Swami Sarvanand Giri Regional Centre Hoshiarpur - 146 001 Punjab	20.96	36
3696	A multiwavelength study of active galactic nuclei and x-ray sources	CSIR-GS	Gogoi,R., Dr. (F) Tezpur University Department of Physics Tezpur - 784 028 Assam	17.96	36
3697	Chaotic fibre laser for random event generation	CSIR-GS	Vijaya,R., Prof. (F) Indian Institute of Technology (Kanpur) Department of Physics Kanpur - 208 016 Uttar Pradesh	22.46	36
3698	Characterizing phase transition and coarsening dynamics in systems with vector order parameter	CSIR-GS	Paul,R., Dr. (M) Indian Association for the Cultivation of Science Department of Solid State Physics Kolkata - 700 032 West Bengal	23.96	36
3699	Collective dynamical states in certain coupled nonlinear oscillators	CSIR-GS	Senthilvelan,M., Dr. (M) Bharathidasan University School of Physics Tiruchirappalli - 620 024 Tamil Nadu	16.96	36
3700	Collective dynamics of complex nonlinear systems	CSIR-GS	Senthilkumar,D.V., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) School of Physcis Thiruvananthapuram - 695 016 Kerala	25.96	36
3701	Developing materials for high efficiency silicon-hybrid perovskite tandem solar cells	CSIR-GS	Ravindran,P., Prof. (M) Central University of Tamil Nadu Department of Material Science Thiruvarur - 610 101 Tamil Nadu	25.96	36
3702	Electron/proton beam irradiation induced dielectric, electro-optical and physical properties of ferroelectric liquid crystal materials	CSIR-GS	Prakash,J., Dr. (M) Aligarh Muslim University Department of Physics Aligarh - 202 002 Uttar Pradesh	25.96	36
3703	Enhancement of Raman scattering signal of single molecules using photonic nanojet mediated Surface Enhanced Raman Scattering (SERS) technique	CSIR-GS	Dantham,V.R., Dr. (M) Indian Institute of Technology (Patna) Department of Physics Patna - 801 103 Bihar	19.46	36
3704	Enhancing efficiency in nonlinear optical device applications by enhancing nonlinearity due to energy transfer in binary dye doped polymers	CSIR-GS	Vinitha,G., Dr. (F) Vellore Institute of Technology University Division of Physics Chennai - 600 127 Tamil Nadu	16.46	36
3705	Fabrication of organic ferroelectric thin films for eco-friendaly devices applications ..	CSIR-GS	Murugavel,P., Dr. (M) Indian Institute of Technology (Madras) Department of Physics Chennai - 600 036 Tamil Nadu	16.64	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3706	Heavy quarkonia in a magnetic field and its evolution in an expanding medium	CSIR-GS	Patra,B.K., Dr. (M) Indian Institute of Technology (Roorkee) Department of Physics Roorkee - 247 667 Uttarakhand	17.16	36
3707	Investigation on the control of Liquid-Liquid Phase Separation (LLPS) and isolation of vanillin polymorphs for industrial applications through novel crystallization techniques	CSIR-GS	Srinivasan,K., Dr. (M) Bharathiar University Department of Physics Coimbatore - 641 046 Tamil Nadu	20.46	36
3708	Investigation on the propagation of Electromagnetic Wave (EMW) and EMW induced ultrafast magnetization switching soliton dynamics in ferromagnetic nanowires	CSIR-GS	Kavitha,L., Dr. (M) Central University of Tamil Nadu Department of Physics Thiruvarur - 610 101 Tamil Nadu	15.76	36
3709	Investigations of glass-ceramics for capacitive energy storage applications	CSIR-GS	Singh,P., Prof. (M) Indian Institute of Technology (BHU) Department of Physcis Varanasi - 221 005 Uttar Pradesh	23.96	36
3710	Investigations on the electrical and optical properties of pure and rare earth doped rubidium titanyl phosphate single crystals titanyl phosphate single crystals	CSIR-GS	Rajesh,N.P., Dr. (M) S.S.N. College of Engineering Department of Physics Kalavakkam - 603 110 Tamil Nadu	17.96	36
3711	MN incorporation in monolayer MoS2 to achieve two dimensional dilute magnetic semiconductor for spintronic application spintronic application	CSIR-GS	Dhar,S., Dr. (M) Indian Institute of Technology (Bombay) Department of Physics, Powai Mumbai - 700 076 Maharashtra	24.96	36
3712	Production and study of a plasma confined by a dipole magnet	CSIR-GS	Bhattacharjee,S., Prof. (M) Indian Institute of Technology (Kanpur) Department of Physics Kanpur - 208 016 Uttar Pradesh	13.50	36
3713	Relaxation dynamics of lithium ion conducting glass-ceramics	CSIR-GS	Bhattacharya,S., Dr. (M) Siliguri Institute of Technology Department of Enggineering & Science & Humanities Darjeeling - 734 009 West Bengal	15.21	36
3714	Studies on magnetic coupling in multilayers induced by hydrogen charging	CSIR-GS	Chandra,R., Prof. (M) Indian Institute of Technology (Roorkee) Institute Instrumentation CTR Roorkee - 247 667 Uttarakhand	17.96	36
3715	Study of optical and electrical properties of transition metal oxide based thermo and electro-chromic thin films for application in energy efficient windows	CSIR-GS	Khanna,A., Prof. (M) Guru Nanak Dev University Department of Physics Amritsar - 143 005 Punjab	22.96	36
3716	Study of usual and generalized stokes parameters for vectorial optical field	CSIR-GS	Kanseri,B., Dr. (M) Indian Institute of Technology (Delhi) Department of Physics, Hauz Khas New Delhi - 110 016 Delhi	23.96	36
3717	Synthesis and modifications of metal-fullerene nanocomposite for applications in optical devices using ion beams	CSIR-GS	Singhal,R., Dr. (M) Malaviya National Institute of Technology (Jaipur) Department of Physics Jaipur - 302 017 Rajasthan	26.96	36
3718	Synthesis of novel thermoelectric materials for low and high temperature applications	CSIR-GS	Rao,A., Prof. (M) Manipal Institute of Technology Department of Physics Manipal - 576 104 Karnataka	21.46	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3719	Development of Fe(III) complexes of amido-quinoline tetradentate acyclic ligands: Catalysts for C-H activation and epoxidation	CSIR-SS	Dhar,B.B., Dr. (M) Shiv Nadar University Department of Chemistry Greater Noida - 201 314 Uttar Pradesh	40.96	36
3720	Design & development of hydrogen storage device with Mg based alloy nanoparticles decorated frustule-nitrogen doped graphene composite	DRDO-ER&IPR	Ramaprabhu,S., Dr. (M) Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	66.01	24
3721	Design & development of sensors for the detection of explosive agents (RIC-III)	DRDO-ER&IPR	Roy,S.C., Mr. (M) Associate Professor Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	82.84	36
3722	Development & characterization of swift response actuators using carbon allotrope's based ionic polymer composites	DRDO-ER&IPR	Bhattacharya,B., Prof. (M) Head Sharda University Greater Noida - 201 310 Uttar Pradesh	25.07	36
3723	Development of PZN-PT single crystal technology for naval transducer applications	DRDO-ER&IPR	Giridharan,N.V., Dr. (M) Assistant Professor National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	99.38	36
3724	Development of wireless multi sensor based intelligent security & surveillance system	DRDO-ER&IPR	Das,S.K., Dr. (M) Assistant Professor National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	28.84	36
3725	Feasibility study of a practical realization of protocol for semi-counterfactual Quantum Key Distribution (QKD)	DRDO-ER&IPR	Srikanth,R., Mr. (M) Assistant Professor Poornaprajna Institute of Scientific Research Sadashiv Nagar Bengaluru - 560 080 Karnataka	18.76	24
3726	Investigation on optical pulse & beam propagation in semiconductor quantum well & quantum dot nanostructures with emphasis to the development of photonic devices	DRDO-ER&IPR	Konar,S., Dr. (M) Professor Birla Institute of Technology (Mesra) Ranchi - 835 215 Jharkhand	24.61	36
3727	Process optimization & development of thermally stable solar-blind beta-Ga2O3 photodetector	DRDO-ER&IPR	Kumar,M., Dr. (M) Assistant Professor Indian Institute of Technology (Ropar) Rupnagar Ropar - 140 001 Punjab	53.84	36
3728	Studies on multi-GNSS signal environment from India towards integrated & robust navigation solutions & application development	DRDO-ER&IPR	Bose,A., Dr. (M) Scientific Officer Burdwan University Burdwan - 713 104 West Bengal	64.60	36
3729	Synthesis & characterization of thin films of electro-caloric materials for solid state cooling applications	DRDO-ER&IPR	Kumar,P., Dr. (M) Assistant Professor Dehradun Institute of Technology Dehradun - 248 009 Uttarakhand	21.32	36
3730	Synthesis of magnetic nanopowders by plasma arc discharge	DRDO-ER&IPR	Velayutham,G.S., Dr. (M) Assistant Professor Bharathiar University Coimbatore - 641 046 Tamil Nadu	13.39	36
3731	Turning the spin-polarisation of heusler intermetallics towards spintronic applications	DRDO-ER&IPR	Kanchana,V., Dr. (F) Associate Professor Indian Institute of Technology (Hyderabad) Sangareddy - 502 285 Telangana	29.92	36
3732	A study on crystal growth & optical properties of novel macrocyclic supramolecular assemblies	DST-IBC	Kalainathan,S., Prof. (M) Deputy Director Vellore Institute of Technology University School of Advanced Science, Centre for Crystal Growth, Gorbachev Road Vellore - 632 014 Tamil Nadu	5.24	24

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3733	A systematic study of fusion and quasifission in heavy nuclei - paving the road to new element synthesis	DST-IBC	Prasad,E., Dr. (M) Central University of Kerala School of Mathemetical & Physical Science, Periye Kasaragod - 671 320 Kerala	18.57	36
3734	Access to the beamlines of the elettra synchrotron light laboratory by the Indian institutions	DST-IBC	Sarma,D.D., Dr. (M) Indian Institute of Science C.V. Raman Road Bengaluru - 560 012 Karnataka	166.83	36
3735	Astronomical compact objects to probe gravitational theories	DST-IBC	Ghosh,S.G., Prof. (M) Jamia Millia Islamia Centre for Theoretical Physics, Jamia Nagar, Okhla New Delhi - 110 025 Delhi	14.48	36
3736	Astrosat: A new window on general relativity	DST-IBC	Bhattacharya,D., Prof. (M) Inter University Centre for Astronomy & Astrophysics Ganeshkhind Pune - 411 007 Maharashtra	10.80	36
3737	Atmospheric heating in low-mass solar-like starts: A multi wavelength study of stellar atmosphere using astrosat & tigre	DST-IBC	Sairam,L., Dr. (F) Indian Institute of Astrophysics Koramangala Bengaluru - 560 034 Karnataka	9.55	36
3738	Design, fabrication and characterization of high-NA lenses wish dielectric Huygens metasurfaces	DST-IBC	Chaudhury,B., Dr. (F) CSIR-National Aerospace Laboratories Bengaluru - 560 017 Karnataka	7.19	24
3739	Determination of the fundamental characteristics of interstellar extinction	DST-IBC	Murthy,J., Dr. (M) Indian Institute of Astrophysics Karmangala Bengaluru - 560 034 Karnataka	16.22	36
3740	Development of high energy density piezoelectric materials for vibration energy harvesting	DST-IBC	Panda,P.K., Dr. (M) CSIR-National Aerospace Laboratories Kodihalli Bengaluru - 560 017 Karnataka	31.37	36
3741	Development of single multiple C- H bond activation by applying photocatalytic technology: A greener approach enroute for drug cores	DST-IBC	Maiti,D., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	53.43	36
3742	Dispersed multiphase flows in sustainable energy conversion processes	DST-IBC	Alam,M., Prof. (M) Indian Institute of Science C.V. Raman Road Bengaluru - 560 012 Karnataka	105.93	36
3743	Dynamic analysis and shape control of inflatable structures for space application	DST-IBC	Upadhya,S.H., Dr. (M) Indian Institute of Technology (Roorkee) Roorkee - 247 667 Uttarakhand	26.42	24
3744	Dynamics of liquid electrolytes and ionogels by means of NMR relaxometry	DST-IBC	Singh,R.K., Dr. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	19.98	24
3745	Efficiency increase of III-V multijunction solar cells and modules with sunlight concentrators for photovoltaic installations	DST-IBC	Kishore,N., Dr. (M) Motilal Nehru National Institute of Technology (Allahabad) Teliarganj Allahabad - 211 004 Uttar Pradesh	52.02	24

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3746	Elucidation of synergistic solvation in alcohol- chlorinated methane binary solvent mixture by optical kerr effect spectroscopy	DST-IBC	Sen,P., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Naar Kanpur - 208 016 Uttar Pradesh	10.93	24
3747	Evolution of cold gas in galaxies: Large surveys using radio and optical telescopes-enhanced exchnge programme	DST-IBC	Gupta,N., Prof. (M) Inter University Centre for Astronomy & Astrophysics Ganeshkhind Pune - 411 007 Maharashtra	25.40	36
3748	Exploring design options for new optical telescopes in South Africa and India	DST-IBC	Parihar,P.S., Dr. (M) Indian Institute of Astrophysics Koramangala Bengaluru - 560 034 Karnataka	16.74	36
3749	Extragalatic astronomy and cosmology using GMRT, MeerKat and the SKA: Workshop	DST-IBC	Choudhury,T.R., Dr. (M) National Centre for Radio Astrophysics Tata Institute of Fundamental Researct, Ganeshkhind Pune - 411 007 Maharashtra	13.69	36
3750	Fabrication of thin film solar cell based on nanostructured Cu2ZnSn(SXSe1-x)4	DST-IBC	Patil,P.S., Dr. (M) Shivaji University Thin Film Materials Laboratory, Vidyanagar Kolhapur - 416 004 Maharashtra	6.40	24
3751	Ferrocene conjugated y-shaped chromophores as potential sensitizers in dye sensitized solar cells with innovative redox mediators	DST-IBC	Nallasamy,P., Dr. (F) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	16.30	36
3752	Formation of room temperature ferrite thin films for the applications of spintronic devices	DST-IBC	Kumar,R., Mr. (M) Jaypee University of Information Technology Department of Physics & Materials Science, Waknaghat Solan - 173 234 Himachal Pradesh	11.72	24
3753	Functional properties of electro- and magnetostrictive materials based on transition metal oxides synthesized by hydrothermal sol-gel method	DST-IBC	Rai,R., Dr. (M) Eternal University Department of Physics & Materials Science, Sirmour, Baru Sahib, Simour Sirmour - 173 101 Himachal Pradesh	11.66	36
3754	Galaxy evolution: Simulation, observations and data analysis: Enhanced exchange programme	DST-IBC	Saha,K., Prof. (F) Inter University Centre for Astronomy & Astrophysics Ganeshkhind Pune - 411 007 Maharashtra	11.34	36
3755	Highly accurate digital holographic microscope cell classification by noise reduction and deep learning	DST-IBC	Anand,A., Ms. (M) M.S. University of Baroda Fatehganj Vadodara - 390 002 Gujarat	26.01	24
3756	Investigation of interstellar Polycyclic Aromatic Hydrocarbons (PAHs), pure and substituted: A combined approach	DST-IBC	Pathak,A., Mr. (M) Assistant Professor Tezpur University Department of Physics, Napaam Tezpur - 784 028 Assam	10.60	36
3757	Investigation of production parameters of supercapacitor electrodes & their influence on electrical performance	DST-IBC	Tripathi,S.K., Dr. (M) Mahatma Gandhi University Department of Physics, Belisarai Motihari - 845 401 Bihar	13.16	24
3758	Joint exploration of the deep radio sky with meerKat and the GMRT: The pathway to the SKA	DST-IBC	Lal,D.V., Dr. National Centre for Radio Astrophysics Tata Institute of Fundamental Researct, Ganeshkhind Pune - 411 007 Maharashtra	13.39	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3759	Leptons from heavy flvour hadron decays in proton-porton collisions at the LHC	DST-IBC	Roy,A., Ms. (F) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	7.14	24
3760	Lower atmospheric forcing leading to modifications in the upper atmosphere	DST-IBC	Devi,M., Prof. (F) Gauhati University Department of Physics, Jalukbari Guwahati - 781 014 Assam	36.31	36
3761	Magnetic & dielectric studies on the room temperature magnet SrRu2O6 & its doped variants	DST-IBC	Nair,S., Dr. (M) Indian Institute of Science Education & Research (Pune) Department of Physics, Dr. Homi Bhabha Road, Ward No. 8, Pashan Pune - 411 008 Maharashtra	28.95	36
3762	Microstructural and electronic parameters of heterojunction solar cells on the base of Cu2ZnSn(S,Se)4 and Cu2(Sn,Ge)S3 materials grown by dual ion beam sputtering	DST-IBC	Mukherjee,S., Dr. (M) Indian Institute of Technology (Indore) Khandwa Road, Simrol Indore - 453 552 Madhya Pradesh	20.90	36
3763	Modeling and experimental investigation of half-metallic epitaxial films based on heusler alloys for spin-injection terahertz and far-infrared photonics	DST-IBC	Rai,D.P., Dr. (M) Pachhunga University College Department of Physics Aizawal - 796 001 Mizoram	27.09	36
3764	New multiferroical huntites with giant effects: Synthesis, experimental and theoretical investigation of agnetoelectric, magnetic and ferroelectric properties	DST-IBC	Shukla,D.K., Dr. (M) UGC-DAE Consortium of Scientific Research Khandwa Road Indore - 452 017 Madhya Pradesh	24.04	36
3765	Nucleation on nanostruce ultrafast dynamics of excitons and charge carriers in the white-light-emitting quantum dots produced at low temperature	DST-IBC	Singh,J.K., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	14.99	36
3766	Observational signature of super massive black Holes: TeV blazars in multi-wavelength view	DST-IBC	Gupta,A., Dr. (M) Aryabhatta Research Institute of Observational Sciences Beluwakhan Nainital - 263 002 Uttarakhand	13.74	36
3767	Onset of solar flares & flares & flaro-CME associations	DST-IBC	Jhosi,B., Dr. (M) Physical Reserch Laboratory Udaipur Solar Observatory, Fateh Sagar Lake, Badi Road Udaipur - 313 001 Rajasthan	8.22	24
3768	Optimised energy harvest and storage using discrete electrolytes	DST-IBC	Sundaram,B., Prof. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Jakkur Bengaluru - 560 064 Karnataka	51.80	36
3769	Precision physics at the CERN Large Hardon Collider (LHC)	DST-IBC	Vajravelu,R., Dr. (M) Institute of Mathematical Sciences 4th Cross Stree, Tharamani Chennai - 600 113 Tamil Nadu	10.80	36
3770	Probing the foundations of quantum mechanics in neutrino oscillations	DST-IBC	Banerjee,S., Mr. (M) Indian Institute of Technology (Jodhpur) Nagaur Road Jodhpur - 342 037 Rajasthan	10.09	24

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3771	Probing the reionization epoch and the high redshift IGM	DST-IBC	Sethi,S., Dr. (M) Raman Research Institute C.V. Raman Avenue, Sadashivanagar Bengaluru - 560 080 Karnataka	4.65	36
3772	Production & measurement of THz radiation at LUCX and DLS for promoting researches in materials science, nanotechnologies, molecular physics	DST-IBC	Ghosh,S., Prof. (M) Scientist G Inter University Accelerator Centre Superconducting Linear Accelerator & Free Electron Laser, Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	4.96	24
3773	Role of nano-structuring on the magnetostructural propweties of magnetic thin flims & multilayers for data storage application	DST-IBC	Mohanty,J.R., Dr. (M) Indian Institute of Technology (Hyderabad) Department of Physics, Kandi Sangareddy - 502 285 Telangana	5.90	24
3774	SKA1 telescope manager test environment and simulation framework prototype	DST-IBC	Gupta,Y., Prof. (M) National Centre for Radio Astrophysics Department of Radio Astronomy, Tata Institute of Fundamental Researct, Ganeshkhind Pune - 411 007 Maharashtra	15.81	36
3775	Stars, late-type, magnetic activity, flares	DST-IBC	Pandey,J.C., Dr. (M) Aryabhatta Research Institute of Observational Sciences Manora Peak, Beluwakhan Nainital - 263 002 Uttarakhand	5.00	36
3776	Strong light-matter interactives in active metallic nanoantennas	DST-IBC	Vasa,P., Dr. (F) Indian Institute of Technology (Bombay) Department of Physics, Powai Mumbai - 700 076 Maharashtra	16.44	24
3777	Studies of the molecular orientation and radiation damage of DNA adsorbed on Zirconia	DST-IBC	Majumder,S., Dr. (M) National Institute of Technology (Patna) Department of Physics, Ashok Rajpath Patna - 800 005 Bihar	18.11	36
3778	The establishment of the relationship between composition, atomic structure and properties of crystalline materials with hydrogen bonds	DST-IBC	Chitra,R., Dr. (F) Bhabha Atomic Research Centre Division of Solid State Physics, Trombay Mumbai - 400 085 Maharashtra	13.74	36
3779	Theoretical and experimental studies of suspensions of magnetic nanoparticles, their applications and generalizations	DST-IBC	Banerjee,V., Dr. (F) Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	45.48	36
3780	Topological phase transitions in quasi-two-dimensional magnets	DST-IBC	Dasgupta,T.S., Dr. (F) S.N. Bose National Centre for Basic Sciences Department of Condens, Matter Physica & Materials Science, Bidhannagar Kolkata - 700 106 West Bengal	23.68	36
3781	Ultrabright plasma-based gamma ray sources with petawatt laser pulses	DST-IBC	Kumar,P., Dr. (M) Lucknow University Department of Physics, Babuganj Lucknow - 226 007 Uttar Pradesh	14.05	36
3782	Ultrafast dynamics of excitons and charge carriers in the white-light- emitting quantum dots produced at low temperature	DST-IBC	Mehta,M.S., Dr. (M) Delhi Technological University Department of Applied Physics, Bawana Road, Rohini Delhi - 110 042 Delhi	19.75	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3783	Probing fundamental characteristics of extreme Astrophysical phenomena	DST-IMRC	Pabdey,S.B., Dr. (M) Aryabhatta Research Institute of Observational Sciences Udham Singh Nagar Nainital - 263 001 Uttarakhand	37.48	36
3784	Utilization of high fluence ion beam facility at Allahabad University, Allahabad	DST-MEGASC	Pandey,A.C., Dr. (M) Allahabad University Department of Physics Allahabad - 211 002 Uttar Pradesh	419.85	24
3785	Utilization of ion beam facility at the Kurukshetra University, Kurukshetra	DST-MEGASC	Aggarwal,S., Dr. (M) Kurukshetra University Department of Physics Kurukshetra - 136 119 Haryana	715.77	60
3786	A Beyesian approach for CBC parmeter reconstruction & tests of general relativity using amplitude corrected post Newtonian waveforms	DST-SERB-CRG	Sengupta,A.S., Dr. (M) Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 424 Gujarat	16.68	36
3787	A pursuit of prospective layer/olivine type electrode materials for sodium batteries	DST-SERB-CRG	Sivakumar,M., Dr. (M) Alagappa University Karaikudi - 630 003 Tamil Nadu	35.25	36
3788	Analytical and numerical simulation of growth & field emission properties of CNT-Graphene composites	DST-SERB-CRG	Sharma,S.C., Dr. (M) Delhi Technological University Shahbad Daulatpur, Main Bawana Road Delhi - 110 042 Delhi	23.94	36
3789	Anisotropy engineering in magnetic thin films and multilayer for possible applications	DST-SERB-CRG	Mohanty,J.R., Dr. (M) Indian Institute of Technology (Hyderabad) Department of Physics, Kandi Sangareddy - 502 205 Telangana	58.21	36
3790	Au decorated WO3/Graphene nanohybrids as high efficient photoelectrochemical water splitter for hydrogen production	DST-SERB-CRG	Ponpandian,N., Dr. (M) Bharathiar University Departmen of Nanoscience & Technology Coimbatore - 641 046 Tamil Nadu	46.46	36
3791	Core-shell nanowire/nanorods based device grade solid-state solar cell	DST-SERB-CRG	Sankapal,B.R., Dr. (M) Head Visvesvaraya National Institute of Technology (Nagpur) Department of Applied Physics, South Ambazari Road Nagpur - 440 010 Maharashtra	47.00	36
3792	Creating magnetic interface in non-magnetic organic thin films for spintronic applications	DST-SERB-CRG	Bedanta,S., Dr. (M) National Institute of Science Education & Research Bhubaneswar - 751 005 Odisha	60.76	36
3793	Darboux transformations, exceptional orthogonal polynomials & exactly solvable models	DST-SERB-CRG	Ranjani,S.S., Dr. (F) ICFAI Foundation for Higher Education Hyderabad - 501 203 Telangana	19.91	36
3794	Defects of high-k materials	DST-SERB-CRG	Jain,M., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	22.91	36
3795	Deposition of two-dimensional MoS_2 and WS_2 by RF magnetron sputtering and development of two-dimensional MoS_2 and WS_2 thin film transistors	DST-SERB-CRG	Saji,K.J., Dr. (M) Cochin University of Science & Technology Kochi - 682 022 Kerala	36.19	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3796	Deprivation of dye and pharmaceutical compound from textile and pharmaceutical industry waste water through pin-to-plate dielectric barrier discharge plasma assisted with activated catalysts for agricultural applications	DST-SERB-CRG	Pandiyaraj,N., Dr. (F) Sri Shakthi Institution of Engineering & Technology Coimbatore - 641 062 Tamil Nadu	34.26	36
3797	Design and development of Au/Ag doped polymer optical fibre laser with enhanced photo stability	DST-SERB-CRG	Madanan,K., Dr. (M) Cochin University of Science & Technology Ernakulam - 682 016 Kerala	44.26	36
3798	Design of eco-friendly, cost-effective supercapacitor from cobalt spinel hetro-structures with high efficiency & stability	DST-SERB-CRG	Mathivanan,P., Dr. (M) Chikkaiah Naicker College 50, Veerappanchatram, Ponnandi Gounder Street, Chinnapudur, Salem Erode - 636 007 Tamil Nadu	16.27	36
3799	Development and characterization of metal oxide nanostructures and nanocomposites for photocatalytic applications	DST-SERB-CRG	Nomitadevi,K., Dr. (F) Manipur University Canchipur Imphal - 795 003 Manipur	19.47	36
3800	Development of an efficient graphene based Cu2-xSbxTe nanocomposite for the conversion of waste heat into electricity	DST-SERB-CRG	Anbalagan,G., Dr. (M) Madras University Department of Nuclear Physics, Guindy Campus Chennai - 600 005 Tamil Nadu	47.39	36
3801	Development of antiferroelectric liquid crystalline materials for application in optical modulators with symmetric switching times	DST-SERB-CRG	Das,B.A., Dr. (M) Siliguri Institute of Technology Satyajit Sarani, Shibmandir, Siliguri Darjeeling - 734 009 West Bengal	38.36	36
3802	Development of ferroelectric thin film based photovoltaic cells	DST-SERB-CRG	Tomar,M., Dr. (F) Miranda House Delhi - 110 007 Delhi	31.53	36
3803	Development of flexible high energy density anode based on silicon-carbon hybrid nanofibrous membranes for lithium-ion battery applications	DST-SERB-CRG	Sundaray,B., Dr. (M) Ravenshaw University Department of Physics, College Square Cuttack - 753 003 Odisha	33.41	36
3804	Development of graphene and metal nanoparticles reinforced flexible polymer nanocomposites for effective Electromagnetic Interference (EMI) shielding applications	DST-SERB-CRG	Ahmed,M.B., Dr. (M) B.S. Abdur Rahman University Chennai - 600 048 Tamil Nadu	28.02	36
3805	Development of highly stable platinum free nanostructures for dye sensitized solar cell applications	DST-SERB-CRG	Jayavel,R., Dr. (M) Anna University Chennai - 600 025 Tamil Nadu	42.31	36
3806	Development of highly stable polymer: Fullerene bulk heterojunction solar cells using various nano-scale additives	DST-SERB-CRG	Chandrasekaran,J., Dr. (M) Associate Professor Sri Ramakrishna Mission Vidyalaya College of Arts & Science Department of Physics Coimbatore - 641 020 Tamil Nadu	33.11	36
3807	Development of ionic liquid polymer electrolyte based 400 mAh Lithium polymer rechargeable battery	DST-SERB-CRG	Singh,R.K., Dr. (M) Banaras Hindu University Department of Physics, Institute of Science Varanasi - 221 005 Uttar Pradesh	45.36	36
3808	Development of magnetic nanocomposites comprising Ba0.5Sr0.5Fe12O19/Y3Fe5O12 for permanent magnet applications	DST-SERB-CRG	Ezhil,V.R., Dr. (F) Vellore Institute of Technology University Vellore - 632 014 Tamil Nadu	30.84	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3809	Development of mulberry & non-mulberry silk of Assam as potential biomaterials for healthcare & bioengineering applications by using Atmospheric Dielectric Barrier Discharge (A-DBD) plasma	DST-SERB-CRG	Choudhury,A.J., Dr. (F) Tezpur University Department of Physics, Napaam Tezpur - 784 028 Assam	70.18	36
3810	Development of multifunctional materials for spintronic devices and sensor applications	DST-SERB-CRG	Dachepalli,R., Prof. (M) Osmania University Department of Physcis Hyderabad - 500 007 Telangana	31.20	36
3811	Development of noble metal free electro catalyst for direct oxidation of ethylene glycol in Direct Ethylene Glycol Fuel Cell (DEGFC)	DST-SERB-CRG	Basu,S., Dr. (M) National Institute of Technology (Durgapur) Department of Physics, Mahatma Gandhi Road Durgapur - 713 209 West Bengal	43.05	36
3812	Development of novel Bismuth (Bi) based double perovskite multiferroic ceramics for device applications	DST-SERB-CRG	Kurchania,R., Dr. (M) Maulana Azad National Institute of Technology (Bhopal) Department of Physics Bhopal - 462 051 Madhya Pradesh	48.33	36
3813	Development of novel cluster assembled materials from potential cluster motifs: A new insight under density functional investigation	DST-SERB-CRG	Roy,D.R., Dr. (M) Sardar Vallabhbhai National Institute of Technology (Surat) Department of Applied Physics Surat - 395 007 Gujarat	27.70	36
3814	Development of novel core-shell nanostructured gas sensor for room temperature Ammonia sensing	DST-SERB-CRG	Reddy,M.V.R., Dr. (M) Osmania University Hyderabad - 500 007 Telangana	42.53	36
3815	Development of novel thermoelectric module using doped and nanostructured ZnO based materials for energy generation	DST-SERB-CRG	Ashok,A.M., Ms. (F) P.S.G. Institute of Advanced Studies Coimbatore - 641 004 Tamil Nadu	50.86	36
3816	Development of sodium ion rechargeable coin cell micro- batteries for consumer electronic devices	DST-SERB-CRG	Majumder,S.B., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	41.56	36
3817	Development of transparent conducting oxide based fibre optic plasmonic hydrogen & ammonia sensors	DST-SERB-CRG	Potty,S.N., Dr. (M) Centre for Materials for Electronics Technology (C-MET) Thrissur - 680 011 Kerala	44.85	36
3818	Development of ultra low thermal conductivity high performance thermoelectric TIBiSe2 & TIBiS2 single crystals	DST-SERB-CRG	Aravinth,K., Dr. (M) S.S.N. College of Engineering Kalpakkam Chennai - 603 110 Tamil Nadu	24.30	36
3819	Dissipative hydrodynamical modeling for heavy ion collisions	DST-SERB-CRG	Chaudhuri,A.K., Dr. (M) Variable Energy Cyclotron Centre Vidya Nagari, Kalina Mumbai - 700 064 Maharashtra	19.33	36
3820	Domains in lead-free ferroelectrics: A transmission electron microscopy study	DST-SERB-CRG	Birajdar,B.I., Dr. (M) Jawaharlal Nehru University New Delhi - 110 067 Delhi	21.06	36
3821	Driven many particle systems in Physics & Biology	DST-SERB-CRG	Mukherjee,S., Dr. (F) CSIR-Central Food Technological Research Institute Department of Protein Chemistry & Technology Mysore - 570 020 Karnataka	15.56	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3822	Dynamical phases and phase transitions in spatially extended systems	DST-SERB-CRG	Gade,P.M., Dr. (M) Rashtrasant Tukadoji Maharaj Nagpur University Nagpur - 440 001 Maharashtra	21.16	36
3823	Earth abundant materials based nanoalloys encapsulated in carbon nanostructures for various applications	DST-SERB-CRG	Nanda,K.K., Dr. (M) Indian Institute of Science Materials Research Centre Bengaluru - 560 012 Karnataka	57.75	36
3824	Ecofriendly flexible CZTS solar cells	DST-SERB-CRG	John,T.T., Dr. (F) Assistant Professor Birla Institute of Technology & Science (Pilani) Department of Physics Zuarinagar - 403 726 Goa	29.26	36
3825	Electron and positron induced chemistry at the molecular level: Investigation through scattering studies	DST-SERB-CRG	Antony,B., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Applied Physics, Atomic & Molecular Physics Lab. Dhanbad - 826 004 Jharkhand	23.35	36
3826	Electro-optical response of nematic liquid crystals doped with nanorods	DST-SERB-CRG	Manjuladevi,V., Dr. (F) Birla Institute of Technology & Science (Pilani) Department of Physics Pilani - 333 031 Rajasthan	39.20	36
3827	Electro-structurally engineered perovskite tandem solar cells based on dual photon-trappers	DST-SERB-CRG	Shyla,M.J., Dr. (F) Loyola College Chennai - 600 034 Tamil Nadu	28.85	36
3828	Energy equilibration in fermi accelerators with finite wall mass	DST-SERB-CRG	Shah,K.K., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Electrical Enginenering, Bhopal Bypass Road, Bhauri Bhopal - 462 023 Madhya Pradesh	17.86	36
3829	Engineered 2-dimensional Transition Metal Dichalcogenide (TMD) nanostructures for efficient hydrogen generation	DST-SERB-CRG	Shaijumon,M.M., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Thiruvananthapuram - 695 551 Kerala	37.39	36
3830	Enhancing the thermal stability of chalcogenide phase-change materials for switching and memory applications	DST-SERB-CRG	Sharma,V., Dr. (M) Jaypee University of Information Technology Shimla - 173 234 Himachal Pradesh	20.07	36
3831	Entanglement and information in holographic field theories	DST-SERB-CRG	Sarkar,T., Dr. (M) Indian Institute of Technology (Kanpur) Department of Physics Kanpur - 208 016 Uttar Pradesh	20.61	36
3832	Experimental investigation on spin-orbit interaction in correlated systems	DST-SERB-CRG	De,S.K., Dr. (M) Indian Association for the Cultivation of Science Department of Materials Science Kolkata - 700 032 West Bengal	37.80	36
3833	Experiments for development of a technique for smooth directional etching of a graphene sheet	DST-SERB-CRG	Kumar,R., Dr. (M) Indian Institute of Technology (Ropar) Department of Physics, Nangal Road, Rupnagar Ropar - 140 001 Punjab	20.90	36
3834	Exploring alternative materials for anode of lithium ion battery by first principles calculations	DST-SERB-CRG	Murugan,P., Dr. (M) CSIR-Central Electrochemical Research Institute Karaikudi - 630 006 Tamil Nadu	28.40	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3835	Explosive oscillation suppression in coupled nonlinear oscillators	DST-SERB-CRG	Shrimali,M.D., Dr. (M) Central University of Rajasthan Department of Physics Kishangarh - 305 801 Rajasthan	20.79	36
3836	Fabrication & systematic investigation on novel nano crystalline quaternary Cu2ZnSnX4 (X=S, Se, Te) thin films as absorber layer for solar cell application by Silar method	DST-SERB-CRG	Asathbahadur,S., Dr. (M) Kalasalingam Academy of Research & Higher Education Kalasalingam University Krishnankoil - 626 126 Tamil Nadu	18.64	36
3837	Fabrication of cost effective dye sensitized solar cells with platinum free counter electrode & bi-functional upconversion photo electrodes	DST-SERB-CRG	Raghavender,M., Dr. (M) Assistant Professor Yogi Vermana University Department of Physics, Ganganupalle Kadapa - 516 005 Andhra Pradesh	29.43	36
3838	Facile synthesis of Copper (I)/Copper (II) - based metal ternary oxide nanocomposites & their photoelectrochemical performance	DST-SERB-CRG	Mohanraj,K., Dr. (M) Manonmaniam Sundaranar University Abishekapatti Tirunelveli - 627 012 Tamil Nadu	16.67	36
3839	Free fermions & quantum gravity	DST-SERB-CRG	Dutta,S., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Physic, Bhopal Bypass Road, Bhari Bhopal - 462 023 Madhya Pradesh	17.34	36
3840	Functional domains and site correlation networks in evolving protein families	DST-SERB-CRG	Deo,N., Dr. (F) Delhi University Delhi - 110 007 Delhi	23.83	36
3841	Galactic evolution of neutron-capture elements: Insight from chemical analysis of carbon-enhanced metal-poor stars	DST-SERB-CRG	Goswami,A., Dr. (F) Indian Institute of Astrophysics Bengaluru - 560 034 Karnataka	17.99	36
3842	Graphene oxide decorated metal oxide thin films on flexible substrates for high performance electrochromic & supercapacitor applications	DST-SERB-CRG	Ganesan,R., Dr. (M) Alagappa University Karaikudi - 630 003 Tamil Nadu	35.54	36
3843	Growth of optical quality stilbene and triphenyl derivatives for high-energy neutron detection	DST-SERB-CRG	Paulraj,R., Dr. (M) Assistant Professor S.S.N. College of Engineering Department of Physics, Kalavakkam Chennai - 603 110 Tamil Nadu	19.51	36
3844	Heterojunction nanowire arrays for photovoltaic devices	DST-SERB-CRG	Chaure,S.N., Dr. (F) College of Engineering Shivaji Nagar Pune - 411 005 Maharashtra	24.20	36
3845	Hierarchical hybrid micro/nano-textured monocrystalline silicon and polymer anti-reflective surfaces for high efficiency solar cells	DST-SERB-CRG	Pal,P., Dr. (M) Indian Institute of Technology (Hyderabad) Sangareddy - 502 205 Telangana	28.78	36
3846	Hydrogen storage using 2D chalcogenide and graphene layered materials	DST-SERB-CRG	Hazra,S.K., Dr. (M) Jaypee Institute of Information Technology Department of Physics & Materials Science Solan - 173 234 Himachal Pradesh	32.23	36
3847	Improving corrosion resistance of magnesium alloys against wet enviroment by different protective coatings	DST-SERB-CRG	Thangadurai,P., Dr. (M) Pondicherry University Centre for Nanoscience & Technology, R.V, Nagar, Kalapet Puducherry - 605 014 Puducherry	37.66	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3848	Inferring nonlinear and stochastic dynamics of flocking systems from real data	DST-SERB-CRG	Guttal,V., Dr. (M) Indian Institute of Science Centre for Ecological Sciences Bengaluru - 560 012 Karnataka	41.99	36
3849	Interplay between single particle and collective excitation in k isotopes	DST-SERB-CRG	Bisoi,A., Dr. (M) Indian Institute of Engineering Science & Technology Shibpur Howrah - 711 103 West Bengal	33.68	36
3850	Interrogation of proteins in matrix by stain free Light Emitting Diode (LED) induced auto fluorescence	DST-SERB-CRG	Mahato,K.K., Dr. (M) Manipal University Department of Biophysics, School of Sciences, Manipal University Manipal - 576 104 Karnataka	28.62	36
3851	Investigation of the properties of 2-D materials for the device fabrication and its biosensing application	DST-SERB-CRG	Sharma,K., Dr. (F) Goswami Ganesh Dutta Sanatan Dharma College Department of Physics Chandigarh - 160 014 Chandigarh	24.31	36
3852	Investigation on the prospects of hydrothermal-synthesized ZnO nanostructures for UV photodetection	DST-SERB-CRG	Ghosh,R., Dr. (M) CSIR-Central Mechanical Engineering Research Institute Mahatma Gandhi Avenue Durgapur - 713 209 West Bengal	34.81	36
3853	Investigations of microwave absorption properties of some magnetic nanoparticles encapsulated in multi-walled carbon nanotubes and/or graphene	DST-SERB-CRG	Chakrabarti,P.K., Dr. (M) Burdwan University Burdwan - 713 101 West Bengal	55.35	36
3854	Investigations of the effects of photon up-conversion materials on the electrical performance of ferroelectric/semiconductor heterojunction photovoltaic devices	DST-SERB-CRG	Kundu,S., Dr. (M) Birla Institute of Technology & Science (Pilani) Department of Electrical & Electronics Engineering, Jawahar Nagar, Shameerpet Mandal Hyderabad - 500 078 Telangana	35.64	36
3855	Localization & flow of information in quantum computing & open quantum dyamamics	DST-SERB-CRG	Shaji,A., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Thiruvananthapuram - 695 551 Kerala	21.03	36
3856	Lyotropic liquid crystalline materials for capacitive devices and as a water free soft templates to develop nanostructures	DST-SERB-CRG	Shukla,R.K., Dr. (M) Dehradun Institute of Technology Makka Wala Dehradun - 248 009 Uttarakhand	39.31	36
3857	Magnetars with superfluid core	DST-SERB-CRG	Saha,M., Dr. (F) Indian Institute of Technology (Jodhpur) Jodhpur - 342 037 Rajasthan	20.60	36
3858	Magnetic nanoparticles for memory applications	DST-SERB-CRG	Angappane,S., Dr. (M) Centre for Nano & Soft Matter Sciences Professor U.R.Rao Road, Jalahalli Bengaluru - 560 013 Karnataka	23.44	36
3859	Metal oxide nanostructures for chemo resistive gas sensors for breath analysis	DST-SERB-CRG	Kumar,K.R., Prof. (M) Cochin University of Science & Technology Department of Instrumentation Kochi - 682 022 Kerala	25.78	36
3860	Microwave plasma generated low energy ion beams & their interaction with matter for modification of wettability & optical properties	DST-SERB-CRG	Bhattacharjee,S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur Nagar Kanpur - 208 016 Uttar Pradesh	20.11	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3861	Microwave synthesis & characterization of zinc aluminate based nanophosphors for display & biomedical applications	DST-SERB-CRG	Anila,E.I., Dr. (F) Union Christian College Ernakulam - 683 102 Kerala	24.09	36
3862	Multimodal low coherence optical microscope for microfluidics imaging applications	DST-SERB-CRG	John,R., Dr. (F) Indian Institute of Technology (Hyderabad) Department of Biomedical Engineering Sangareddy - 502 205 Telangana	38.68	36
3863	Nanoequilibrium statistical physics of reaction diffusion & threshold activated driven systems	DST-SERB-CRG	Sen,P., Dr. (F) Calcutta University Kolkata - 700 073 West Bengal	18.09	36
3864	Nanostructured hybrid materials for energy harvesting	DST-SERB-CRG	Rahman,A., Dr. (M) Indian Institute of Science Education & Research (Pune) Department of Physcis , Dr. Homi Bhabha Road, Ward No.8, Pashan Pune - 411 008 Maharashtra	63.80	36
3865	Nanostructured nickel cobaltite - Graphene composited for high performance supercapacitor applications	DST-SERB-CRG	Suryavanshi,S.S., Dr. (M) Solapur University School of Physical Sciences Solapur - 413 255 Maharashtra	40.37	36
3866	Near UV excitable, rare earth/transition metal ions activated Ba2CaZn2Si6O17 phosphor for white light emitting diode applications	DST-SERB-CRG	Kennedy,S.M.M., Dr. (M) S.S.N. College of Engineering No.4, III Main Road, Annaji Nagar, K.K. Nagar, Kalpakkam Chennai - 603 110 Tamil Nadu	17.94	36
3867	Non thermal atmospheric pressure plasma jet for cancer treatment applications	DST-SERB-CRG	Parashar,S.K.S., Dr. (M) Kalinga Institute of Industrial Technology University School of Applied Sciences Bhubaneswar - 751 024 Odisha	76.16	36
3868	Novel rare earth free permanent magnets for clean energy applications	DST-SERB-CRG	Kumar,M., Dr. (M) Kurukshetra University Department of Physics Kurukshetra - 136 119 Haryana	25.29	36
3869	Null geodesics around strong gravitational sources	DST-SERB-CRG	Nandan,H., Dr. (M) Gurukula Kangri University Department of Physics, Jagjeetpur Haridwar - 249 404 Uttarakhand	17.73	36
3870	Optical-waveguide sensor for accurate detection of bio-contaminant in drinking water	DST-SERB-CRG	Tripathi,S.M., Dr. (M) Indian Institute of Technology (Kanpur) Department of Physics Kanpur - 208 016 Uttar Pradesh	60.76	36
3871	Panchromatic temporal characterization of classical Be-Stars	DST-SERB-CRG	Paul,K.T., Prof. (M) Christ University Department of Physics, Hosur Main Road, Bhavani Nagar Bengaluru - 560 029 Karnataka	7.35	36
3872	Phtovoltaic effect in oxygen vacancy-controlled Bi1-xAxFeO3-d (A=Ca2+K+, Cs+) perovskite: Polarization modulated & nanoparticular sensitized solar cells	DST-SERB-CRG	Chandran,S., Dr. (M) Indian Institute of Technology (Madras) Chennai - 600 036 Tamil Nadu	45.28	36
3873	Physics of radio bright gamma ray burst after glows	DST-SERB-CRG	Lekshmi,R., Dr. (F) Indian Institute of Space Science & Technology Thiruvananthapuram - 695 547 Kerala	20.55	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3874	Plasma based synthesis of materials for plasmonic infrared photodetector	DST-SERB-CRG	Pal,A.R., Dr. (M) Institute of Advanced Study in Science & Technology Paschim Boragaon, Garchuk Guwahati - 781 035 Assam	83.20	36
3875	Probing of lanthanide doped nano-materials (LnF3, NaFnF4: Ln=Y, Gd) as spectral convertor for next generation highly efficient photovoltaic applications	DST-SERB-CRG	Dash,S., Dr. (M) National Institute of Technology (Rourkela) Department of Physics & Astronomy Rourkela - 769 008 Odisha	32.89	36
3876	Quantum diffusion of the intersoliton distance in a Gross-Pitaevskii breather	DST-SERB-CRG	Datta,S., Dr. (F) ICFAI Foundation for Higher Education Hyderabad - 501 203 Telangana	9.61	36
3877	Relativistic correlation & quantum electrodynamics effects on the radiative decay of highly stripped few-electron ions	DST-SERB-CRG	Natarajan,L., Dr. (F) Mumbai University Vidhya Nagar, Santacruz East Mumbai - 400 098 Maharashtra	20.76	36
3878	Ruling of surface morphology and electrochemical behavior of lithium metal phosphate thin film for energy storage application	DST-SERB-CRG	Kumar,N.S., Dr. (M) Assistant Professor Chikkaiah Naicker College Erode - 638 004 Tamil Nadu	23.15	36
3879	Search for signatures of gravity theories beyond Einstein	DST-SERB-CRG	Sengupta,S., Dr. (M) Indian Association for the Cultivation of Science 2A & 2B Raja S .C. Mullick Road, Jadavpur Kolkata - 700 032 West Bengal	19.06	36
3880	Spectral division multiplexing for multipoint sensing in a FBG sensor network	DST-SERB-CRG	Chelliah,P., Dr. (M) Ramakrishna Mission Vivekananda College Mylapore Chennai - 600 004 Tamil Nadu	37.67	36
3881	Structural & charge carrier dynamics study of heavy metal oxide based nanostructures for futuristic electrolyte application in SOFC	DST-SERB-CRG	Dutta,A., Dr. (M) Burdwan University Department of Physics Burdwan - 713 101 West Bengal	21.74	36
3882	Structural properties and astrophysical applications of quantum fluids	DST-SERB-CRG	Bhar,R., Dr. (M) Jadavpur University Department of Instrumentation Science, Centre for Plasma Studies, 188, Raja S.C. Mallick Road Kolkata - 700 032 West Bengal	32.64	36
3883	Studies on bifunctional (Wetting-dewetting & biophotonic colouration) properties of certain natural systems of biological origin	DST-SERB-CRG	Mohanta,D., Dr. (M) Tezpur University Department of Physics, P.O. Napaam Tezpur - 784 028 Assam	43.67	36
3884	Studies on novel visible up- conversion luminescent rare earth doped nanophosphors for bio-photonic applications	DST-SERB-CRG	Rao,A.S., Dr. (M) Delhi Technological University Shahbad Daulapur, Main Baware Road Delhi - 110 042 Delhi	36.48	36
3885	Study of electromagnetically induced transparency & absorption using Rydberg states of Rb excited with diode lasers	DST-SERB-CRG	Natarajan,V., Dr. (M) Indian Institute of Science Department of Physics Bengaluru - 560 012 Karnataka	61.36	36
3886	Study of gasoline quality in Aizawl & its impact on vehicular tail-pipe emission	DST-SERB-CRG	Thanga,H., Dr. (M) Mizoram University Department of Physics Aizawal - 796 004 Mizoram	24.44	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3887	Study of scalar perturbations in cosmological models of dark energy	DST-SERB-CRG	Das,S., Dr. (F) Visva Bharati University Department of Physics, Siksha Bhavana Santiniketan - 731 235 West Bengal	17.54	36
3888	Study of strain mediated electrical control over Magnetism in Ferromagnetic/Ferroelectric Hetrostructure	DST-SERB-CRG	Dayal,V., Dr. (F) Maharashtra Institute of Technology Mysore - 571 438 Karnataka	33.12	36
3889	Study of surface and lamb type wave propagation in the context of size dependent piezoelectricity	DST-SERB-CRG	Kumar,S., Dr. (M) Thapar University Adrash Nagar, Prem Nagar Patiala - 147 004 Punjab	19.58	36
3890	Study of the energy transfer between fluorescent proteins & synthesized a few noble metal nanoparticles of different size & shape	DST-SERB-CRG	Das,R., Dr. (M) Tripura University Department of Physics, Suryamani Nagar Agartala - 799 022 Tripura	28.74	36
3891	Superconductor-exchange spring-superconductor junctions for tunable spin-triplet supercurrent devices	DST-SERB-CRG	Senapati,K., Dr. (M) National Institute of Science Education & Research School of Physical Sciences, P.O. Jatni, Khurd Bhubaneswar - 751 005 Odisha	62.96	36
3892	Surface modification for sensitivity and selectivity enhancement of nanostructured ZnO towards wide range Ammonia detection	DST-SERB-CRG	Jeyaprakash,B.G., Dr. (M) SASTRA University Tiruvannamalai - 613 401 Tamil Nadu	21.50	36
3893	Synthesis and characterization of novel 2D metal carbides (Mxenes) for energy conversion and storage applications	DST-SERB-CRG	Pandey,O.P., Dr. (M) Thapar University Patiala - 147 004 Punjab	40.66	36
3894	Synthesis of hybrid structure of graphene and transition metal dichalcogenides for photodetection application	DST-SERB-CRG	Srivastava,A., Dr. (F) Banaras Hindu University Department of Physcis Varanasi - 221 005 Uttar Pradesh	37.77	36
3895	Synthesis of organic nano fibers for nonlinear optical applications	DST-SERB-CRG	Ramamoorthi,N., Dr. (F) National Institute of Technology (Tiruchirapalli) Tiruchirappalli - 620 015 Tamil Nadu	27.06	36
3896	Synthesis of triazolopyrimidine-based iridinium (III) complexes: Application to the fabrication of OLEDs	DST-SERB-CRG	Das,T.D., Dr. (M) National Institute of Technology (Arunachal Pradesh) Papumpare - 791 111 Arunachal Pradesh	50.93	36
3897	Synthesis, structural and optical characterization of rare earth doped transparent glasses & glass-ceramics for fiber laser applications	DST-SERB-CRG	Jamalaiah,B.C., Mr. (M) Rajiv Gandhi Memorial College of Engineering & Technology Kurnool - 518 501 Andhra Pradesh	20.12	36
3898	Tailoring the phonon environment of embedded Rydberg aggregates	DST-SERB-CRG	Wuster,S., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bhopal Bypass Road, Bhauri Bhopal - 462 023 Madhya Pradesh	16.39	36
3899	Testing bouncing models with CMB anisotropy	DST-SERB-CRG	Panda,S., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Department of Physics, Bhopal Bypass Road, Bhauri Bhopal - 462 023 Madhya Pradesh	17.95	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3900	Testing gravity in the strong- field regime using gravitational wave observations	DST-SERB-CRG	Arun,K.G., Dr. (M) Chennai Mathematical Institute Sipcot IT Park, Siruseri Chennai - 603 103 Tamil Nadu	26.64	36
3901	Theoretical & experimental spectroscopic investigation of Astrophysically relevant polycyclic aromatic hydrocarbon molecules	DST-SERB-CRG	Pathak,A., Dr. (M) Tezpur University Department of Physics Tezpur - 784 028 Assam	49.13	36
3902	Theoretical and observational aspects of compact objects	DST-SERB-CRG	Paul,B.C., Dr. (M) North Bengal University Department of Physics Darjeeling - 734 013 West Bengal	16.87	36
3903	Theoretical study of spin-orbit driven emergent phenomena in strongly correlated systems	DST-SERB-CRG	Dasgupta,I., Dr. (F) Indian Association for the Cultivation of Science Kolkata - 700 032 West Bengal	42.82	36
3904	Thin film solar cells using eco-friendly and earth-abundant semiconductors employing vacuum-free technique	DST-SERB-CRG	Vijayakumar,K.P., Dr. (M) Emeritus Scientist Cochin University of Science & Technology Department of Physics Ernakulam - 682 016 Kerala	29.96	36
3905	Topological states of superconducting nanowires and interacting light-matter systems at nano scales	DST-SERB-CRG	Sarkar,S., Dr. (M) Poornaprajna Institute of Scientific Research Bengaluru - 560 080 Karnataka	17.34	36
3906	Tuning of SPR of metal- fullerene nanocomposite by thermal treatment	DST-SERB-CRG	Singhal,R., Dr. (M) Malaviya National Institute of Technology (Jaipur) Department of Physics, Malviya Nagar, J.L.N. Marg Jaipur - 302 017 Rajasthan	29.35	36
3907	Ultrathin 2D-Nanomaterials for cancer diagnostic application	DST-SERB-CRG	Puri,N.K., Dr. (M) Delhi Technological University Department of Applied Physics Delhi - 110 042 Delhi	49.68	36
3908	Understanding dynamics of magneto structural coupling in Manganese intermetallics exhibiting first order transition	DST-SERB-CRG	Priolkar,K.R., Dr. (M) Goa University Department of Physics Taleigo Plateau - 403 208 Goa	41.16	36
3909	Understanding of the Quantum Chromo Dynamics (QCD) at low momentum transfer through a rare decay of light meson with experimental facility WASA-at-COSY	DST-SERB-CRG	Lalwani,K., Dr. (F) Malaviya National Institute of Technology (Jaipur) Department of Physics, Jawaharlal Nehru Marg, Malviya Nagar Jaipur - 302 017 Rajasthan	21.05	36
3910	Utilization of novel Carbon Quantum Dots (CQDs) as acceptor component in hybrid photovoltaic: A solution based approach	DST-SERB-CRG	Mohanta,K., Dr. (M) P.S.G. Institute of Advanced Studies Coimbatore - 641 004 Tamil Nadu	45.63	36
3911	Vacuum deposition of fluorinated zinc phthalocyanine & oligothiophene based plasmonic tandem solar cell	DST-SERB-CRG	Ray,P.P., Dr. (M) Jadavpur University Kolkata - 700 032 West Bengal	46.14	36
3912	X-ray/UV relationship in narrow line Seyfer 1 galaxy	DST-SERB-CRG	Sarma,R., Dr. (M) Hojai College Nagaon - 782 435 Assam	18.00	36
3913	A class of nonlocal doubly singular boundary value problems with Riemann Stieltjes integral type boundary conditions	DST-SERB-ECRA	Barnwal,A.K., Dr. (M) Madan Mohan Malaviya University of Technology Gorakhpur - 273 008 Uttar Pradesh	18.74	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3914	Active and passive transport inside cells a theoretical study	DST-SERB-ECRA	Nandi,A., Dr. (F) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	24.15	36
3915	Anomalous heat transport in open classical interacting many particle systems	DST-SERB-ECRA	Kundu,A., Dr. (M) International Centre for Theoretical Sciences Bengaluru - 560 089 Karnataka	21.19	36
3916	Application of Kneading theory in Iterative root problems	DST-SERB-ECRA	Murugan,V., Dr. (M) National Institute of Technology (Karnataka) Surathkal - 575 025 Karnataka	4.18	36
3917	Braided quantum groups and noncommutative Geometry	DST-SERB-ECRA	Roy,S., Dr. (F) National Institute of Science Education & Research Bhubaneswar - 751 005 Odisha	14.81	36
3918	Cartilage mechanics: Multiscale modeling, analysis and scientific computing	DST-SERB-ECRA	Sircar,S., Dr. (M) Indraprastha Institute of Information Technology New Delhi - 110 020 Delhi	21.91	36
3919	Characterizing the sets of periodic points of automorphisms on a solenoid	DST-SERB-ECRA	Gopal,S., Dr. (M) Birla Institute of Technology & Science (Pilani) Hyderabad - 500 078 Telangana	19.98	36
3920	Closure approach using higher central moments in Mathematical ecology influence of fluctuating environment in ecosystems	DST-SERB-ECRA	Priyadarshi,A., Dr. (F) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	23.87	36
3921	Collection of self propelled particles in inhomogeneous environment numerical and analytical studies	DST-SERB-ECRA	Mishra,S., Dr. (F) Indian Institute of Technology (BHU) Varanasi - 221 005 Uttar Pradesh	24.60	36
3922	Collective dynamics of microscale swimmers and crawlers	DST-SERB-ECRA	Chelakkot,R., Dr. (M) Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	29.56	36
3923	Design and development of foldable, lightweight, low cost CNT/sulfur nanocomposite electrodes for high energy storage Li S battery	DST-SERB-ECRA	Tripathi,B., Dr. (M) S.S. Jain Subodh P.G. College Jaipur - 302 004 Rajasthan	27.90	36
3924	Development of a novel efficient and low cost process for water treatment using graphene oxide nanoparticles with real time zero discharge effluent technique	DST-SERB-ECRA	Venugopal,G., Dr. (M) Central University of Tamil Nadu Thiruvarur - 610 005 Tamil Nadu	37.95	36
3925	Development of charge-transfer nanohybrids of 2D transition metal dichalcogenides to fabricate flexible thin film devices	DST-SERB-ECRA	Das,B.C., Dr. (M) Indian Institute of Science Education & Research (Trivandrum) Thiruvananthapuram - 695 551 Kerala	23.10	36
3926	Distance based topological indices problems in cheminformatics and its applications	DST-SERB-ECRA	Sundararajan,R., Dr. (M) Hindustan Institute of Technology & Science Kanchipuram - 603 103 Tamil Nadu	14.69	36
3927	Effect of time delay in spatio-temporal models and their applications in biology	DST-SERB-ECRA	Gupta,R.P., Dr. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	17.76	36
3928	Elasticity of telomeric DNA and the effect of human TRF1 protein binding	DST-SERB-ECRA	Garari,A., Dr. (M) L.N.M. Institute of Information Technology Jaipur - 302 031 Rajasthan	26.65	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3929	Electronic structure evolution across quantum critical points in Li (Ti1- XVx)2O4 and (Li1-XZnx)V2O4	DST-SERB-ECRA	Patil,S., Dr. (F) Indian Institute of Technology (BHU) Varanasi - 221 005 Uttar Pradesh	55.00	36
3930	Elliptic and Siegel cusp forms: Fourier coefficients and L-functions	DST-SERB-ECRA	Shankhadhar,K.D., Dr. (M) Indian Institute of Science Education & Research (Bhopal) Bhopal - 462 023 Madhya Pradesh	16.90	36
3931	External stimulus tunable random lasing based on magnetic soft matter	DST-SERB-ECRA	Laskar,J.M., Dr. (M) S.R.M. University Kattankulathur - 603 203 Tamil Nadu	48.41	36
3932	Fabrication and characterization of hybrid organic inorganic nanocomposite thin films for photovoltaic application	DST-SERB-ECRA	Banerjee,R., Dr. (F) Indian Institute of Technology (Gandhinagar) Gandhinagar - 382 424 Gujarat	37.14	36
3933	Fabrication of performance enhanced solid oxide fuel cell based on strained Gd doped CeO_2 electrolyte	DST-SERB-ECRA	Kant,K.M., Dr. (M) Visvesvaraya National Institute of Technology (Nagpur) Nagpur - 440 010 Maharashtra	37.40	36
3934	Fault tolerant: Quantum computing with holographic error correcting codes	DST-SERB-ECRA	Prakash,S., Dr. (M) Dayalbagh Educational Institute Agra - 282 002 Uttar Pradesh	19.17	36
3935	Graphene nanoribbons for electronic and electrochemical sensing applications	DST-SERB-ECRA	Kumar,S., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	36.13	36
3936	Heterostructural growth and characterization of III-nitrides on graphene template for electronic and optoelectronic applications	DST-SERB-ECRA	Balaji,M., Dr. (M) Madras University Chennai - 600 005 Tamil Nadu	49.68	36
3937	Holography for asymptotically flat spacetimes	DST-SERB-ECRA	Baghchi,A., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	17.10	36
3938	Hybrid 2D MoS2 nanosheets for phototcatalytic water purifications	DST-SERB-ECRA	Khanuja,M., Dr. (F) Jamia Millia Islamia New Delhi - 110 025 Delhi	30.98	36
3939	Investigation of forming free resistive switching in functional oxide thin films and heterostructures compatible to silicon technology	DST-SERB-ECRA	Chaudhuri,A.R., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	26.38	36
3940	Investigation of fusion-fission reaction dynamics in heavy ion interactions	DST-SERB-ECRA	Singh,D.P., Dr. (M) University of Petroleum & Energy Studies Dehradun - 248 007 Uttarakhand	16.90	36
3941	Investigation of graphene modified metal oxide thin films for solar selective absorbers	DST-SERB-ECRA	Kumar,S.K., Dr. (M) Sethu Institute of Technology Virudhunagar - 626 115 Tamil Nadu	27.35	36
3942	Iwasawa theory over P-Adic lie extensions	DST-SERB-ECRA	Jha,S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	17.85	36
3943	Laser cooling and trapping of rubidium atom and superflash of light using the narrow 5S1/2 →6P3/2 transition at 420 Nm	DST-SERB-ECRA	Pandey,K., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	34.07	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3944	Lead free inorganic halide perovskite nanostructures for solution processable photovoltaic cell	DST-SERB-ECRA	Kushwaha,A.K., Dr. (M) Indian Institute of Technology (Indore) Indore - 452 011 Madhya Pradesh	31.35	36
3945	Low cost, novel all solid state thin film lithium ion micro batteries for energy application	DST-SERB-ECRA	Karuppanam,K.B., Dr. (F) S.R.M. University Kattankulathur - 603 203 Tamil Nadu	38.90	36
3946	Magnetolelectric copling in alternate multi nano layers of ferroelectric and ferromagnetic materials on planner and stepped interface terminations	DST-SERB-ECRA	Verma,V.K., Dr. (M) Madanapalle Institute of Technology & Science Chittoor - 517 325 Andhra Pradesh	34.50	36
3947	Mathematical modeling of ecological systems: An application to the Biological Science	DST-SERB-ECRA	Raw,S.N., Dr. (F) National Institute of Technology (Raipur) Raipur - 492 010 Chhattisgarh	20.29	36
3948	Mathematical modeling of tumor immune competitive systems: Model analysis and validation	DST-SERB-ECRA	Khajanchi,S., Dr. (M) Bankura University Bankura - 722 155 West Bengal	22.59	36
3949	Mathematical Simulations of nanoparticles as drug carrier on blood flow through a stenotic artery	DST-SERB-ECRA	Buddakkagari,V., Dr. (M) Motilal Nehru National Institute of Technology (Allahabad) Allahabad - 211 004 Uttar Pradesh	22.81	36
3950	Modeling and simulation of moored ship motion in paradip port under the resonance conditions for multidirectional random waves	DST-SERB-ECRA	Kumar,P., Dr. (M) National Institute of Technology (Delhi) New Delhi - 110 040 Delhi	18.02	36
3951	Modelling & simulation of three-dimensional magnetohydrodynamic nanofluid flows over a stretching surface	DST-SERB-ECRA	Nandkeolyar,R., Dr. (M) Thapar University Patiala - 147 004 Punjab	17.47	36
3952	Molecular structure and vibrational dynamics of ionic liquids and their binary mixtures with solvents	DST-SERB-ECRA	Singh,D.K., Dr. (M) Institute of Infrastructure Technology Research & Management Ahmedabad - 380 026 Gujarat	47.53	36
3953	Multi scale modelling in human carotid artery	DST-SERB-ECRA	Singh,S., Dr. (F) Doon University Dehradun - 248 012 Uttarakhand	34.05	36
3954	Novel memristors based on lead free ferroelectric-semiconductor heterostructures	DST-SERB-ECRA	Sekhar,K.C., Dr. (M) Central University of Tamil Nadu Thiruvarur - 610 005 Tamil Nadu	46.20	36
3955	On the investigation of relation between classical integral transforms and wavelet transforms on the distribution spaces	DST-SERB-ECRA	Singh,A., Dr. (M) Amity University Noida - 201 303 Uttar Pradesh	13.60	36
3956	Optofluidic platform for controlled droplet manipulation	DST-SERB-ECRA	Varanakkottu,S.N., Dr. (M) National Institute of Technology (Kozhikode) Kozhikode - 673 600 Kerala	46.76	36
3957	Preparation of high energy electrode materials from ordered double hydrophilic block copolyelectrolyte nanostructures	DST-SERB-ECRA	Murugaboopathy,S., Dr. (M) Prist University Thanjavur - 613 403 Tamil Nadu	21.72	36
3958	Quantum mechanics of bicomplex hamiltonian systems	DST-SERB-ECRA	Banerjee,A., Dr. (M) Krishna University Murshidabad - 742 101 West Bengal	18.26	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3959	Robust adaptive mesh methods for singularly perturbed problems in ordinary and partial differential equations	DST-SERB-ECRA	Kumar,S., Dr. (M) Indian Institute of Technology (BHU) Varanasi - 221 005 Uttar Pradesh	20.95	36
3960	Sequential estimation of survey parameters with pre specified accuracy	DST-SERB-ECRA	Chattopadhyay,B., Dr. (M) Indian Institute of Information Technology Vadodara - 382 028 Gujarat	5.29	36
3961	Smart magnetic media for spin wave based devices	DST-SERB-ECRA	Haldar,A., Dr. (M) Indian Institute of Technology (Hyderabad) Sangareddy - 502 205 Telangana	50.45	36
3962	Solar energy harvesting using exotic metal nanoparticle periodically segmented TiO_2 hybrids for photocatalytic applications	DST-SERB-ECRA	Sharma,H., Dr. (F) Doon University Dehradun - 248 001 Uttarakhand	47.19	36
3963	Some methods for classification and clustering of functional data	DST-SERB-ECRA	Dutta,S., Dr. (M) Indian Institute of Technology (Kanpur) Kanpur - 208 016 Uttar Pradesh	16.98	36
3964	Some problems in Spectral Graph theory and Matrix theory	DST-SERB-ECRA	Khanna,R.M., Dr. (M) Indian Institute of Technology (Kharagpur) Kharagpur - 721 302 West Bengal	15.87	36
3965	Studies on TCO/TiO_2 and TiO2/$CH_3NH_3SnI_3$ interaces deposited by sputtering and spin coating for perovskite type solar cell application	DST-SERB-ECRA	Bellam,J.B., Dr. (M) Madanapalle Institute of Technology & Science Chittoor - 517 325 Andhra Pradesh	35.59	36
3966	Study on local cohomology by using theory of D-modules	DST-SERB-ECRA	Singh,J., Dr. (F) Visvesvaraya National Institute of Technology (Nagpur) Nagpur - 440 010 Maharashtra	6.04	36
3967	Substrate mediated phase transition in two dimensional liquid crystal systems	DST-SERB-ECRA	Deb,D., Dr. (M) Thapar University Patiala - 147 004 Punjab	26.45	36
3968	Synthesis of disordered perovskite manganites and effect of a site doping on its mangnetocaloric effect: A complete systematic study	DST-SERB-ECRA	Murugeswari,A., Dr. (F) Anna University Chennai - 600 025 Tamil Nadu	25.26	36
3969	Theoretical investigation of magnetism at different length scales	DST-SERB-ECRA	Mohakud,S., Dr. (F) Indian Institute of Science Education & Research (Tirupati) Tirupati - 517 507 Andhra Pradesh	38.13	36
3970	Theoretical investigations of high energy optical conductivity and anomalous spectral weight transfer in cuprates and other strongly correlated electron systems	DST-SERB-ECRA	Gupta,S.S., Dr. (F) Shiv Nadar University Gautam Budh Nagar Noida - 201 314 Uttar Pradesh	20.79	36
3971	Theoretical studies of quantum phase transitions of dipolar bosons in frustrated and flatband lattices	DST-SERB-ECRA	Mishra,T., Dr. (M) Indian Institute of Technology (Guwahati) Guwahati - 781 039 Assam	32.06	36
3972	Unveiling mergers of galaxy clusters with radio halos/relics: Using high fidelity radio and X-Ray observations	DST-SERB-ECRA	Dutta,A., Dr. (M) Indian Institute of Technology (Indore) Indore - 452 011 Madhya Pradesh	35.54	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

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3973	A large volume furnance for insitu high temperature powder x-ray diffraction studies	DST-SERB-EMEQ	Karuppannan,R., Dr. (M) Indian Institute of Science Department of Physics Bengaluru - 560 012 Karnataka	38.87	36
3974	Conducting polymer based electrode materials for supercapacitors	DST-SERB-EMEQ	Paramanandam,T., Dr. (M) Central Power Research Institute P. B. No. 8066, C.V. Raman Road, Sadhasiva Nagar Bengaluru - 560 080 Karnataka	23.06	36
3975	Designing & development of high efficiency inverted organic solar cells	DST-SERB-EMEQ	Kumar,L., Dr. (M) Delhi University Hndu College Delhi - 110 007 Delhi	40.96	36
3976	Development of microcontroller based humidity meter to monitor the quality of tea in north eastern India	DST-SERB-EMEQ	Saha,D., Dr. (M) CSIR-Central Glass & Ceramic Research Institute 196, Raja S.C. Mullick Road Kolkata - 700 032 West Bengal	30.08	36
3977	Development of nano-bioactive glass-ceramic powders for tissue engineering applications	DST-SERB-EMEQ	Syamprasad,P., Dr. (M) National Institute of Technology (Warangal) Department of Physics Warangal - 506 004 Telangana	32.63	36
3978	Development of novel electrode material for supercapacitor applications	DST-SERB-EMEQ	Chand,P., Dr. (M) National Institute of Technology (Kurukshetra) Department of Physics Kurukshetra - 136 119 Haryana	41.32	36
3979	Development of surface plasmon resonance ellipsometry as label-free optical biosensor for ultrasensitive detection of chemical & biological species	DST-SERB-EMEQ	Singh,M.R., Dr. (M) Indian Institute of Technology (Dhanbad) Department of Applied Physics Dhanbad - 826 004 Jharkhand	37.06	36
3980	Experimental & DFT study on reduced graphene based hybrid nanostructures for hydrogen evolution & energy storage applications	DST-SERB-EMEQ	Anbarasan,P.M., Dr. (M) Periyar University Omalur Main Road, Karuppur Salem - 636 011 Tamil Nadu	10.94	36
3981	Fabricating rGO based highly sensitive non-cryogenic micro-bolometer sensor array for thermal imaging applications	DST-SERB-EMEQ	Hazra,K.S., Dr. (M) Institute of Nano Science & Technology Sector 64 Mohali - 160 047 Punjab	33.76	36
3982	Fabrication & studies of environmental friendly plasmon enhanced p-type CZTZ based thin film photovoltaic cell with an improved efficiency from earth abundant materials	DST-SERB-EMEQ	Bharathimohan,D., Dr. (M) Assistant Professor Pondicherry University Department of Physicss Puducherry - 605 014 Puducherry	40.10	36
3983	Fabrication of One Dimensional (1-D) nanomaterial with Quantum Dots (QDs) for solar cell application	DST-SERB-EMEQ	Ramalingam,G., Dr. (M) Alagappa University Tiruvannamalai - 632 311 Tamil Nadu	24.75	36
3984	Investigation of optical & magnetic properties of some transition metal doped diluted magnetic semiconductors for spintronic applications	DST-SERB-EMEQ	Singh,K., Dr. (M) Jawaharlal Nehru University School of Physical Sciences, Aruna Asaf Ali Marg New Delhi - 110 067 Delhi	46.52	48
3985	Investigations on the critical behavior at the smectic-A to smectic-C phase transition in liquid crystals from high-resolution optical & calorimetric studies	DST-SERB-EMEQ	Das,M.K., Dr. (M) North Bengal University Department of Physics Siliguri - 734 013 West Bengal	47.46	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3986	Nonlinear particle simulation of radio frequency waves in fusion plasmas	DST-SERB-EMEQ	Kuley,A., Dr. (M) Indian Institute of Science Centenary Vistors House Bengaluru - 560 012 Karnataka	38.81	36
3987	Novel perovskite-based solar cells: Investigation of potential properties using ab-initio approaches	DST-SERB-EMEQ	Sonvane,Y.A., Dr. (M) Sardar Vallabhbhai National Institute of Technology (Surat) Department of Applied Physics, Ichchhanath Surat - 395 007 Gujarat	30.09	36
3988	Observational study of rare & neglected class of close binaries	DST-SERB-EMEQ	Priya,D.S., Dr. (F) Osmania University Hyderabad - 500 007 Telangana	19.36	36
3989	Optoelectronic & thermoelectric properties of transition metal dichalcogenides for green energy devices	DST-SERB-EMEQ	Shankar,A., Dr. (M) Kurseong College P.O. Nagrispur Darjeeling - 734 203 West Bengal	20.88	36
3990	Peptides functionalized conducting polymer-graphene OFETs for detection of aqueous phase pollutants	DST-SERB-EMEQ	Shirsat,M.D., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Aurangabad - 431 004 Maharashtra	45.25	36
3991	Quantum dot containing solid core fibers for fiber lasers & allied applications	DST-SERB-EMEQ	Bhardwaj,A., Dr. (F) Indian Institute of Science Department of Instrumentation & Applied Physics Bengaluru - 560 012 Karnataka	31.14	36
3992	Synthesis & characterization of energy harvesting materials for hydrogen storage	DST-SERB-EMEQ	Sundaram,R., Dr. (F) Madurai Kamaraj University Madurai - 625 021 Tamil Nadu	34.87	48
3993	Synthesis & characterization of lead free perovskite film for photovoltaic applications	DST-SERB-EMEQ	Singh,N.S., Dr. (M) Pachhunga University College Department of Physics Aizawal - 796 007 Mizoram	33.36	36
3994	Synthesis & characterization of SPEEK-Perovskite based proton conducting polymer electrolytes for HT-PEMFC	DST-SERB-EMEQ	Manimuthu,R.P., Dr. (M) Alagappa University Karaikudi - 630 003 Tamil Nadu	26.68	36
3995	Synthesis & optimization of dielectric & electrochemical properties of ZrO2-polymer nanocomposites: Role of interface modification	DST-SERB-EMEQ	Kumar,R., Dr. (M) Panjab University Sector 14 Chandigarh - 160 014 Chandigarh	31.71	36
3996	Synthesis of bismuth oxyhalaides & its composites for enhanced photocatalytic activity: A little step towards a pollution free environment	DST-SERB-EMEQ	Sarkar,S., Dr. (M) Jadavpur University Jadavpur Kolkata - 700 032 West Bengal	37.95	36
3997	Synthesis of gold nanoparticles using silk fibroin as biotemplet: Characterization & color sensor applications	DST-SERB-EMEQ	Sangappa,Y., Dr. (M) Mangalore University Science Block, Mangalagangotri Mangalore - 574 199 Karnataka	38.86	36
3998	Synthesis, characterization & applications of some rare-earth doped dual model phosphor	DST-SERB-EMEQ	Bahadur,A., Dr. (M) Banaras Hindu University Department of Physics, Institute of Science Varanasi - 221 005 Uttar Pradesh	44.26	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
3999	Thermal analysis of a few synthesized magnetic & non-magnetic metal doped spinel ferrite nanocrystals by TGA/DTA & their subsequent structural, optical & electrical study	DST-SERB-EMEQ	Das,R., Dr. (M) Tripura University Department of Physics Suryamaninagar - 799 022 Tripura	54.61	36
4000	Sustained energy generator based on auto-catalytic intractions	DST-SERB-HRHR	Ramarao,P., Mr. (M) Swami Vivekananda Yoga Anusandhana Samsthana Centre for Energy Research, Prashanti Kuteeram, Giddena Halli, Jigani Hobli, Amekal Taluk Bengaluru - 560 105 Karnataka	87.77	18
4001	Towards solving bilevel optimization problems	DST-SERB-YSS	Sinha,A., Dr. (M) Indian Institute of Management (Ahmedabad) House No. T-8, Vastrapur Ahmedabad - 380 015 Gujarat	15.03	36
4002	Approaches to improve open circuit voltage & fill factor-enhancing the power conversion efficiency in organic & organic-inorganic hybrid systems	DST-SERI	Namboothirty,M.A.G., Dr. (M) Assistant Professor Indian Institute of Science Education & Research (Trivandrum) Thiruvananthapuram - 695 551 Kerala	88.35	36
4003	Brush less DC machine based solar pumping system	DST-SERI	Bhende,C.N., Dr. (M) Associate Professor Indian Institute of Technology (Bhubaneswar) School of Electrical Science Bhubaneswar - 751 013 Odisha	66.24	36
4004	Bulk heterojunction hybrid solar cells based on perovskite photo-active layers	DST-SERI	Khan,Z.H., Dr. (M) Professor Jamia Millia Islamia Department of Applied Sciences & Humanities, Faculty of Engineering & Technology New Delhi - 110 025 Delhi	52.78	36
4005	Corrosion studies in high-termperature molten salt fluids for advanced CSP plants	DST-SERI	Basu,B., Prof. (M) Indian Institute of Science Materials Research Centre Bengaluru - 560 012 Karnataka	76.06	36
4006	Corrosion studies of high performance alloys in high-temperature supercritica-CO2 Brayton cycle power block for concentrated solar power application	DST-SERI	Kumar,P., Dr. (M) Professor Indian Institute of Science Department of Mechanical Engineering Bengaluru - 560 012 Karnataka	80.28	36
4007	Design & development carbon nanotubes based tandem absorbed for high temperature solar thermal applications	DST-SERI	Selvakumar,N., Mr. (M) Scientist CSIR-National Aerospace Laboratories Division of Surface Engineering, Old Airport Road, Kodihalli Bengaluru - 560 017 Karnataka	42.57	36
4008	Design & development of open air compatible state-of-the-art solar selective coating for high temperature concentrated solar thermal power generation applications	DST-SERI	Valleti,K., Dr. (F) Scientist D International Advanced Research Centre for Powder Metallurgy & New Materials Balapur Hyderabad - 500 005 Telangana	64.11	36
4009	Design & development of solar-thermal & thermal-electrical hybrid system	DST-SERI	Dutta,S., Dr. (M) Senior Scientist CSIR-National Aerospace Laboratories Division of Materials Science, Old Airport Roa, Kodihalli Bengaluru - 560 017 Karnataka	88.12	36
4010	Development & demonstration of 250W, 1kWh vanadium redox flow battery systems rechargeable by renewal energy such as solar & wind energy	DST-SERI	Kothandaraman,R., Dr. (M) Assistant Professor Indian Institute of Technology (Madras) Department of Chemistry Chennai - 600 036 Tamil Nadu	81.37	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4011	Development for ternary organic solar cells on low cost flexible substrate	DST-SERI	Gupta,S., Dr. (F) Assistant Professor Indian Institute of Technology (Hyderabad) Kandi Sangareddy - 502 285 Telangana	49.35	36
4012	Development of high temperature thermal energy storage system for solar thermal power plant	DST-SERI	Muthukumar,P., Prof. (M) Indian Institute of Technology (Guwahati) Department of Mechanical Engineering Guwahati - 781 039 Assam	115.46	36
4013	Development of indigenous flaoting system for installation Solar PV panels in water bodies	DST-SERI	Nayak,S.K., Dr. (M) Director General Central Institute of Plastics Engineering & Technology T.V.K. Industrial Estate, Guindy Chennai - 600 036 Tamil Nadu	114.60	24
4014	Development of low cost solar paraboloid collector systems for process heat generation	DST-SERI	Mahavar,S., Dr. (F) Assistant Professor Rajasthan University Department of Physics Jaipur - 302 004 Rajasthan	43.12	36
4015	Development of mini solar thermal power plant	DST-SERI	Vedula,R.P., Dr. (M) Professor Indian Institute of Technology (Bombay) Department of Mechanical Engineering, Powai Mumbai - 400 076 Maharashtra	11.50	36
4016	Development of mini solar thermal power plant	DST-SERI	Dulera,I.V., Mr. (M) Er. Outstanding Scientist Bhabha Atomic Research Centre Trombay Mumbai - 400 085 Maharashtra	283.70	36
4017	Development of new interfacial layers for efficient & stable excitonic solar cells	DST-SERI	Patra,A., Dr. (M) Senior Scientist CSIR-National Physical Laboratory Division of Physics & Energy Harvesting, Dr. K.S. Krishna Marg New Delhi - 110 012 Delhi	92.80	36
4018	Development of new small molecules & device architectures for highly efficient & reliable organic solar cells	DST-SERI	Singhal,R., Dr. (M) Associate Professor Malaviya National Institute of Technology (Jaipur) Department of Physics Jaipur - 302 017 Rajasthan	9.80	36
4019	Development of new small molecules & device architectures for highly efficient & reliable organic solar cells	DST-SERI	Mishra,R., Dr. (M) Associate Professor Indian Institute of Technology (Indore) Department of Chemistry Indore - 452 001 Madhya Pradesh	17.73	36
4020	Development of new small molecules & device architectures for highly efficient & reliable organic solar cells	DST-SERI	Sharma,G.D., Prof. (M) L.N.M. Institute of Information Technology Department of Physics, Rupa Ki Nangal, Sumel, Jamdoli Jaipur - 302 301 Rajasthan	44.86	36
4021	Development of new small molecules & device architectures for highly efficient & reliable organic solar cells	DST-SERI	Mishra,A., Dr. (M) Reader Sambalpur University School of Chemistry Sambalpur - 768 019 Odisha	45.23	36
4022	Development of solar evacuated tube collectors with inserted baffles for direct air heating in industrial applications	DST-SERI	Arjunan,T.V., Dr. (M) Professor & Head Coimbatore Institute of Engineering & Technology Department of Mechanical Engineering, Via Thondamuthur Coimbatore - 641 109 Tamil Nadu	99.99	36
4023	DST Solar PV Hub	DST-SERI	Chaudhri,P., Prof. (M) Indian Institute of Engineering Science & Technology Howrah - 711 103 West Bengal	2621.43	60

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4024	Efficient large area Semi Tramsprent Organic Phoovoltaic (STOPV) devices for power generating window applications	DST-SERI	Singh,S.P., Dr. (M) Assistant Professor Shiv Nadar University Department of Physics, School of Natural Science, NH -91, Gautam Budh Nagar Noida - 201 314 Uttar Pradesh	47.17	36
4025	Enabling investigations for high efficiency nanocrystalline a-si:H hit solar cells	DST-SERI	Subramanyam,T.K., Dr. (M) Associate Professor R.V. College of Engineering P.O, R.V. Vidyaniketan, Mysore Road Bengaluru - 560 059 Karnataka	55.64	36
4026	Energy stoarge integration with the grid at high power level	DST-SERI	Maiti,S., Dr. (F) Assistant Professor Indian Institute of Technology (Kharagpur) Department of Electrical Engineering Kharagpur - 721 302 West Bengal	60.47	36
4027	Experimental & theoretical investigations on the novel functional materials used as photo anodes, sensitizers, counter electrodes & electrolytes enhancing the photo-voltaic characteristic of dye sensitized solar cells	DST-SERI	Pathan,H.M., Dr. (M) Assistant Professor Savitribai Phule Pune University Department of Physics, Ganeshkhind Pune - 411 007 Maharashtra	42.74	36
4028	Fabrication & study of perovskite solar cells by ulrasonic spray coating technique with targeted efficiency-15%	DST-SERI	Ghosh,S.S., Dr. (M) Assistant Professor North Maharashtra University Department of Physics Jalgaon - 425 001 Maharashtra	38.58	36
4029	Fabrication of large ARE (1 cm x1 cm) uniform, pin hole free & highly efficient (upto 18%) stable perovskite solar cells	DST-SERI	Satapathi,S., Dr. (F) Assistant Professor Indian Institute of Technology (Roorkee) Department of Physics Roorkee - 247 667 Uttarakhand	44.44	36
4030	Fabrication of low cost inverted planner perovskite solar cells	DST-SERI	Karupuchamy,S., Dr. (M) Associate Professor Alagappa University Karaikudi - 630 003 Tamil Nadu	51.47	36
4031	Fabrication of stable perovskite solar cells using inorganic hole transport materials	DST-SERI	Senthil,M., Dr. (M) Research Scientist S.S.N. College of Engineering S.S.N. Research Centre Chennai - 603 110 Tamil Nadu	77.74	36
4032	Flexible super capcitors based on carbon nano materials for energy storage	DST-SERI	Mukherjee,N., Dr. (M) Assistant Professor Indian Institute of Engineering Science & Technology Centre of Excellence for Green Energy & Sensor System, Shibpur Howrah - 711 103 West Bengal	40.56	36
4033	Indigenous development of dye sensitized solar cells modules with different electrolytes	DST-SERI	Anandan,S., Dr. (M) Associate Professor National Institute of Technology (Tiruchirapalli) Department of Chemistry, Nanomaterials & Solar Energy Conversion Lab. Tiruchirappalli - 620 015 Tamil Nadu	107.13	36
4034	Interface engineering with CVD grown MoS2 ultra-thin layers for the improvement of perovskite solar cell performance	DST-SERI	Kumari,K., Dr. (F) Assistant Professor National Institute of Technology (Warangal) Department of Physics Warangal - 506 004 Telangana	37.53	36
4035	Lead free pervoskites for stable & high efficient photovoltaic devices	DST-SERI	Yella,A., Dr. (M) Assistant Professor Indian Institute of Technology (Bombay) Department of Metallurgical Engineering & Materials Science, Powai Mumbai - 400 076 Maharashtra	69.48	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4036	Metallopolymer grafted graphene based nanohybrid materials for high performance bulk heterojunction polymer solar cells	DST-SERI	Neppolian,B., Dr. (M) Professor S.R.M. University S.R.M. Research Institute, Kattankulathur Chennai - 603 203 Tamil Nadu	73.15	36
4037	Next generation highly efficient & long term stable solar cell: Organic-inorganic perovskite solar cell	DST-SERI	Pathak,S.K., Dr. (M) Assistant Professor Indian Institute of Technology (Delhi) Centre for Energy Studes, Hauz Khas New Delhi - 110 016 Delhi	87.75	36
4038	Recognition & characterization of solar cell defects using combined thermography image & reconfiguration scheme	DST-SERI	Srinivasan,A., Dr. (M) Professor & Head Sethu Institute of Technology Department of Electrical & Electronics Engineering, Pulloor Virudhunagar - 626 115 Tamil Nadu	40.29	36
4039	What impacts do aerosols have on cloud condensation nuclei, clouds and rainfall over a pristine Himalayan region	DST-SPLICE-CCP	Gautam,A.S., Dr. (M) Hemwati Nandan Bahuguna Garhwal University Department of Physics Srinagar - 246 174 Uttarakhand	62.37	36
4040	Acoustic energy absorption in ferromagnetic shape memory alloy polymer composites	DST-WOS-A	Abirami,S.B.P., Ms. (F) Thiagarajar College of Engineering Department of Physics Madurai - 625 015 Tamil Nadu	25.90	36
4041	An evolutionary study via dust modelling of post-RGB stars in the Magellanic clouds	DST-WOS-A	Sarkar,G., Dr. (F) Indian Institute of Technology (Kanpur) Department of Physics Kanpur - 208 016 Uttar Pradesh	24.36	36
4042	Application of nanocomposites of metal oxides and carbon nanostructures towards glucose sensing	DST-WOS-A	Palod,P.A., Dr. (F) Indian Institute of Technology (Indore) Indore - 452 010 Madhya Pradesh	32.89	36
4043	Critical dynamics of confined binary fluids	DST-WOS-A	Pathania,Y., Dr. (F) Indian Institute of Science Education & Research (Mohali) Department of Physics Mohali - 140 306 Punjab	26.98	36
4044	Cross-section measurement of actinides & rare earth elements using neutron activation analysis with neutrons from nuclear reactor	DST-WOS-A	Mandal,R., Dr. (F) Indian Institute of Technology (Kharagpur) Department of Geology & Geophysics Kharagpur - 721 302 West Bengal	26.66	36
4045	Deep learning approaches for search & retrieval of audio information	DST-WOS-A	Gudipati,V.V.L., Dr. (F) International Institute of Information Technology Speech Processing Laboratory, Language Technologies Research Centre, Gachhibowli Hyderabad - 500 032 Telangana	24.35	36
4046	Detection of cancer markers using metal oxide nanotubes immobilised with conducting polymers by photoelectrochemical biosensing	DST-WOS-A	Lekha,P.C., Dr. (F) Indian Institute of Technology (Madras) Department of Biotechnology, Microbiology & Genetics Lab Chennai - 600 036 Tamil Nadu	31.28	36
4047	Development of cold sintered dielectrics for electronic applications	DST-WOS-A	Santha,N., Dr. (F) Kerala University Department of Physics Trivandrum - 695 612 Kerala	29.79	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4048	Development of glassy cathodes for Li ion battery	DST-WOS-A	Soman,S., Dr. (F) Indian Institute of Technology (Bombay) Department of Metallurgical Engineering & Material Science, Sensor Materials & Devices Laboratory Mumbai - 400 076 Maharashtra	29.60	36
4049	Development of nanogenerator based flexible, self powered gas sensor	DST-WOS-A	Santra,S., Dr. (F) Indian Institute of Technology (Kharagpur) Department of Physics Kharagpur - 721 302 West Bengal	31.58	36
4050	Development of tandem PEC-PV cell using ECR microwave plasma surface modified heterojunctions of WO3/BiVO4 photoanodes for hydrogen generation	DST-WOS-A	Madhavi,V., Dr. (F) Indian Institute of Science Department of Instrumentation & Applied Physics, Plasma Processing Lab Bengaluru - 560 012 Karnataka	32.16	36
4051	Effect of boron substitution on hydrogen storage capacity of organometallic complexes	DST-WOS-A	Tavhare,P.A., Ms. (F) Indian Institute of Science Department of Physics Mumbai - 400 032 Maharashtra	21.75	36
4052	Engineering hematite nanostructure for an efficient photoelectrochemical hydrogen production	DST-WOS-A	Mummoorthi,G., Ms. (F) Periyar University Department of Physics Salem - 636 011 Tamil Nadu	20.87	36
4053	Experimental & Ab initio investigations of electronic, optical & phonon properties of Copper Chalcogenides, CuX (X= S, Se and Te)	DST-WOS-A	Kabra,K., Dr. (F) Kota University Department of Pure & Applied Physics Kota - 324 010 Rajasthan	31.60	36
4054	Fabrication and characterization of Iron Oxide Nanostructures (IONS) for gas sensing and DSSC applications	DST-WOS-A	Joseph,J.A., Ms. (F) Union Christian College Department of Physics Kochi - 683 102 Kerala	20.13	36
4055	Fabrication of lead free perovskite solar cell: An approach towards environmental friendly and efficient solar cell	DST-WOS-A	Vilasrao,P., Dr. (F) Indian Institute of Technology (Bombay) Department of Metallurgic Engineering & Material Science, Powai Mumbai - 400 076 Maharashtra	29.68	36
4056	Fabrication of multiferroic thin films for possible applications in giantmagneto resistive devices	DST-WOS-A	Dhanyaprabha,K.C., Ms. (F) Christian College Department of Physics Changannur - 689 122 Kerala	24.17	36
4057	First principle investigations of 2-D nitrides as electrode materials for alkali-ion batteries	DST-WOS-A	Tyagi,N., Dr. (F) Indian Institute of Information Technology, Design & Manufacturing Department of Physics Jabalpur - 482 005 Madhya Pradesh	26.98	36
4058	Fluid-solid phase transition in a two-dimensional system	DST-WOS-A	Jaiswal,A., Dr. (F) Indian Institute of Technology (BHU) Department of Physics Varanasi - 221 005 Uttar Pradesh	22.71	36
4059	Functionalized phosphorene based Single Electron Transistor (SET) for toxic gas sensing application	DST-WOS-A	Chadha,G., Dr. (F) Indian Institute of Science Education & Research (Mohali) Mohali - 140 306 Punjab	24.56	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4060	Geometrically frustrated layered structures: Synthesis & properties	DST-WOS-A	Sethulakshmi,N., Dr. (F) Indian Institute of Technology (Gandhinagar) Department of Materials Engineering Gandhinagar - 382 355 Gujarat	29.79	36
4061	Green synthesis of silver/gold nanoparticles by using asclepiadaceae medicinal plant to enhancement of physical properties	DST-WOS-A	Chennamaneni,H.L., Dr. (F) Marri Educational Society Group of Institute Department of Humanity & Science Hyderabad - 500 043 Telangana	18.50	36
4062	Homogenization of PDEs & asymptotic behaviour of optimal controls	DST-WOS-A	Mishra,I., Dr. (F) Indian Institute of Science Education & Research (Bhopal) Deaprtment of Mathematics, Bhauri Bhopal - 462 066 Madhya Pradesh	25.56	36
4063	Information entropy in nonlinear physical systems	DST-WOS-A	Thakur,P., Ms. (F) D.A.V. University Department of Physics Jalandhar - 144 012 Punjab	14.17	36
4064	Investigation of structural, electronic, magnetic & thermoelectric properties of rare-earth based heusler alloys: An ab-initio study	DST-WOS-A	Singh,S., Ms. (F) Jiwaji University School of Studies in Physics Gwalior - 474 011 Madhya Pradesh	22.23	36
4065	Investigations on C-points & V-points generation, detection & manipulation methods	DST-WOS-A	Sathyanarayanan,D., Dr. (F) Indian Institute of Technology (Delhi) Department of Physics, Hauz Khas New Delhi - 110 016 Delhi	30.29	36
4066	Low energy electron collisions, radiation track structure & DNA damage by ionizing radiation	DST-WOS-A	Bhowmik,P., Dr. (F) Mohanlal Sukhadia University Department of Physics, University College of Science Udaipur - 313 001 Rajasthan	25.30	36
4067	Metal oxide semiconductor based hybrid nanostructure for photocatalytic degradation of organic dyes	DST-WOS-A	Sahu,K., Ms. (F) Guru Govind Singh Indraprastha University Univerity School of Basic & Applied Sciences, Dwarka New Delhi - 110 078 Delhi	16.99	36
4068	Next generation photocatalyst for aquatic pollutant degradation	DST-WOS-A	Varma,R.S., Dr. (F) Institute of Chemical Technology Department of Chemistry Mumbai - 400 019 Maharashtra	29.96	36
4069	Numerical investigations on thermophysical properties of three dimensional nanofluids using two-phase model	DST-WOS-A	Sakthivel,A., Ms. (F) Sri Ramakrishna Engineering College Department of Nanoscience & Technology, Vattamalaipalayam Coimbatore - 641 022 Tamil Nadu	22.60	36
4070	Optimal harvesting for a logistic model with grazing	DST-WOS-A	Remya,K.B., Ms. (F) Indian Institute of Technology (Madras) Department of Physics Chennai - 600 036 Tamil Nadu	13.29	36
4071	Porous low-k films for advanced ULSI technology	DST-WOS-A	Gupta,S., Ms. (F) North Maharashtra University Department of Electronics, School of Physical Sciences Jalgaon - 425 001 Maharashtra	20.29	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4072	Preparation & characterization of the multiferroic oxide thin film for solar cell application	DST-WOS-A	Suneetha,T., Dr. (F) Indian Institute of Technology (Bombay) Department of Electrical Engineering, Powai Mumbai - 400 076 Maharashtra	30.31	36
4073	Raman spectroscopy: A tool for studying structural variation & phonon dynamics in rare-earth oxide materials	DST-WOS-A	Mishra,S., Dr. (F) Indian Institute of Technology (Kharagpur) Department of Physics Kharagpur - 721 302 West Bengal	23.60	36
4074	Rheological study of sickle cell disease: A biomathematical & biomechanical approach	DST-WOS-A	Chaturvedi,P., Dr. (F) Jawaharlal Nehru University Department of Mathematical Sciences, School of Computational & Interative Sciences New Delhi - 110 067 Delhi	32.16	36
4075	Solving differential equations using machine learning	DST-WOS-A	Mall,S., Dr. (F) National Institute of Technology (Rourkela) Department of Mathematics Rourkela - 769 008 Odisha	24.46	36
4076	Spintronics in graphene	DST-WOS-A	Vidyullatha,C.H., Ms. (F) C.M.R. College of Engineering & Technology Department of Physics Hyderabad - 501 401 Telangana	18.58	36
4077	String theory on integrable deformation of AdS	DST-WOS-A	Nayak,R.R., Dr. (F) Indian Institute of Technology (Kharagpur) Department of Physics Kharagpur - 721 302 West Bengal	24.46	36
4078	Studies of CsPbBr3 perovskite nanocrystals as light emitters	DST-WOS-A	Shivaji,A., Ms. (F) Savitribai Phule Pune University Department of Physics Pune - 411 007 Maharashtra	24.19	36
4079	Studies on new physics in quark lepton sector of standard model	DST-WOS-A	Girdhar,A., Dr. (F) Harish-Chandra Research Institute Jhunsi Allahabad - 211 019 Uttar Pradesh	24.04	36
4080	Study of a few p-nuclei in the mass region A~100 and 180	DST-WOS-A	Ray,I., Dr. (F) Jadavpur University Department of Physics Kolkata - 700 032 West Bengal	29.58	36
4081	Study of black hole thermodynamics in modified & quantum theories of gravity	DST-WOS-A	Chatterjee,B., Dr. (F) Indian Institute of Science Education & Research (Kolkata) Department of Physical Sciences Mohanpur - 741 246 West Bengal	24.02	36
4082	Study of dielectric & electrical behavior of some biocompatible polymer blends & composites	DST-WOS-A	Jha,S., Dr. (F) Gujarat University Department of Physics, School of Science Ahmedabad - 380 009 Gujarat	21.39	36
4083	Study of dynamical behavior of nanodusty plasma produced in a reactive gas discharge	DST-WOS-A	Sharma,S.K., Dr. (F) Institute of Advanced Study in Science & Technology Division of Physical Sciences, Pachim Boragaon, Garchuk Guwahati - 781 035 Assam	31.60	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakh)	Duration (in Months)
4084	Study of neighbour balanced row-column designs under fixed & random row, column effects	DST-WOS-A	Devi,S.S., Dr. (F) Manipur University Department of Statistics, Canchipur Imphal - 795 003 Manipur	24.07	36
4085	Study of thermoelectric, magnetocaloric, magnetoresistive & other thermo-physical properties of Huesler Alloys	DST-WOS-A	Dasgupta,P., Dr. (F) Jadavpur University Department of Physics Kolkata - 700 032 West Bengal	27.20	36
4086	Study of transition metal impurity in sol-gel processed ZnO-SnO2 based ternary alloy films for transparent electronics and devices	DST-WOS-A	Arora,I., Ms. (F) D.A.V. University Department of Physics Jalandhar - 144 012 Punjab	18.53	36
4087	Study of ultra short powerful laser matter interaction with plasmas	DST-WOS-A	Varshney,M.A., Dr. (F) Devi Ahilya Vishwavidyalaya School of Physics, Khandwa Road Indore - 452 017 Madhya Pradesh	26.65	36
4088	Synthesis & characterization of graphene quantum dots & its applications in advanced energy storage as supercapacitors	DST-WOS-A	Kharangarh,P.R., Dr. (F) Delhi University Department of Physics & Astrophysics Delhi - 110 007 Delhi	26.65	36
4089	Synthesis & characterization of rare earth fluoride nanomaterials & nanofibers for biomedical application	DST-WOS-A	Namagal,S., Ms. (F) Anna University Department of Physics Chennai - 600 025 Tamil Nadu	24.73	36
4090	Synthesis & characterization of semiconductor nano-wires using metal assisted chemical etching & its application in field emission & tunable light emitting devices	DST-WOS-A	Sahu,G., Dr. (F) Indian Institute of Technology (Indore) Department of Physics Indore - 452 020 Madhya Pradesh	31.60	36
4091	Theoretical studies on silicon version of metathesis reactions for searching new efficient synthetic routes to prepare advanced silicon materials	DST-WOS-A	Ray,M., Dr. (F) S.N. Bose National Centre for Basic Sciences Department of Chemical, Biological & Macro-Molecular Sciences, Salt Lake Kolkata - 700 106 West Bengal	29.96	36
4092	Thermocapillary driven convection of an electrically conducting nanofluid in an annular enclosure	DST-WOS-A	Balasubramanian,K., Dr. (F) Bharathiar University Department of Applied Mathematics Coimbatore - 641 046 Tamil Nadu	19.45	36
4093	Unveiling physical conditions in Milky Way, LMC, SMC and high red-shifted damped lyman-alpha absorbers using 21 cm line	DST-WOS-A	Shaw,G., Dr. (F) Tata Institute of Fundamental Research Homi Bhabha Road, Colaba Mumbai - 400 005 Maharashtra	24.79	36
4094	Development of novel nanaomaterials for space based radiation detection	ISRO-RESPOND	Prashantha,S.C., Dr. (M) Professor East West Institute of Technology Bengaluru - 560 091 Karnataka	22.60	24
4095	Multi-wavelength studies of rich & poor glaxy clusters in an expanding universe	ISRO-RESPOND	Iqbal,N., Dr. (M) Associate Professor Kashmir University Srinagar - 190 006 Jammu & Kashmir	16.51	36
4096	Nonlinear waves & turbulence with implication on magnetic reconnection	ISRO-RESPOND	Uma,R., Dr. (F) Associate Professor Indian Institute of Technology (Delhi) Hauz Khas New Delhi - 110 016 Delhi	21.18	36

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4097	Study structure of our glaxy using ultraviolet star counts of GALEX & UVIT-ASTROSAT surveys	ISRO-RESPOND	Pradhan,A.C., Dr. (M) Assistant Professor National Institute of Technology (Rourkela) Rayagada - 769 008 Odisha	18.60	36
4098	Variability of UV sky using UVIT onboard ASTROSAT	ISRO-RESPOND	Bhattacharya,D., Dr. (M) Manipal University Manipal - 576 104 Karnataka	27.36	36
4099	X-ray study of galaxy clusters	ISRO-RESPOND	Malik,M.A., Dr. (M) Kashmir University Hazratbal Srinagar - 190 006 Jammu & Kashmir	22.38	36
4100	A comprehensive study on crustal dichotomy and extensional tectonics in and around valles Marineris, Mars	ISRO-SSP	Rajesh,V.J., Dr. (M) Assistant Professor Indian Institute of Space Science & Technology Trivandrum - 695 551 Kerala	17.48	36
4101	An appraisal of fluvio-tectonic geomorphic set-up of Syria planusm and solis planum provenance in Syria-Thaumasia, Mars	ISRO-SSP	Bhandari,S., Dr. (M) Associate Professor Krantiguru Shyamji Krishna Verma Kachchh University Bhuj - 370 001 Gujarat	21.49	36
4102	An appraisal of fluvio-tectonic geomorphic set-up of Syria planusm and solis planum provenance in Syria-Thaumasia, Mars	ISRO-SSP	Bhattacharya,F., Dr. (F) Scientist-B Institute of Seismological Research Gandhinagar - 382 009 Gujarat	10.68	36
4103	An integrated morhological & spectral analysis of Shalbatana Vallis and its surrounding region on mars using MOM-MCC data and other international datasets	ISRO-SSP	Kusuma,K.N., Dr. (F) Assistant Professor Pondicherry University Puducherry - 605 014 Puducherry	18.73	36
4104	Analysing dust storms, dust devils, dunes, clouds and associated meteorological features in the martian atmosphere using satellite observations and a numerical model	ISRO-SSP	Panda,J., Dr. (M) Assistant Professor National Institute of Technology (Rourkela) Rourkela - 769 008 Odisha	18.33	36
4105	Bio-menthanation under simulated Mars environement impliesearly life on Planet Mars	ISRO-SSP	Dhakephalkar,P.K., Dr. (M) Senior Scientist & Co-ordinator Agharkar Research Institute Bioenergy Group, MACS, G.G. Agarkar Road Pune - 411 004 Maharashtra	20.22	36
4106	Chemical kinetics of molecular collision processees in martian atmosphere	ISRO-SSP	Kumar,T.J.D., Dr. (M) Associate Professor Indian Institute of Technology (Ropar) Department of Chemistry Ropar - 140 001 Punjab	17.80	36
4107	Detailed analysis of source, nature and duration of fluvial activity in the Noachian-hesperian terrains of Mars	ISRO-SSP	Porwal,A., Mr. (M) Associate Professor Indian Institute of Technology (Bombay) Powai Mumbai - 400 076 Maharashtra	17.70	36
4108	Estimating the escape of water to space through D/H ratio and atomic hydrogen escape in the martian uppar atmosphere	ISRO-SSP	Rao,S.V.B., Prof. (M) Sri Venkateswara University Department of Physics Tirupati - 517 502 Andhra Pradesh	15.51	36
4109	Evidence comparison between Tharsis and Deccan volcanic provinces based on geomorphology and lithology	ISRO-SSP	Nair,A.M., Dr. (F) Assistant Professor Indian Institute of Technology (Guwahati) Department of Civil Engineering Guwahati - 781 039 Assam	15.64	36
4110	Geological and Fluvial studies of martian surface using the data of thermal infrared imaging spectrometer and mars colour	ISRO-SSP	Bharati,R., Dr. (M) Assistant Professor Indian Institute of Technology (Guwahati) Department of Civil Engineering Guwahati - 781 039 Assam	18.88	36

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4111	Geomorphic process and morphometric analysis of Cusus and Columbia valles networks on martian surface	ISRO-SSP	Anabazhagan,S., Dr. (M) Professor & Director Periyar University Centre for Geoinfomatics & Planetary Studies, Periyar Palkalai Nagar Salem - 636 011 Tamil Nadu	17.86	36
4112	Hydrogeomorphometry of the martian surface: Connecting dots to understand the hydrologi and climate evolution and groundwater potentiality of Ma'adim Vallis region in Aeolis quadrangle (MC-23)	ISRO-SSP	Sinha,A.K., Mr. (M) Dean & Director Suresh Gyan Vihar University Centre of Excellence for Climate Change & Water Research Jaipur - 302 025 Rajasthan	16.25	36
4113	Impact cratering processes on Mars: Insights into spallation, ejecta mobility and target properties	ISRO-SSP	Senthilkumar,P., Dr. (M) CSIR-National Geophysical Research Institute Uppal Road Hyderabad - 500 007 Telangana	24.17	36
4114	Infilling and erosional history of Martian Impact Craters	ISRO-SSP	Sinha,R.K., Mr. (M) Scientist-SC Physical Reserch Laboratory Ahmedabad - 380 009 Gujarat	17.98	36
4115	Investigation on the spatio-temporal distribution of clouds and dust storms Martian atmosphere	ISRO-SSP	Guha,A., Dr. (M) Assistant Professor Central University of Tripura Taluk Bishaigaarh Agartala - 799 130 Tripura	18.41	36
4116	Martian landform segmentation based on structutal similarity	ISRO-SSP	Shete,A.S., Mr. (M) Assistant Professor Vivekanand Education Society's Institute of Technology Chembur Mumbai - 400 074 Maharashtra	3.08	36
4117	MOM-MCC Data analysis for morphological and morphometric studies of Melas Chasma at Velles Marineris & Alba Patera and understanding	ISRO-SSP	Habib,T., Mr. (M) Chief Scientist M.P. Council of Science & Technology Geo Informatics RSAC Bhopal - 462 003 Madhya Pradesh	17.63	36
4118	Observation and modeling of thermal infrared (7-13M) emission of Mars	ISRO-SSP	Shah,D.B., Dr. (M) Sir P.T. Sarvajanik College of Science Near Athva Gate Surat - 395 007 Gujarat	18.53	36
4119	Observation and Modeling studies of the Atmopheric Composition of Mars (OMAC)	ISRO-SSP	Nagaraj,K., Dr. (M) Assistant Professor Bangalore University Bengaluru - 560 056 Karnataka	19.97	36
4120	Remote geochemical and mineralogical analysis of surface of Mars	ISRO-SSP	Lala,M.G.N., Dr. (F) Assistant Professor Birla Institute of Technology (Mesra) Department of Remote Sensing,Mesra Ranchi - 835 215 Jharkhand	17.43	36
4121	Remote geochemical and mineralogical analysis of surface of Mars with Mars orbiter mission data	ISRO-SSP	Arivazhagan,S., Dr. (M) Assistant Professor Gandhigram Rural University Centre for Applied Geology Dindigul - 624 302 Tamil Nadu	20.93	36
4122	Rock types and morphological signature detection of Mars to infer natural resources	ISRO-SSP	Mukherjee,S., Prof. (M) Head Jawaharlal Nehru University Geology and Remote Sensing New Delhi - 110 067 Delhi	18.20	36
4123	Study of atmospheric water vapor content on Mars using MENCA of India's Mars orbiter mission	ISRO-SSP	Calla,O.P.N., Prof. (M) Director International Centre of Radio Science Jodhpur - 342 304 Rajasthan	12.32	36

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4124	Study on possible remote sensing of methane on Mars using data products of Methane Sensor for Mars(MSM)	ISRO-SSP	Rastogi,S., Mr. (M) Professor Deendayal Upadhyay Gorakhpur University Department of Physics Gorakhpur - 273 009 Uttar Pradesh	21.85	36
4125	Synthesis of active landforms using MOM-MCC and MRO-HiRISE data: Implications for martian exogenic processes	ISRO-SSP	Bhadra,B.K., Dr. (M) Scientist/Engineer -SF National Remote Sensing Centre Regional Remote Sensing Centre - West Jodhpur - 342 001 Rajasthan	18.03	36
4126	Systematic study on the landslides on martian surface with special emphasis on Valles marineris using data of varying resolution and scales	ISRO-SSP	Kumar,S.K.S., Dr. (M) Assistant Professor Kerala University Department of Geology Thiruvananthapuram - 695 034 Kerala	18.51	36
4127	Tectonics of the East Coprates Planum, Mars: An insight through morphometric analyses of stuctures on the surface	ISRO-SSP	Kundu,A., Dr. (M) Asutosh College Department of Geology Kolkata - 700 026 West Bengal	18.27	36
4128	Temporal and spatial characterisation of the Martian Thermoshere, Ionosphere and Exophere (TIE) system	ISRO-SSP	Rao,N.V., Mr. (M) National Atmospheric Research Laboratory Chittoor - 517 112 Andhra Pradesh	14.10	36
4129	Understanding the geomorphology of mMartian surface using MOM datasets	ISRO-SSP	Haq,M.A., Dr. (M) Assistant Professor N.I.I.T. University Alwar - 301 705 Rajasthan	17.28	36
4130	Analysis of light harvesting efficiency	UGC-MNRP	Meenakshi,R., Ms. (F) Assistant Professor Cauvery College for Women Tiruchirappalli - 620 018 Tamil Nadu	1.50	24
4131	CDS quantum dots coupled ZnO nanowires ..	UGC-MNRP	Venkatesh,S., Mr. (M) Assistant Professor Sri S. Ramasamy Naidu Memorial College Virudhunagar - 626 203 Tamil Nadu	0.80	24
4132	Development & study of proton exchange	UGC-MNRP	Nithya,S., Ms. (F) Assistant Professor Sri S. Ramasamy Naidu Memorial College Virudhunagar - 626 203 Tamil Nadu	1.80	24
4133	Electrical & magnetic properties of N…	UGC-MNRP	Nathanial,V., Dr. (M) Assistant Professor University College of Science Saifabad Hyderabad - 500 004 Telangana	3.00	24
4134	Investigation on biological important ..	UGC-MNRP	Aswaniya,K., Ms. (F) Assistant Professor Cauvery College for Women Tiruchirappalli - 620 018 Tamil Nadu	3.00	24
4135	Single crystal structure studies using X	UGC-MNRP	Suresh,J., Dr. (M) Associate Professor The Madura College Madurai - 625 001 Tamil Nadu	2.50	24
4136	Synthesis & characterization of ..	UGC-MNRP	Neyvasagam,K., Dr. (M) Associate Professor Madura College Madurai - 625 011 Tamil Nadu	2.10	24
4137	Synthesis of AgNPs from carica papaya a ..	UGC-MNRP	Priya,R.S., Dr. (M) Assistant Professor Mahendra Engineering College Mallasamundram, Tiruchengode Namakkal - 537 501 Tamil Nadu	2.10	24

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Institute of Green Energy & Geospatial Technology	1857
Institute of Health Management Research	3640
Institute of Horticulture Technology	532
Institute of Infrastructure Technology Research & Management	2588, 3952
Institute of Life Sciences	194, 588, 633, 836, 894, 1003, 1038, 1349, 3549, 3600
Institute of Liver & Biliary Sciences	290, 417, 3422, 3583, 3621
Institute of Mathematical Sciences	3769
Institute of Nano Science & Technology	456, 706, 764, 1236, 1579, 1634, 1798, 1869, 2326, 3014, 3467, 3531, 3981
Institute of Plasma Research	2219, 2558
Institute of Post Graduate Medical Education & Research & S.S.K.M. Hospital	622, 892, 3393
Institute of Public Enterprise	3609
Institute of Seismological Research	1995, 4102

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Institute of Stem Cell Biology & Regenerative Medicine	1137, 3496
Institute of Transdisciplinary Health Science & Technology	3338
Institute of Wood Science & Technology	205, 2636
Integral University	2260, 3347
Inter University Accelerator Centre	1580, 1751, 3772
Inter University Centre for Astronomy & Astrophysics	3736, 3747, 3754
Interactive Research School for Health Affairs	618, 3591
Intergrated Research & Action for Development	2990
International Advanced Research Centre for Powder Metallurgy & New Materials	2347, 2356, 3003, 4008
International Centre for Genetic Engineering & Biotechnology	288, 289, 303, 306, 459, 589, 648, 666, 722, 926, 1009, 1047, 2442, 3523
International Centre for Theoretical Sciences	3915
International Centre of Radio Science	4123
International Crops Research Institute for the Semi-Arid Tropics	44, 568, 2979
International Institute of Information Technology	368, 369, 370, 1667, 1707, 2372, 2537, 2657, 2801, 2867, 3186, 4045
Islamic University of Science & Technology	954
J.I.S. College of Engineering	2112
J.S.S. College of Pharmacy	880, 3322, 3486
J.S.S. University	999
J.V.R. Government College	1915
Jadavpur University	435, 1480, 1485, 1499, 1521, 1614, 2274, 2420, 2522, 2625, 2712, 2915, 2917, 2936, 3099, 3173, 3198, 3309, 3310, 3399, 3882, 3911, 3996, 4080, 4085
Jagadguru Sri Shivarathreeshwara University	457, 3647
Jain University	2924
Jamal Mohamed College	1433
Jamia Hamdard	307, 1811, 1901, 2656, 3090, 3332
Jamia Millia Islamia	175, 375, 377, 400, 708, 982, 1114, 1463, 1805, 2747, 2965, 3348, 3353, 3660, 3735, 3938, 4004
Jammu University	331, 995, 1968, 2006, 2914, 3153
Jawaharlal Institute of P.G. Medical Education & Research	451, 1227, 3541, 3610, 3629
Jawaharlal Nehru Centre for Advanced Scientific Research	379, 659, 789, 790, 977, 1004, 1542, 1584, 1599, 1611, 1803, 2266, 2377, 2400, 2777, 3768
Jawaharlal Nehru Technological University	2332
Jawaharlal Nehru Tropical Botanic Garden & Research Institute	742, 826
Jawaharlal Nehru University	166, 185, 218, 219, 221, 228, 376, 421, 424, 453, 572, 593, 640, 653, 725, 830, 833, 853, 860, 872, 888, 890, 939, 1023, 1035, 1115, 1138, 1140, 1204, 1465, 1545, 1898, 1922, 3354, 3401, 3506, 3566, 3820, 3984, 4074, 4122
Jaypee Institute of Information Technology	247, 282, 283, 441, 1311, 2242, 3341, 3846
Jaypee University of Information Technology	3752, 3830
Jeevas Social Service Centre	3605
Jeppiaar Engineering College	2634
Jiwaji University	4064
JNTUH College of Engineering	2078, 2094
Jubilee Mission Medical College & Research Institute	3612
Jyothy Institute of Technology	1365, 2267, 2344, 3111
K.J. Somaiya College of Engineering	2633
K.L. University	2035, 3075
K.L.N. College of Information Technology	2750
K.P.R. Institute of Engineering & Technology	1849
K.S. Rangasamy College of Technology	2115
K.V.S.R. Siddhartha College of Pharmaceutical Sciences	3385, 3553
Kakatiya Institute of Technology & Science	2891
Kakatiya University	1772, 3320
Kalasalingam Academy of Research & Higher Education	3836
Kalinga Institute of Industrial Technology University	344, 746, 891, 913, 914, 968, 970, 1400, 2520, 2783, 2802, 3264, 3499, 3867
Kalyani University	182, 197, 1102, 1525, 1644, 1864, 3145, 3311, 3405
Kamaraj College of Engineering & Technology	336
Karnatak University	1260
Karnataka State Council for Science & Technology	2488, 3128
Karnataka Veterinary Animal & Fisheries Sciences University	102, 1258
Karpagam Academy of Higher Education	3592
Karunya University	1693, 1741, 1781, 2226, 3122, 3123
Kashmir University	328, 480, 865, 942, 1068, 1310, 1784, 2045, 2559, 2809, 3177, 3291, 3649, 4095, 4099
Kasturba Medical College & Hospital	3627, 3644, 3679

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Kaynes Technology India Private Limited	2413
Kerala Forest Research Institute	1070
Kerala State Council for Science, Technology & Environment	741
Kerala Technological University	2721
Kerala University	1288, 4047, 4126
KET's V.G. Vaze College of Arts, Science & Commerce	533
Kidwai Memorial Institute of Oncology	965
KIET Group of Institutions	3576
King Edward Memorial Hospital	617
King George's Medical University	889, 1216, 3360, 3436, 3550, 3617
Kirorimal College	818
Kohima Science College	1386
Kongu Arts & Science College	1432
Kongu Engineering College	1910, 3043, 3236, 3256, 3316
Kota University	4053
Krantiguru Shyamji Krishna Verma Kachchh University	4101
Krishna University	3958
Kumaraguru College of Technology	3244
Kumaraguru Institute of Agriculture	1169
Kumaun University	198, 1939
Kurseong College	3989
Kurukshetra University	248, 1966, 2072, 3091, 3326, 3785, 3868
Kuvempu University	1255
L.N.M. Institute of Information Technology	3928, 4020
L.V. Prasad Eye Institute	398, 871, 950, 1159, 3435
Lady Doak College	1241, 1523
Lakireddy Bali Reddy College of Engineering	3245, 3248
Lata Medical Research Foundation	462
Laya Resource Center	80
Loyola Academy Degree & P.G. College	3243
Loyola College	3253, 3827
Lucknow University	1531, 3781
M.L.R. Institute of Technology	2699, 2767, 2793
M.P. Council of Science & Technology	4117
M.S. Ramaiah Indian Centre for Ayurveda & Integrative Medicine	3337
M.S. Ramaiah Institute of Technology	2074, 3103, 3115
M.S. Ramaiah University of Applied Sciences	2262, 3193
M.S. University of Baroda	254, 392, 800, 856, 858, 1145, 1415, 1516, 1518, 1565, 1572, 1659, 1757, 1761, 3383, 3392, 3458, 3504, 3755
M.V.G.R. College of Engineering	2875
Madan Mohan Malaviya University of Technology	3913
Madanapalle Institute of Technology & Science	2772, 3946, 3965
Madhav Institute of Technology & Science	2071
Madras Christian College	409
Madras Diabetes Research Foundation.	3365, 3564
Madras University	554, 604, 993, 1280, 3454, 3563, 3800, 3936
Madras Veterinary College	961
Madura College	4136
Madurai Kamaraj University	514, 668, 1369, 1512, 1624, 1686, 1733, 2363, 2455, 3992
Maharaja Agrasen Institute of Technology	2251
Maharaja Dhiraj Uday Chand Women's College	3304
Maharaja Ganga Singh University	1346
Maharaja's College	2932
Maharana Pratap University of Agriculture & Technology	99, 109
Maharashtra Academy of Engineering & Education Research	3101
Maharashtra Animal & Fishery Sciences University	1247
Maharashtra Association of Anthropological Sciences	3614
Maharashtra Institute of Pharmacy	3571
Maharashtra Institute of Technology	2144, 3082, 3888
Maharashtra University of Health Sciences	812
Maharshi Dayanand University	1698, 3628
Mahatma Gandhi Chitrakoot Gramoday Vishwavidyalaya	1950
Mahatma Gandhi Government Arts College	1092
Mahatma Gandhi Institute of Medical Sciences	3624
Mahatma Gandhi University	3157, 3757
Mahendra Arts & Science College	1439

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Mahendra Engineering College	3250, 3257, 4137
Maitreyi College	928
Malaviya National Institute of Technology (Jaipur)	1543, 1563, 2229, 2452, 2480, 2593, 2781, 2836, 2952, 2956, 3006, 3069, 3138, 3162, 3717, 3906, 3909, 4018
Malnad College of Engineering	2145
Mamatha Makkala Mandira	2500
Mangalore University	516, 3997
Manipal College of Pharmaceutical Sciences	362
Manipal Institute of Regenerative Medicine	445, 3632
Manipal Institute of Technology	750, 2075, 3718
Manipal University	434, 455, 505, 657, 991, 1010, 1180, 1697, 1699, 2525, 2569, 2804, 3495, 3579, 3618, 3850, 4098
Manipur University	1171, 1298, 1482, 1938, 1953, 3799, 4084
Manonmaniam Sundaranar University	3838
Mar Baselios College of Engineering & Technology	3224
Mar Ephraem College of Engineering & Technology	3026
Marri Educational Society Group of Institute	4061
Maulana Azad College	3630
Maulana Azad Institute of Dental Sciences	2311
Maulana Azad Medical College & Associated Hospitals	3416
Maulana Azad National Institute of Technology (Bhopal)	2552, 3109, 3812
Mazumdar Shaw Medical Foundation	268, 521
Meenakshi College of Engineering	2386
Meerut Institute of Engineering & Technology	3442
Mepco Schlenk Engineering College	2246, 2515
Mewat Development Society	1936
Miranda House	3423, 3802
Mizoram University	1368, 3886
Mohanlal Sukhadia University	1813, 3557, 4066
Motilal Nehru National Institute of Technology (Allahabad)	276, 719, 1253, 3217, 3745, 3949
Mukand Lal National College	1133
Mumbai University	1664, 1859, 2233, 3877
Mysore University	524, 981, 1382, 2007, 3577
N.B.K.R. Institute of Science & Technology	2077
N.I.I.T. University	4129
N.S.N. College of Engineering & Technology	2859
N.S.S. College	1807
Nagaland Science & Technology Council	3184
Nagaland University	1943, 3546
Nandha Engineering College	2085
Nansen Environmental Research Centre India	3102
Narayana Nethralaya Foundation	371, 3482
Narula Institute of Technology	2131, 2845
National Agri-Food Biotechnology Institute	326, 334, 541, 955, 957, 3403
National Atmospheric Research Laboratory	4128
National Brain Research Centre	292, 296, 297, 298, 299, 444, 675, 945
National Centre for Biological Sciences	724, 791, 1175, 1328, 1402, 2441
National Centre for Cell Sciences	245, 406, 448, 639, 683, 745, 1012
National Centre for Earth Sciences Studies	152, 2008
National Centre for Polar & Ocean Research	2011
National Centre for Radio Astrophysics	3749, 3758, 3774
National College	1244, 1723, 3061, 3147
National Engineering College	1655
National Institute of Advanced Studies	992, 1536, 2031, 2041, 2258, 3146
National Institute of Animal Biotechnology	250, 565, 570, 623, 761, 893
National Institute of Biomedical Genomics	921, 967
National Institute of Design	2490
National Institute of Food Technology Entrepreneurship & Management	37, 121, 1890
National Institute of Health & Family Welfare	3650
National Institute of Hydrology	2046, 3151, 3174
National Institute of Immunology	178, 312, 349, 425, 620, 635, 665, 680, 766, 793, 886, 896, 897, 936, 1039, 1040, 1057, 1219, 3387, 3477, 3498, 3665
National Institute of Mental Health & Neuro Sciences	226, 345, 1163, 1196, 1340, 2259, 2265, 2618, 3358, 3380
National Institute of Pharmaceutical Education & Research	359, 512, 845, 988, 1168, 1187, 1762, 3406, 3457, 3470, 3532, 3596
National Institute of Plant Genome Research	232, 233, 234, 235, 269, 567, 603, 852, 984, 1046, 1096, 1343
National Institute of Science & Technology	2104, 2612, 2732, 2876, 3087, 3282

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National Institute of Science Education & Research	327, 1194, 1626, 1702, 1705, 2191, 3792, 3891, 3917
National Institute of Solar Energy	3229
National Institute of Technical Teachers Training & Research	42, 3397
National Institute of Technology (Agartala)	1942, 2162, 2548, 2602
National Institute of Technology (Arunachal Pradesh)	2689, 2765, 2818, 3280, 3283, 3896
National Institute of Technology (Delhi)	2710, 3950
National Institute of Technology (Durgapur)	473, 647, 1473, 1826, 1848, 2426, 2508, 2589, 2643, 2894, 2923, 2941, 3016, 3307, 3811
National Institute of Technology (Goa)	2672, 2697, 2703, 2716, 2720, 2739, 2740, 2821
National Institute of Technology (Hamirpur)	2183, 2764, 2833, 2881, 3078, 3097, 3272
National Institute of Technology (Jamshedpur)	1979, 3312
National Institute of Technology (Karnataka)	1005, 1449, 1469, 1534, 1965, 2205, 2380, 2467, 2506, 2512, 2517, 2659, 2660, 2686, 2722, 2778, 2788, 2790, 2803, 2877, 2913, 3025, 3298, 3474, 3916
National Institute of Technology (Kozhikode)	3956
National Institute of Technology (Kurukshetra)	728, 1863, 2535, 2760, 2888, 2939, 3028, 3978
National Institute of Technology (Meghalaya)	1490, 2410, 2607, 2673, 2861, 2935
National Institute of Technology (Mizoram)	3293
National Institute of Technology (Nagaland)	1855, 2949
National Institute of Technology (Patna)	2631, 2717, 2768, 2775, 2847, 2864, 2866, 2872, 3777
National Institute of Technology (Puducherry)	2516, 2707, 2998, 3271
National Institute of Technology (Raipur)	366, 2313, 2591, 2693, 2738, 2779, 2834, 2880, 2897, 2930, 3262, 3276, 3947
National Institute of Technology (Rourkela)	47, 120, 452, 513, 601, 827, 1141, 1375, 1557, 1720, 1778, 1837, 1992, 2048, 2049, 2158, 2177, 2180, 2218, 2257, 2409, 2416, 2440, 2534, 2539, 2554, 2737, 2759, 2784, 2792, 2931, 2968, 3104, 3141, 3142, 3285, 3574, 3724, 3875, 4075, 4097, 4104
National Institute of Technology (Silchar)	1728, 1818, 2171, 2381, 2543, 2664, 2883
National Institute of Technology (Srinagar)	1556
National Institute of Technology (Tiruchirapalli)	1551, 1647, 1879, 1892, 2243, 2457, 2544, 2599, 2922, 2996, 3004, 3171, 3223, 3411, 3723, 3895, 4033
National Institute of Technology (Warangal)	1458, 1568, 2208, 2210, 2530, 2545, 2570, 2610, 2639, 2654, 2742, 2745, 2754, 2805, 2885, 2909, 3375, 3554, 3977, 4034
National Institute of Tuberculosis & Respiratory Diseases	591
National Institute of Virology	3448, 3472, 3590, 3599
National Remote Sensing Centre	2003, 4125
National Research Centre for Agroforestry	1231
Nature Conservation Foundation	1103
Netaji Subhas Institute of Technology	3493
New Horizon College of Engineering & Technology	2123
Newman College	1630
Neyyattinkara Integral Development Society	2499
Nirma University	2230, 3339
Nitte Meenakshi Institute of Technology	2133, 3044
Nitte University	1006, 1008
Nittee Mahalinga Aadyanthaya Memorial Institute of Technology	2082, 2110
Nizam's Institute of Medical Sciences	3434, 3466
North Bengal University	45, 1651, 3902, 3985
North Eastern Regional Institute of Sciences & Technology	124, 1782
North Maharashtra University	2905, 4028, 4071
North Orissa University	1174
North-Eastern Hill University	973, 1118, 1596, 1639, 1740, 1957, 2524
NSHM Knowledge Campus	3555
Omcar Foundation	1947
Osmania University	171, 1123, 1900, 2403, 3112, 3810, 3814, 3988
P.D. Hinduja National Hospital & Medical Research Centre	877
P.E.S. College of Engineering	2146, 2147
P.E.S. Institute of Technology	2290
P.E.S. University	3215, 3222
P.G. Institute of Medical Education & Research	164, 324, 355, 442, 501, 731, 762, 786, 798, 854, 881, 1222, 1237, 3369, 3396, 3427, 3443, 3455, 3468, 3515, 3526, 3589, 3625, 3626
P.S. Government Degree College	1435, 1906
P.S.G. College of Technology	238, 433, 2330, 2450, 2757, 3089, 3212
P.S.G. Institute of Advanced Studies	1538, 2549, 3815, 3910
Pachhunga University College	1952, 3763, 3993
Padmashree Dr. D.Y. Patil Institute of Engineering & Technology	2107
Pandit Deendayal Petroleum University	2665, 3118
Pandit Jawaharlal Nehru College of Agricultural & Research Institute	15

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Panimalaar Engineering College	2108
Panjab University	32, 154, 157, 161, 460, 844, 882, 956, 1172, 1250, 1252, 1264, 1279, 1367, 1372, 1472, 1527, 1687, 1759, 1774, 1817, 1820, 1927, 2002, 2264, 3638, 3695, 3935, 3995
Panskura Banamali College	1791
Periyar University	458, 1498, 3136, 3980, 4052, 4111
Physical Reserch Laboratory	3767, 4114
Pillai College of Engineering	1899
Pillai's Institute of Information Technology, Engineering, Media Studies & Research	2087
Pluss Advanced Technologies Private Limited	2371
Poeir Jets Private Limited	2433
Pondicherry Engineering College	2097
Pondicherry University	652, 673, 1243, 1492, 1502, 1588, 2375, 2542, 3299, 3847, 3982, 4103
Poornaprajna Institute of Scientific Research	3725, 3905
Poornima University	2832
Presidency University	184, 1503
Primaacs Project Consultants LLP	986
Prist University	3957
Priyadarshini J.L. Chaturvedi College of Pharmacy	3334
Prof. Jayashankar Telangana State Agricultural University	94, 1058
Progressive Education Society's Modern College of Arts, Science & Commerce	1085
Pt. Ravishankar Shukla University	1640, 1840, 3556
Punjab Agricultural University	5, 28, 36, 53, 58, 59, 71, 105, 119, 236, 535, 656, 691, 978, 979, 1225, 1357
Punjab Engineering College University of Technology	1730, 2254, 2529, 2532, 2615
Punjabi University	3333, 3424
R.C. Patel College of Pharmacy	1199
R.C. Patel Institute of Pharmaceutical Education & Research	3331, 3520
R.V. College of Engineering	251, 2101, 2102, 2121, 2644, 4025
Radhe Hari Government Post Graduate College	1094
Raghavendra Institute Pharmaceutical Education & Research	3319, 3327, 3681, 3684, 3685, 3686, 3687, 3693
Rajalakshmi Engineering College	2248
Rajasthan University	107, 1320, 1408, 3178, 4014
Rajeev Gandhi Memorial College of Engineering & Technology	2895
Rajendra Agricultural University	16
Rajiv Gandhi Centre for Biotechnology	173, 209, 291, 482, 530, 637, 649, 804, 808, 906, 907, 908, 910, 911, 966, 1002, 1050, 1081, 1125, 1228, 1865, 3479, 3529
Rajiv Gandhi Institute of Information Technology & Biotechnology	699
Rajiv Gandhi Institute of Petroleum Technology	1665
Rajiv Gandhi Memorial College of Engineering & Technology	3897
Rajiv Gandhi University	1072, 1447, 3607
Ramakrishna Mission Residential College	1636
Ramakrishna Mission Vivekananda Centenary College	305
Ramakrishna Mission Vivekananda College	1230, 3880
Ramakrishna Mission Vivekananda University	2985
Raman Research Institute	3771
Ramjas College	774
Rashtrasant Tukadoji Maharaj Nagpur University	1282, 1620, 3335, 3822
Ravenshaw University	1034, 1448, 1734, 2283, 3803
Regional Agricultural Research Station	95
Regional Cancer Centre	347, 909, 912, 1221, 1399
Regional Centre for Biotechnology	212, 229, 230, 391, 662, 670, 837, 839, 870, 1152
Reva University	2817
Rubber Research Institute of India	1124
Rungta College of Engineering & Technology	2098, 2143
Rural Agricultural Development Society	76
S.M. Sehgal Foundation	3166
S.N. Bose National Centre for Basic Sciences	1689, 3780, 4091
S.P. Medical College	358
S.R.M. Dental College	3585
S.R.M. Institute of Sciences & Technology	357, 1877, 3110
S.R.M. University	222, 224, 557, 768, 1000, 1220, 1232, 1426, 1662, 1712, 1715, 1789, 1797, 1806, 1969, 2245, 2291, 2560, 2723, 2729, 2746, 2815, 2826, 2853, 3058, 3164, 3227, 3518, 3931, 3945, 4036
S.S. Jain Subodh P.G. College	3923
S.S.M. Institute of Engineering & Technology	1800
S.S.N. College of Engineering	2069, 2137, 2841, 2887, 2954, 3051, 3710, 3818, 3843, 3866, 4031

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S.V. College of Engineering & Technology	3259
Sacred Heart College	1049
Sagar Institute of Research & Technology	2706
Sagi Ramakrishnam Raju Engineering College	2106, 3239
Saha Institute of Nuclear Physics	2268
Sahyadri College of Engineering & Management	2128
Sai Institute of Rural Development	3034
Sainergy Fuel Cell India Private Limited	1564
Sambalpur University	4021
Sanjay Gandhi P.G. Institute of Medical Sciences	506, 702, 814, 2619
Saranathan College of Engineering	2091, 3007
Saraswathi Narayana College	1904
Sarat Centenary College	1143
Sardar Patel University	754, 1853
Sardar Vallabh Bhai Patel University of Agriculture & Technology	66, 747
Sardar Vallabhbhai National Institute of Technology (Surat)	1654, 1819, 1842, 2609, 2647, 2951, 3056, 3096, 3221, 3813, 3987
Saroj Gupta Cancer Centre & Research Institute	1414
SASTRA University	1028, 1215, 1643, 1717, 1732, 2546, 2579, 2735, 2796, 2799, 2835, 3135, 3346, 3513, 3892
Sathyabama University	1917
Savitribai Phule Pune University	264, 1156, 1902, 1919, 2012, 2020, 2337, 3294, 3492, 4027, 4078
School of Pharmaceutical Sciences	1390
School of Planning & Architecture	2436
Sethu Institute of Technology	3941, 4038
Shaheed Rajguru College of Applied Sciences for Women	2819
Sharda University	3722
Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu)	65, 686, 692, 693, 864, 1146
Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir)	19, 49, 72, 450, 703, 899, 1106, 1148, 3068, 3536
Sher-I-Kashmir Institute of Medical Sciences	467, 3419
Sheth M.C. College of Dairy Science	91
Shiv Nadar Foundation	834
Shiv Nadar University	176, 2160, 2247, 2288, 2301, 2874, 3719, 3970, 4024
Shivaji University	630, 3314, 3750
Shoolini University	54, 1303, 3636
Shri Govindram Seksaria Institute of Technology & Science	2070
Shri Guru Gobind Singhji Institute of Enginerring & Technology	2080
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Shri Mata Vaishno Devi University	1261, 3284
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Shriram Institute for Industrial Research	3071
Siddaganga Institute of Technology	1793
Sikkim Manipal Institute of Medical Sciences	3620
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Siliguri Institute of Technology	3713, 3801
Sir M. Visvesvaraya Institute of Technology	1307
Sir P.T. Sarvajanik College of Science	4118
Social Action for Rural Community	2504
Society for Applied Microwave Electronics Engineering & Research	112, 2198
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Society for Rural Agriculturists & Mass Awareness	2497
Society for Technology & Development	63, 2502
Solapur University	3865
Sona College of Engineering	2093
Sona College of Technology	2135, 3049
South Asian University	177, 2270
Sree Buddha College of Engineering	846
Sree Chitra Tirunal Institute for Medical Sciences & Technology	240, 484, 758, 885, 3483, 3588
Sree Neelakanta Government Sanskrit College	1477
Sree Vidyanikethan Engineering College	3048, 3119
Sreenidhi Institute of Science & Technology	1437, 1909, 3240, 3690
Sri Dharmasthala Manjunatheswara College of Ayurveda & Hospitals	3420
Sri Jayachamarajendra College of Engineering	3130
Sri Krishna College of Engineering & Technology	3045, 3046, 3260
Sri Krishnadevaraya University	4
Sri Padmavati Mahila Visvavidyalayam	1254, 1263, 1431
Sri Ramachandra Medical College & Research Institute	3037

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Sri Ramachandra University	2989
Sri Ramakrishna Engineering College	2095, 2105, 2125, 3238, 3241, 4069
Sri Ramakrishna Mission Vidyalaya College of Arts & Science	3806
Sri S. Ramasamy Naidu Memorial College	3237, 4131, 4132
Sri Sai Ram Engineering College	2138
Sri Sathya Sai Institute of Higher Learning	1520, 2325
Sri Shakthi Institution of Engineering & Technology	1987, 3796
Sri Shivani College of Pharmacy	3581
Sri Venkateswara Agicultural College	87
Sri Venkateswara College of Engineering	2004, 2140, 2770, 3195, 3199
Sri Venkateswara College of Pharmacy	3329, 3691
Sri Venkateswara University	1067, 1245, 1296, 1454, 1571, 4108
Sri Venkateswara Veterinary University	585, 994, 1185
St. John's Medical College & Hospital	785, 3519
St. John's Research Institute	267, 388, 461, 658, 3412
St. Joseph College of Engineering	2114
St. Martin's Engineering College	2510
St. Stephen's College	1674
St. Thomas College	2408
St. Xavier's College	1601
St. Xavier's College for Women	1147
Sukumar Sengupta Mahavidalaya	2752
Suresh Gyan Vihar University	4112
SVKM's Narsee Monjee Institute of Management Studies	1179, 1361, 3545
Swami Vivekananda Yoga Anusandhana Samsthana	3362, 3363, 4000
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ADDRESS OF FUNDING AGENCIES

1 All India Council for Technical Education (AICTE)
Nelson Mandela Marg,
New Delhi - 110070

2 Council of Scientific and Industrial Research (CSIR)
CSIR Complex, Pusa
New Delhi - 110012

3 Defence Research & Development Organisation (DRDO)
Dte. of Extramural Research & Intellectual
Property Rights, DRDO Bhawan, Rajaji Marg
New Delhi – 110011

4 Department of Atomic Energy (DAE)
B.R.N.S. Secretariat,
B.A.R.C.
Mumbai – 400085

5 Department of Bio-Technology (DBT)
Ministry of Science and Technology
Block 2, CGO Complex, Lodhi Road
New Delhi – 110003

6 Department of Coal (DOC)
Central Mine Planning and Design Institute Ltd.
Gondwana Place, Konde Road
Ranchi – 834008

7 Department of Science and Technology (DST)
Technology Bhawan, New Mehrauli Road
New Delhi – 110 016

8 Department of Scientific & Industrial Research (DSIR)
Technology Bhawan, New Mehrauli Road
New Delhi – 110016

9 Indian Council of Agricultural Research (ICAR)
Krishi Anusandhan Bhawan-II, Pusa
New Delhi – 110012

10 Indian Council of Medical Research (ICMR)
Ansari Nagar, Post Box 4911
New Delhi – 110029

11 Indian Space Research Organisation (ISRO)
Department of Space, ISRO Headquarters
Antariksh Bhawan, New Bel Road
Bangalore – 560094

12 Ministry of AYUSH
AYUSH Bhawan, GPO Complex
B-Block, INA
New Delhi – 110023

13 Ministry of Electronics & Information Technology (MEITY)
Electronic Niketan, CGO Complex, Lodhi Road
New Delhi – 110003

14 Ministry of Earth Sciences (MoES)
Prithvi Bhavan, Opposite India Habitat Centre, Lodhi
Road, New Delhi - 110 003

15 Ministry of Environment, Forests & Climate Change
(MOEFCC)
Satellite Division, Prithvi Bhavan, Jorbagh
New Delhi – 110003

16 Ministry of New & Renewable Energy (MNRE),
Block – 14, CGO Complex, Lodhi Road
New Delhi – 110003

17 Ministry of Power (MOP)
Central Power Research Institute
Prof. Sir C.V. Raman Road
Sadashivanagar, Sub Post Office, P.B. No 8066
Bangalore – 560080

18 Ministry of Steel (MOS)
Udyog Bhavan
New Delhi – 110011

19 Ministry of Water Resources (MOWR)
River Development & Ganga Rejuvenation
R&D Division, Wing No. 4, Ist Floor, West Block No. 1
R.K. Puram, New Delhi - 110066

20 Petroleum Conservation Research Association (PCRA)
Sanrakshan Bhavan, 10, Bhikaji Cama Place
New Delhi – 110066

21 University Grants Commission (UGC)
Bahadur Shah Zafar Marg
New Delhi – 110002

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
1	A.D. Patel Institute of Technology	1	23.87	737
2	A.N. College	1	62.82	423
3	Aaranyak	1	53.86	470
4	Acharya & B.M. Reddy College of Pharmacy	1	41.32	552
5	Acharya Institute of Health Sciences	1	11.00	863
6	Acharya Institute of Technology	1	31.01	661
7	Acharya N.G. Ranga Agricultural University	4	198.27	194
8	Acharya Nagarjuna University	1	29.96	675
9	Adamas University	1	28.54	693
10	Adhiyamaan College of Engineering	6	158.06	228
11	Aditya Institute of Technology & Management	1	35.34	611
12	Advanced Centre for Treatment Research & Education in Cancer	4	168.64	217
13	Agharkar Research Institute	11	361.81	117
14	Agricultural College & Research Institute.	1	241.17	164
15	Agricultural Sciences University	12	365.25	115
16	Ahmedabad University	4	146.50	241
17	Ahmednagar College	1	24.35	731
18	AISSMS College of Pharmacy	1	23.53	741
19	Alagappa Government Arts College	1	27.90	697
20	Alagappa University	10	325.70	131
21	Aliah University	1	91.24	321
22	Aligarh Muslim University	12	312.38	138
23	All India Institute of Medical Sciences	83	5348.16	5
24	Allahabad University	4	558.29	84
25	Allied Engineering Works Private Ltd.	1	150.00	238
26	Amal Jyothi College of Engineering	1	35.05	614
27	Amity Institute of Biotechnology	2	67.57	405
28	Amity University	32	1006.74	35
29	Amrita Centre for Nanosciences & Molecular Medicine	1	37.38	589
30	Amrita Institute of Medical Sciences & Research Centre	3	83.29	344
31	Amrita School of Engineering	2	37.33	591
32	Amrita Vishwa Vidyapeetham	14	337.52	126
33	Anand Agricultural University	4	69.84	394
34	Andhra University	2	34.57	618
35	Anna University	28	815.89	46
36	Anna University of Technology	1	31.17	660
37	Annamalai University	11	461.08	94
38	Apollo Institute of Medical Sciences & Research	2	78.39	359
39	Aravind Medical Research Foundation	4	613.59	74
40	Army Research & Referral Hospital	1	43.64	527
41	Arshabharath Bahujana Bodhavatkarana Grama Vikasna Samithi	1	32.98	634
42	Arumugam Pillai Seethai Ammal College	1	2.09	923
43	Aryabhatta Research Institute of Observational Sciences	3	56.22	453
44	Asansol Engineering College	1	15.67	832
45	Ashoka Trust for Research in Ecology & the Environment	2	164.29	222
46	Assam Agricultural University	8	453.89	96
47	Assam University	8	247.26	163
48	Asutosh College	2	32.57	642
49	Atal Bihari Vajpayee-Indian Institute of Information Technology & Management	2	40.01	559
50	Auroville Centre for Scientific Research	1	87.76	328
51	Avinashilingam Institute for Home Science & Higher Education for Women	3	63.45	421
52	B.S. Abdur Rahman University	2	37.82	581
53	B.V. Patel Pharmaceutical Education & Research Development Centre	1	42.58	539
54	B.V. Raju Institute of Technology	1	9.63	873
55	B.V.V. Sangha's Basaveshwar Engineering College	2	16.48	820
56	Baba Farid University of Health Sciences	1	27.61	702
57	Babasaheb Bhimrao Ambedkar University	5	296.16	143
58	Babu Nature Cure Hospital & Yogashram	1	33.82	623
59	Balaji Institute of Pharmaceutical Sciences	1	36.43	600
60	Banaras Hindu University	35	2180.25	14
61	Banasthali Vidyapeeth	2	44.21	523
62	Bangalore Institute of Oncology	1	55.52	457
63	Bangalore University	5	179.72	209
64	Bankura University	1	22.59	752
65	Bannari Amman Institute of Technology	3	27.44	707
66	Barkatullah Vishwavidyalaya	2	32.51	645
67	Basti Area Development Council	1	20.54	780
68	Bennett University	1	46.10	507
69	Berhampur University	1	38.06	579
70	Besant Theosophical College	1	3.30	915
71	Bhabha Atomic Research Centre	4	335.37	127
72	Bhagwan Mahavir Hospital & Research Centre	1	18.74	792

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
73	Bharat Heavy Electricals Limited	2	1416.63	21
74	Bharathiar University	13	356.98	118
75	Bharathidasan University	13	451.45	97
76	Bharati Vidyapeeth University	6	260.51	158
77	Bhavan's College	1	39.92	560
78	Bidhan Chandra Krishi Viswavidyalaya	3	90.53	323
79	Bihar Agricultural University	1	1.21	935
80	Biotech Consortium India Limited	1	346.72	122
81	Bioved Research Institute of Agriculture, Technology & Science	1	18.24	804
82	Birbal Sahni Institute of Palaeobotany	1	19.83	784
83	Birla Institute of Technology & Science (Pilani)	37	1346.40	23
84	Birla Institute of Technology (Mesra)	17	486.53	91
85	Bishop Heber College	1	28.30	694
86	Bodoland University	1	21.35	769
87	Bose Institute	14	810.80	47
88	Bundelkhand University	4	98.21	311
89	Burdwan University	10	386.56	113
90	C. Abdul Hakeem College	2	129.42	264
91	C.L. Patel Institute of Studies & Research in Renewable Energy	1	30.61	667
92	C.M.R. College of Engineering & Technology	1	18.58	797
93	C.M.R. College of Pharmacy	4	2.65	919
94	C.T. University	1	4.72	906
95	C.V. Raman College of Engineering	2	42.62	537
96	C.V.R. College of Engineering	2	57.24	445
97	Calcutta School of Tropical Medicine	2	287.10	145
98	Calcutta University	24	646.83	66
99	Calicut University	1	29.95	676
100	Cast Craft Private Limited	1	45.00	516
101	Cauvery College for Women	4	6.75	890
102	Central Agricultural University	4	125.12	271
103	Central Himalayan Environment Association	1	30.83	665
104	Central Institute of Plastics Engineering & Technology	5	314.38	137
105	Central Institute of Temperate Horticulture	1	37.49	587
106	Central Muga Eri Research & Training Instittue	1	14.79	839
107	Central Power Research Institute	1	23.06	747
108	Central Sericultural Research & Training Institute	1	33.71	626
109	Central Tasar Research & Training Institute	4	152.05	232
110	Central University of Assam	1	31.30	658
111	Central University of Bihar	1	34.74	617
112	Central University of Gujarat	4	127.52	267
113	Central University of Haryana	2	79.03	355
114	Central University of Jammu	2	76.43	366
115	Central University of Jharkhand	3	171.83	214
116	Central University of Kashmir	1	5.04	902
117	Central University of Kerala	4	132.20	255
118	Central University of Punjab	4	149.59	240
119	Central University of Rajasthan	8	190.38	200
120	Central University of Tamil Nadu	5	170.07	215
121	Central University of Tripura	1	18.41	802
122	Centre for Advanced Research & Development	1	23.77	738
123	Centre for Applied Research & Development	1	181.27	206
124	Centre for Biomedical Research	2	99.91	310
125	Centre for Biopolymer Science & Technology	1	42.65	536
126	Centre for Development of Advanced Computing (C-DAC)	5	316.49	136
127	Centre for DNA Fingerprinting & Diagnostics	10	526.71	89
128	Centre for Environment Planning & Technology University	1	576.44	82
129	Centre for Innovation & Applied Bioprocessing	1	47.69	500
130	Centre for Materials for Electronics Technology (C-MET)	4	142.91	243
131	Centre for Nano & Soft Matter Sciences	3	78.83	356
132	Centre for Natural Biological Resources & Community Development	1	35.92	604
133	Centre for Pharmaceutical Sciences & Natural Products	1	9.02	878
134	Centre for Policy Research	1	164.80	221
135	Centre for Water Resources Development & Management	2	62.40	424
136	Centre of Biomedical Research	1	36.52	599
137	Centre of Innovative Applied Bio Processing	2	128.17	266
138	Ch. Charan Singh University	6	166.79	219
139	Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya	4	115.75	287
140	Chacha Nehru Bal Chikitsalaya	1	43.64	528
141	Chaitanya Bharathi Institute of Technology	1	1.20	937
142	Chaitanya Post Graduate College	4	5.90	895
143	Chalapathi Institute of Pharmaceutical Sciences	1	10.12	869
144	Chandigarh University	3	74.71	373

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
145	Chandra Shekhar Azad University of Agriculture & Technology	3	125.85	269
146	Chandubhai S. Patel Institue of Technology	1	15.88	828
147	Charotar University of Science & Technology	1	44.96	517
148	Chaudhary Devi Lal University	1	28.81	688
149	Chennai Mathematical Institute	1	26.64	716
150	Chettinad Academy of Research & Education	1	6.00	894
151	Chettinad Health & Research Institute	1	10.80	865
152	Chikkaiah Naicker College	2	39.42	567
153	Chittaranjan National Cancer Institute	1	30.50	669
154	Christ College	1	50.30	484
155	Christ University	2	27.88	698
156	Christian College	1	24.17	734
157	Christian Medical College	8	405.61	111
158	Christian Medical College & Hospital	3	198.86	193
159	Cochin University of Science & Technology	17	658.56	62
160	Coimbatore Institute of Engineering & Technology	2	103.59	305
161	College of Agricultural Engineering	1	19.16	789
162	College of Agriculture	1	18.43	801
163	College of Engineering	5	131.25	260
164	College of Food Science & Technology	1	33.16	631
165	College of Horticulture	1	5.21	901
166	College of Veterinary & Animal Sciences	1	35.52	609
167	College of Veterinary Science	1	47.93	497
168	Cotton College State University	1	41.05	553
169	Cotton University	1	32.70	640
170	CSIR-Central Building Research Institute	4	165.97	220
171	CSIR-Central Drug Research Institute	17	741.86	52
172	CSIR-Central Electrochemical Research Institute	5	111.00	296
173	CSIR-Central Electronics Engineering Research Institute	4	174.15	212
174	CSIR-Central Food Technological Research Institute	9	354.33	121
175	CSIR-Central Glass & Ceramic Research Institute	7	155.43	231
176	CSIR-Central Institute of Medicinal & Aromatic Plants	13	546.59	85
177	CSIR-Central Institute of Mining & Fuel Research	2	598.29	76
178	CSIR-Central Leather Research Institute	5	124.61	273
179	CSIR-Central Mechanical Engineering Research Institute	5	131.90	256
180	CSIR-Central Salt & Marine Chemicals Research Institute	12	438.57	103
181	CSIR-Central Scientific Instruments Organization	10	332.87	129
182	CSIR-Centre for Cellular & Molecular Biology	8	340.34	124
183	CSIR-Indian Institute of Chemical Biology	14	618.96	72
184	CSIR-Indian Institute of Chemical Technology	31	1444.20	20
185	CSIR-Indian Institute of Integrative Medicine	11	468.46	92
186	CSIR-Indian Institute of Petroleum	2	113.30	295
187	CSIR-Indian Institute of Toxicology Research	10	432.76	106
188	CSIR-Industrial Toxicology Research Centre	1	42.51	541
189	CSIR-Institute of Genomics & Integrative Biology	15	658.35	63
190	CSIR-Institute of Himalayan Bioresource Technology	4	157.22	230
191	CSIR-Institute of Microbial Technology	5	184.54	204
192	CSIR-Institute of Minerals & Materials Technology	3	145.48	242
193	CSIR-National Aerospace Laboratories	6	252.56	161
194	CSIR-National Botanical Research Institute	13	544.51	86
195	CSIR-National Chemical Laboratory	25	1061.00	34
196	CSIR-National Environmental Engineering Research Institute	8	337.70	125
197	CSIR-National Geophysical Research Institute	5	115.79	286
198	CSIR-National Institute for Interdisciplinary Science & Technology	11	445.27	100
199	CSIR-National Institute of Oceanography	13	695.20	56
200	CSIR-National Metallurgical Laboratory	2	131.58	258
201	CSIR-National Physical Laboratory	4	1976.07	15
202	CSIR-North East Institute of Science & Technology	5	184.90	203
203	D.A.V. College	1	5.00	903
204	D.A.V. University	2	32.70	639
205	Dayalbagh Educational Institute	3	87.16	330
206	Dayananda Sagar College of Engineering	5	56.36	451
207	Dayananda Sagar University	3	81.38	348
208	Deenbandhu Chhotu Ram University of Science & Technology	4	68.11	400
209	Deendayal Upadhyay Gorakhpur University	1	21.85	760
210	Deepak Foundation	1	39.37	568
211	Defence Institute of Advanced Technology	2	64.92	417
212	Dehradun Institute of Technology	3	76.19	368
213	Delhi Institute of Pharmaceutical Sciences & Research	1	33.59	628
214	Delhi Institute of Tool Engineering	1	17.74	808
215	Delhi Technological University	6	431.98	107
216	Delhi University	44	2192.74	13

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
217	Department of Molecular Reproduction, Development and Genetics	1	32.53	643
218	Devi Ahilya Vishwavidyalaya	2	58.55	442
219	Dhirubhai Ambani Institute of Information Communication Technology	1	22.17	758
220	Dibrugarh University	2	16.40	822
221	Digital India Corporation	1	60.65	430
222	Don Bosco College of Engineering	1	13.54	846
223	Doon University	4	151.98	233
224	Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences	1	24.02	736
225	Dr. A.P.J. Abdul Kalam Government College	1	49.83	488
226	Dr. B.R. Ambedkar Centre for Biomedical Research	1	81.27	350
227	Dr. B.R. Ambedkar National Institute of Technology (Jalandhar)	3	109.85	299
228	Dr. Babasaheb Ambedkar Marathwada University	1	45.25	511
229	Dr. D.Y. Patil University	2	78.81	357
230	Dr. Hari Singh Gour Central University	6	256.45	159
231	Dr. M.G.R. Educational & Research Institute	1	75.00	371
232	Dr. M.L. Dhawale Memorial Trust	1	59.54	438
233	Dr. Mahalingam College of Engineering & Technology	2	18.15	805
234	Dr. Panjabrao Deshmukh Krishi Vidyapeeth	1	11.07	862
235	Dr. Ram Manohar Lohia Hospital	1	73.26	380
236	Dr. Reddy Institute of Life Sciences	2	80.54	351
237	Dr. Sivanthi Aditanar College of Engineering	1	1.18	938
238	Dr. Y.S. Parmar University of Horticulture & Forestry	4	91.73	319
239	Dum Dum Motijheel College	1	33.56	629
240	East West Institute of Technology	1	22.60	751
241	Easwari Engineering College	1	33.06	633
242	Er. Perummal Manimekali College of Engineering	1	56.43	450
243	Ester Industries Limited	1	75.00	372
244	Eternal University	2	36.06	602
245	Fakhruddin Ali Ahmed Medical College	1	7.63	884
246	Forest Research Institute	3	83.96	340
247	Foundation for Ecological Research, Advocacy & Learning	2	85.80	333
248	Fragrance & Flavour Development Centre	1	29.27	686
249	G. Pullaiah College of Engineering & Technology	1	47.51	502
250	G.B. Pant Institute of Himalayan Environment Development	1	39.64	566
251	G.B. Pant University of Agriculture & Technology	4	136.84	250
252	G.H, Patel College of Engineering & Technology	1	10.35	867
253	G.H. Raisoni College of Engineering	1	4.47	908
254	G.M.R. Institute of Technology	3	73.53	379
255	G.V.P. College of Engineering	1	1.80	926
256	Gadag Institute of Medical Sciences	1	48.95	493
257	Gandhi Institute of Engineering & Technology	2	60.56	431
258	Gandhigram Rural University	5	117.89	284
259	Gauhati Medical College Hospital	2	74.19	376
260	Gauhati University	9	328.71	130
261	Gautam Buddha University	4	163.22	224
262	Gayatri Vidya Parishad College of Engineering	2	49.09	490
263	General Hospital	1	136.38	252
264	GITAM University	8	224.44	173
265	Goa University	4	131.28	259
266	Gokaraju Rangaraju Institute of Engineering & Technology	1	20.97	773
267	Goswami Ganesh Dutta Sanatan Dharma College	1	24.31	732
268	Gourishankar Institute of Pharmaceutical Education & Research	1	42.99	531
269	Government Arts College	1	1.60	930
270	Government Arts College for Women	1	1.70	929
271	Government College for Men	1	1.53	931
272	Government College for Women	1	4.15	910
273	Government College of Engineering	4	81.37	349
274	Government College of Engineering & Ceramic Technology	2	53.73	473
275	Government College of Pharmacy	1	5.88	897
276	Government College of Technology	1	6.47	891
277	Government Dungar College	1	14.37	841
278	Government Engineering College	1	63.00	422
279	Government Hospital of Thoracic Medicine	1	260.53	156
280	Government Medical College	2	75.41	369
281	Government of Arunachal Pradesh	1	204.36	186
282	Government of Haryana	1	200.90	189
283	Government of Maharashtra	1	261.75	154
284	Government of Odisha	1	228.62	170
285	Graphic Era University	1	20.84	776
286	Grasim Industries Limited	1	14.35	842
287	Greenvironment Innovation & Marketing India (P) Ltd.	1	60.55	432
288	Gujarat Energy Research & Management Institute	1	17.73	809

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
289	Gujarat Forensic Science University	1	10.00	870
290	Gujarat Institute of Desert Ecology	1	16.80	817
291	Gujarat University	2	38.81	574
292	Gulbarga University	2	50.79	482
293	Guru Angad Dev Veterinary & Animal Science University	3	61.49	429
294	Guru Ghasidas University	3	106.04	302
295	Guru Govind Singh Indraprastha University	3	150.16	234
296	Guru Jambeshwar University of Science & Technology	4	115.73	288
297	Guru Nanak College	1	20.80	777
298	Guru Nanak Dev University	13	413.13	108
299	Guru Nanak Institutions Technical Campus	1	6.35	892
300	Gurukula Kangri University	2	47.89	498
301	H.L.L. Life Care Limited	1	46.69	505
302	Haffkine Institute for Training, Research & Testing	1	22.36	756
303	Haldia Institute of Technology	2	73.23	381
304	Harish-Chandra Research Institute	1	24.04	735
305	Hemwati Nandan Bahuguna Garhwal University	1	62.37	425
306	Heritage Conservation Management Services	1	7.50	885
307	Himachal Pradesh Council for Science, Technology & Environment	1	355.23	119
308	Himalayan Environmental Studies & Conservation Organisation	1	140.47	244
309	Hindustan Institute of Technology & Science	2	54.29	468
310	Hirabai Cowasji Jehangir Medical Research Institute	1	44.77	519
311	Hojai College	1	18.00	807
312	Holy Cross College	1	29.62	681
313	Homi Bhabha Cancer Hospital & Research Centre	1	67.53	408
314	Hooghly Engineering & Technology College	1	18.69	793
315	Horticultural College & Research Institute	1	23.21	746
316	Human Development - Centre for Development Action & Research	1	36.97	593
317	Hyderabad University	30	1188.29	30
318	ICAR-Central Agricultural Research Institute	1	16.47	821
319	ICAR-Central Avian Research Institute	1	55.66	456
320	ICAR-Central Coastal Agricultural Research Institute	1	28.68	690
321	ICAR-Central Institue of Freshwater Aquaculture	3	448.49	98
322	ICAR-Central Institute for Cotton Research	2	83.49	342
323	ICAR-Central Institute for Fisheries Education	2	120.42	283
324	ICAR-Central Institute for Research on Cattle	1	32.11	649
325	ICAR-Central Institute for Research on Cotton Technology	2	195.14	196
326	ICAR-Central Institute for Research on Goats	2	79.93	352
327	ICAR-Central Institute of Agricultural Egineering	1	39.89	561
328	ICAR-Central Institute of Brackishwater Aquaculture	1	54.50	465
329	ICAR-Central Institute of Farming Systems Research	1	30.27	671
330	ICAR-Central Institute of Freshwater Aquaculture	2	121.85	279
331	ICAR-Central Institute of Research on Buffaloes	1	6.20	893
332	ICAR-Central Marine Fisheries Research Institute	3	72.70	383
333	ICAR-Central Potato Research Institute	2	59.67	437
334	ICAR-Central Research Institute for Dryland Agriculture	1	29.95	677
335	ICAR-Central Soil Salinity Research Institute	1	83.97	336
336	ICAR-Central Tuber Crops Research Institute	2	59.37	439
337	ICAR-Directorate of Coldwater Fisheries Research	1	68.46	397
338	ICAR-Directorate of Rapeseed Mustard Research	1	29.79	679
339	ICAR-Indian Agricultural Research Institute	28	1252.92	28
340	ICAR-Indian Agricultural Statistics Research Institute	1	15.36	834
341	ICAR-Indian Institute of Horticultural Research	3	76.94	363
342	ICAR-Indian Institute of Natural Resins & Gums	1	45.62	510
343	ICAR-Indian Institute of Pulses Research	1	36.69	595
344	ICAR-Indian Institute of Rice Research	3	169.54	216
345	ICAR-Indian Institute of Soil Science	1	43.98	525
346	ICAR-Indian Institute of Soybean Research	1	42.88	534
347	ICAR-Indian Institute of Spices Research	1	48.96	492
348	ICAR-Indian Institute of Sugarcane Research	2	70.07	391
349	ICAR-Indian Institute of Wheat & Barley Research	2	53.76	472
350	ICAR-Indian Veterinary Research Institute	7	323.16	132
351	ICAR-National Academy of Agricultural Research Management	2	6.86	888
352	ICAR-National Bureau of Agricultural Insects Resources	1	27.17	711
353	ICAR-National Bureau of Animal Genetic Resources	1	37.78	582
354	ICAR-National Bureau of Fish Genetic Resources	1	45.04	514
355	ICAR-National Bureau of Plant Genetic Resources	2	78.43	358
356	ICAR-National Dairy Research Institute	10	355.23	120
357	ICAR-National Environmental Engineering Research Institute	2	48.77	495
358	ICAR-National Institute of Animal Nutrition & Physiology	3	86.19	332
359	ICAR-National Institute of Veterinary Epidemology & Disease Information	1	48.96	491
360	ICAR-National Research Centre for Banana	1	16.72	818

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
361	ICAR-National Research Centre on Camel	1	22.13	759
362	ICAR-National Research Centre on Equines	1	36.67	596
363	ICAR-National Research Centre on Meat	1	42.37	542
364	ICAR-National Research Centre on Plant Biotechnology	6	278.80	150
365	ICAR-National Rice Research Institute	4	437.16	104
366	ICAR-Research Complex for Goa Region	1	28.69	689
367	ICAR-Research Complex for NEH Region	2	62.11	426
368	ICAR-Sugarcane Breeding Institute	7	276.11	151
369	ICFAI Foundation for Higher Education	2	29.52	683
370	ICMR-National Aids Research Institute	2	297.56	142
371	ICMR-National Institute for Research in Reproductive Health	6	202.19	187
372	ICMR-National Institute for Research in Tuberculosis	3	298.78	141
373	ICMR-National Institute of Cholera & Enteric Diseases	5	177.85	210
374	ICMR-National Institute of Epidemiology	2	320.10	133
375	ICMR-National Institute of Immunohaematology	5	201.04	188
376	ICMR-National Institute of Malaria Research	2	114.54	292
377	ICMR-National Institute of Medical Statistics	1	6.79	889
378	ICMR-National Institute of Nutrition	6	228.92	169
379	ICMR-National Institute of Pathology	2	68.24	399
380	ICMR-National Jalma Institute for Leprosy & other Mycobacterial Diseases	6	157.27	229
381	ICMR-Regional Medical Research Centre	2	79.43	354
382	Immanuel College	1	36.86	594
383	Imphal College	2	59.28	440
384	Indian Association for the Cultivation of Science	18	864.81	41
385	Indian Council of Forestry Research & Education	1	83.18	345
386	Indian Institute of Astrophysics	4	60.50	434
387	Indian Institute of Crop Processing Technology	3	120.74	282
388	Indian Institute of Engineering Science & Technology	8	2851.43	9
389	Indian Institute of Information Technology	7	204.97	185
390	Indian Institute of Information Technology & Management	1	26.78	714
391	Indian Institute of Information Technology, Design & Manufacturing	9	238.97	166
392	Indian Institute of Management (Ahmedabad)	1	15.03	836
393	Indian Institute of Public Health	4	190.44	199
394	Indian Institute of Science	103	9103.07	2
395	Indian Institute of Science Education & Research (Bhopal)	32	1165.95	31
396	Indian Institute of Science Education & Research (Kolkata)	18	797.17	48
397	Indian Institute of Science Education & Research (Mohali)	8	281.15	148
398	Indian Institute of Science Education & Research (Pune)	34	1522.60	19
399	Indian Institute of Science Education & Research (Tirupati)	3	114.19	294
400	Indian Institute of Science Education & Research (Trivandrum)	14	595.59	77
401	Indian Institute of Space Science & Technology	4	137.66	247
402	Indian Institute of Technology (BHU)	15	611.70	75
403	Indian Institute of Technology (Bhubaneswar)	6	207.92	182
404	Indian Institute of Technology (Bombay)	82	5796.52	4
405	Indian Institute of Technology (Delhi)	67	9038.65	3
406	Indian Institute of Technology (Dhanbad)	28	632.66	69
407	Indian Institute of Technology (Gandhinagar)	18	650.36	65
408	Indian Institute of Technology (Guwahati)	38	4980.69	6
409	Indian Institute of Technology (Hyderabad)	35	1274.47	26
410	Indian Institute of Technology (Indore)	35	1193.61	29
411	Indian Institute of Technology (Jodhpur)	5	131.88	257
412	Indian Institute of Technology (Kanpur)	64	3029.37	8
413	Indian Institute of Technology (Kharagpur)	47	2729.04	10
414	Indian Institute of Technology (Madras)	65	9422.09	1
415	Indian Institute of Technology (Mandi)	12	461.62	93
416	Indian Institute of Technology (Palakkad)	1	14.83	838
417	Indian Institute of Technology (Patna)	6	115.12	289
418	Indian Institute of Technology (Roorkee)	49	2241.03	12
419	Indian Institute of Technology (Ropar)	9	319.16	135
420	Indian Institute of Tropical Meteorology	2	822.68	45
421	Indian Pharmacopoeia Commission	1	15.36	835
422	Indian Society of Agribusiness Professionals	1	183.41	205
423	Indian Statistical Institute	2	37.37	590
424	Indira Gandhi Agricultural University	1	83.97	339
425	Indira Gandhi Delhi Technical University for Women	1	21.50	765
426	Indira Gandhi Institute of Child Health	1	260.53	157
427	Indira Gandhi Institute of Technology	1	25.00	727
428	Indira Gandhi Krishi Vishwavidyalaya	2	46.02	509
429	Indira Gandhi National Tribal University	1	38.49	577
430	Indraprastha Institute of Information Technology	5	139.10	246
431	Institute for Social & Economic Change	1	29.86	678
432	Institute for Stem Cell Biology & Regenerative Medicine	5	212.62	180

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
433	Institute of Advanced Study in Science & Technology	2	114.80	290
434	Institute of Aeronautical Engineering	2	41.60	549
435	Institute of Bioinformatics	2	73.85	377
436	Institute of Bioinformatics & Applied Biotechnology	4	319.20	134
437	Institute of Bioresources & Sustainable Development	1	20.88	774
438	Institute of Chemical Technology	13	1161.64	32
439	Institute of Engineering & Technology	1	21.18	771
440	Institute of Green Energy & Geospatial Technology	1	9.86	872
441	Institute of Health Management Research	1	37.66	583
442	Institute of Horticulture Technology	1	76.44	364
443	Institute of Infrastructure Technology Research & Management	2	67.57	406
444	Institute of Life Sciences	10	440.53	102
445	Institute of Liver & Biliary Sciences	5	247.88	162
446	Institute of Mathematical Sciences	1	10.80	866
447	Institute of Nano Science & Technology	13	657.95	64
448	Institute of Plasma Research	2	96.33	314
449	Institute of Post Graduate Medical Education & Research & S.S.K.M. Hospital	3	96.99	312
450	Institute of Public Enterprise	1	38.74	575
451	Institute of Seismological Research	2	38.66	576
452	Institute of Stem Cell Biology & Regenerative Medicine	2	104.23	303
453	Institute of Transdisciplinary Health Science & Technology	1	56.87	448
454	Institute of Wood Science & Technology	2	54.78	462
455	Integral University	2	66.89	409
456	Inter University Accelerator Centre	3	40.92	554
457	Inter University Centre for Astronomy & Astrophysics	3	47.54	501
458	Interactive Research School for Health Affairs	2	73.20	382
459	Intergrated Research & Action for Development	1	48.86	494
460	International Advanced Research Centre for Powder Metallurgy & New Materia	4	215.84	178
461	International Centre for Genetic Engineering & Biotechnology	14	694.65	57
462	International Centre for Theoretical Sciences	1	21.19	770
463	International Centre of Radio Science	1	12.32	855
464	International Crops Research Institute for the Semi-Arid Tropics	3	786.92	50
465	International Institute of Information Technology	12	706.02	54
466	Islamic University of Science & Technology	1	33.80	624
467	J.I.S. College of Engineering	1	17.65	810
468	J.S.S. College of Pharmacy	3	90.76	322
469	J.S.S. University	1	32.81	638
470	J.V.R. Government College	1	1.20	936
471	Jadavpur University	25	687.40	58
472	Jagadguru Sri Shivarathreeshwara University	2	53.56	475
473	Jain University	1	35.60	606
474	Jamal Mohamed College	1	1.40	934
475	Jamia Hamdard	6	137.04	249
476	Jamia Millia Islamia	17	977.48	37
477	Jammu University	6	210.39	181
478	Jawaharlal Institute of P.G. Medical Education & Research	5	129.27	265
479	Jawaharlal Nehru Centre for Advanced Scientific Research	16	664.27	61
480	Jawaharlal Nehru Technological University	1	55.16	459
481	Jawaharlal Nehru Tropical Botanic Garden & Research Institute	2	72.15	384
482	Jawaharlal Nehru University	41	1759.28	17
483	Jaypee Institute of Information Technology	8	207.69	183
484	Jaypee University of Information Technology	2	31.79	651
485	Jeevas Social Service Centre	1	29.23	687
486	Jeppiaar Engineering College	1	8.81	881
487	Jiwaji University	1	22.23	757
488	JNTUH College of Engineering	2	35.30	612
489	Jubilee Mission Medical College & Research Institute	1	30.65	666
490	Jyothy Institute of Technology	4	220.09	175
491	K.J. Somaiya College of Engineering	1	32.52	644
492	K.L. University	2	11.68	859
493	K.L.N. College of Information Technology	1	28.63	691
494	K.P.R. Institute of Engineering & Technology	1	25.75	722
495	K.S. Rangasamy College of Technology	1	12.12	856
496	K.V.S.R. Siddhartha College of Pharmaceutical Sciences	2	54.83	461
497	Kakatiya Institute of Technology & Science	1	41.36	551
498	Kakatiya University	2	67.68	403
499	Kalasalingam Academy of Research & Higher Education	1	18.64	794
500	Kalinga Institute of Industrial Technology University	14	734.69	53
501	Kalyani University	9	263.74	153
502	Kamaraj College of Engineering & Technology	1	44.27	521
503	Karnatak University	1	42.03	545
504	Karnataka State Council for Science & Technology	2	54.41	467

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
505	Karnataka Veterinary Animal & Fisheries Sciences University	2	31.31	657
506	Karpagam Academy of Higher Education	1	19.74	785
507	Karunya University	6	213.68	179
508	Kashmir University	15	589.67	79
509	Kasturba Medical College & Hospital	3	122.50	278
510	Kaynes Technology India Private Limited	1	150.00	236
511	Kerala Forest Research Institute	1	70.07	392
512	Kerala State Council for Science, Technology & Environment	1	38.90	572
513	Kerala Technological University	1	29.60	682
514	Kerala University	3	64.70	418
515	KET's V.G. Vaze College of Arts, Science & Commerce	1	76.44	365
516	Kidwai Memorial Institute of Oncology	1	55.52	458
517	KIET Group of Institutions	1	17.26	814
518	King Edward Memorial Hospital	1	40.50	556
519	King George's Medical University	6	282.81	147
520	Kirorimal College	1	67.56	407
521	Kohima Science College	1	27.52	704
522	Kongu Arts & Science College	1	1.98	924
523	Kongu Engineering College	5	30.12	673
524	Kota University	1	31.60	653
525	Krantiguru Shyamji Krishna Verma Kachchh University	1	21.49	766
526	Krishna University	1	18.26	803
527	Kumaraguru College of Technology	1	2.20	921
528	Kumaraguru Institute of Agriculture	1	22.63	750
529	Kumaun University	2	122.92	276
530	Kurseong College	1	20.88	775
531	Kurukshetra University	7	856.17	42
532	Kuvempu University	1	34.36	620
533	L.N.M. Institute of Information Technology	2	71.51	388
534	L.V. Prasad Eye Institute	5	173.01	213
535	Lady Doak College	2	56.67	449
536	Lakireddy Bali Reddy College of Engineering	2	5.83	898
537	Lata Medical Research Foundation	1	15.94	827
538	Laya Resource Center	1	35.92	603
539	Loyola Academy Degree & P.G. College	1	0.50	939
540	Loyola College	2	30.95	663
541	Lucknow University	2	26.05	721
542	M.L.R. Institute of Technology	3	88.07	326
543	M.P. Council of Science & Technology	1	17.63	811
544	M.S. Ramaiah Indian Centre for Ayurveda & Integrative Medicine	1	50.18	485
545	M.S. Ramaiah Institute of Technology	3	56.24	452
546	M.S. Ramaiah University of Applied Sciences	2	51.90	479
547	M.S. University of Baroda	19	614.54	73
548	M.V.G.R. College of Engineering	1	17.01	816
549	Madan Mohan Malaviya University of Technology	1	18.74	791
550	Madanapalle Institute of Technology & Science	3	93.08	318
551	Madhav Institute of Technology & Science	1	12.35	853
552	Madras Christian College	1	37.48	588
553	Madras Diabetes Research Foundation.	2	89.11	324
554	Madras University	8	273.65	152
555	Madras Veterinary College	1	34.96	616
556	Madura College	1	2.10	922
557	Madurai Kamaraj University	10	365.67	114
558	Maharaja Agrasen Institute of Technology	1	33.94	622
559	Maharaja Dhiraj Uday Chand Women's College	1	16.28	823
560	Maharaja Ganga Singh University	1	24.80	728
561	Maharaja's College	1	39.00	571
562	Maharana Pratap University of Agriculture & Technology	2	9.42	875
563	Maharashtra Academy of Engineering & Education Research	1	18.14	806
564	Maharashtra Animal & Fishery Sciences University	1	25.70	723
565	Maharashtra Association of Anthropological Sciences	1	39.69	565
566	Maharashtra Institute of Pharmacy	1	31.60	654
567	Maharashtra Institute of Technology	3	69.94	393
568	Maharashtra University of Health Sciences	1	41.59	550
569	Maharshi Dayanand University	2	65.29	415
570	Mahatma Gandhi Chitrakoot Gramoday Vishwavidyalaya	1	17.13	815
571	Mahatma Gandhi Government Arts College	1	22.79	748
572	Mahatma Gandhi Institute of Medical Sciences	1	61.86	427
573	Mahatma Gandhi University	2	44.26	522
574	Mahendra Arts & Science College	1	2.95	917
575	Mahendra Engineering College	3	7.98	883
576	Maitreyi College	1	35.84	605

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
577	Malaviya National Institute of Technology (Jaipur)	18	637.99	67
578	Malnad College of Engineering	1	8.82	880
579	Mamatha Makkala Mandira	1	28.18	695
580	Mangalore University	2	95.29	316
581	Manipal College of Pharmaceutical Sciences	1	32.81	637
582	Manipal Institute of Regenerative Medicine	2	64.28	419
583	Manipal Institute of Technology	3	65.28	416
584	Manipal University	17	591.73	78
585	Manipur University	7	163.92	223
586	Manonmaniam Sundaranar University	1	16.66	819
587	Mar Baselios College of Engineering & Technology	1	24.40	730
588	Mar Ephraem College of Engineering & Technology	1	54.48	466
589	Marri Educational Society Group of Institute	1	18.50	800
590	Maulana Azad College	1	34.00	621
591	Maulana Azad Institute of Dental Sciences	1	83.07	346
592	Maulana Azad Medical College & Associated Hospitals	1	74.33	375
593	Maulana Azad National Institute of Technology (Bhopal)	3	94.35	317
594	Mazumdar Shaw Medical Foundation	2	589.01	80
595	Meenakshi College of Engineering	1	34.37	619
596	Meerut Institute of Engineering & Technology	1	23.43	744
597	Mepco Schlenk Engineering College	2	33.18	630
598	Mewat Development Society	1	15.00	837
599	Miranda House	2	99.91	309
600	Mizoram University	2	57.14	446
601	Mohanlal Sukhadia University	3	86.41	331
602	Motilal Nehru National Institute of Technology (Allahabad)	6	228.23	171
603	Mukand Lal National College	1	24.27	733
604	Mumbai University	4	125.63	270
605	Mysore University	5	254.75	160
606	N.B.K.R. Institute of Science & Technology	1	12.35	854
607	N.I.I.T. University	1	17.28	813
608	N.S.N. College of Engineering & Technology	1	35.03	615
609	N.S.S. College	1	37.62	584
610	Nagaland Science & Technology Council	1	91.46	320
611	Nagaland University	2	65.96	412
612	Nandha Engineering College	1	24.71	729
613	Nansen Environmental Research Centre India	1	19.30	788
614	Narayana Nethralaya Foundation	2	71.64	387
615	Narula Institute of Technology	2	29.41	684
616	National Agri-Food Biotechnology Institute	6	233.60	168
617	National Atmospheric Research Laboratory	1	14.10	845
618	National Brain Research Centre	8	1685.61	18
619	National Centre for Biological Sciences	6	335.21	128
620	National Centre for Cell Sciences	7	343.74	123
621	National Centre for Earth Sciences Studies	2	54.27	469
622	National Centre for Polar & Ocean Research	1	27.75	701
623	National Centre for Radio Astrophysics	3	42.89	533
624	National College	4	96.35	313
625	National Engineering College	1	26.19	719
626	National Institute of Advanced Studies	6	240.02	165
627	National Institute of Animal Biotechnology	6	1926.54	16
628	National Institute of Biomedical Genomics	2	135.34	253
629	National Institute of Design	1	31.22	659
630	National Institute of Food Technology Entrepreneurship & Management	3	121.74	280
631	National Institute of Health & Family Welfare	1	58.57	441
632	National Institute of Hydrology	3	637.76	68
633	National Institute of Immunology	22	1361.38	22
634	National Institute of Mental Health & Neuro Sciences	10	445.39	99
635	National Institute of Pharmaceutical Education & Research	12	432.80	105
636	National Institute of Plant Genome Research	12	3049.19	7
637	National Institute of Science & Technology	6	123.15	275
638	National Institute of Science Education & Research	9	412.64	109
639	National Institute of Solar Energy	1	1314.00	24
640	National Institute of Technical Teachers Training & Research	2	15.45	833
641	National Institute of Technology (Agartala)	4	130.39	262
642	National Institute of Technology (Arunachal Pradesh)	6	160.40	226
643	National Institute of Technology (Delhi)	2	43.70	526
644	National Institute of Technology (Durgapur)	15	564.10	83
645	National Institute of Technology (Goa)	8	227.43	172
646	National Institute of Technology (Hamirpur)	7	149.89	239
647	National Institute of Technology (Jamshedpur)	2	57.92	444
648	National Institute of Technology (Karnataka)	25	699.47	55

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
649	National Institute of Technology (Kozhikode)	1	46.76	504
650	National Institute of Technology (Kurukshetra)	8	192.98	197
651	National Institute of Technology (Meghalaya)	6	125.01	272
652	National Institute of Technology (Mizoram)	1	15.86	830
653	National Institute of Technology (Nagaland)	2	50.76	483
654	National Institute of Technology (Patna)	9	160.08	227
655	National Institute of Technology (Puducherry)	4	103.26	306
656	National Institute of Technology (Raipur)	13	303.82	139
657	National Institute of Technology (Rourkela)	42	1266.19	27
658	National Institute of Technology (Silchar)	7	168.35	218
659	National Institute of Technology (Srinagar)	1	21.60	763
660	National Institute of Technology (Tiruchirapalli)	17	585.60	81
661	National Institute of Technology (Warangal)	20	630.70	70
662	National Institute of Tuberculosis & Respiratory Diseases	1	27.31	708
663	National Institute of Virology	4	126.77	268
664	National Remote Sensing Centre	2	46.24	506
665	National Research Centre for Agroforestry	1	30.00	674
666	Nature Conservation Foundation	1	26.11	720
667	Netaji Subhas Institute of Technology	1	44.86	518
668	New Horizon College of Engineering & Technology	1	13.47	847
669	Newman College	1	27.05	713
670	Neyyattinkara Integral Development Society	1	18.95	790
671	Nirma University	2	79.84	353
672	Nitte Meenakshi Institute of Technology	2	76.38	367
673	Nitte University	2	15.99	826
674	Nittee Mahalinga Aadyanthaya Memorial Institute of Technology	2	14.53	840
675	Nizam's Institute of Medical Sciences	2	114.29	293
676	North Bengal University	4	121.53	281
677	North Eastern Regional Institute of Sciences & Technology	2	42.57	540
678	North Maharashtra University	3	66.51	411
679	North Orissa University	1	47.70	499
680	North-Eastern Hill University	7	186.13	202
681	NSHM Knowledge Campus	1	32.16	647
682	Omcar Foundation	1	11.82	857
683	Osmania University	8	199.51	191
684	P.D. Hinduja National Hospital & Medical Research Centre	1	179.92	208
685	P.E.S. College of Engineering	2	10.00	871
686	P.E.S. Institute of Technology	1	31.46	655
687	P.E.S. University	2	36.99	592
688	P.G. Institute of Medical Education & Research	24	961.43	38
689	P.S. Government Degree College	2	42.83	535
690	P.S.G. College of Technology	7	217.08	177
691	P.S.G. Institute of Advanced Studies	4	199.17	192
692	Pachhunga University College	3	85.56	334
693	Padmashree Dr. D.Y. Patil Institute of Engineering & Technology	1	7.49	887
694	Pandit Deendayal Petroleum University	2	42.61	538
695	Pandit Jawaharlal Nehru College of Agricultural & Research Institute	1	83.97	337
696	Panimalaar Engineering College	1	9.54	874
697	Panjab University	29	926.20	39
698	Panskura Banamali College	1	29.39	685
699	Periyar University	6	136.52	251
700	Physical Reserch Laboratory	2	26.20	718
701	Pillai College of Engineering	1	27.80	700
702	Pillai's Institute of Information Technology, Engineering, Media Studies & Rese	1	11.54	860
703	Pluss Advanced Technologies Private Limited	1	58.46	443
704	Poeir Jets Private Limited	1	45.00	515
705	Pondicherry Engineering College	1	11.76	858
706	Pondicherry University	12	454.86	95
707	Poornaprajna Institute of Scientific Research	2	36.10	601
708	Poornima University	1	42.12	544
709	Presidency University	2	55.67	455
710	Primaacs Project Consultants LLP	1	7.50	886
711	Prist University	1	21.72	761
712	Priyadarshini J.L. Chaturvedi College of Pharmacy	1	16.00	825
713	Prof. Jayashankar Telangana State Agricultural University	2	40.34	558
714	Progressive Education Society's Modern College of Arts, Science & Commerc	1	26.51	717
715	Pt. Ravishankar Shukla University	3	74.42	374
716	Punjab Agricultural University	17	532.97	87
717	Punjab Engineering College University of Technology	5	186.44	201
718	Punjabi University	2	65.40	414
719	R.C. Patel College of Pharmacy	1	38.00	580
720	R.C. Patel Institute of Pharmaceutical Education & Research	2	52.62	477

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
721	R.V. College of Engineering	6	130.12	263
722	Radhe Hari Government Post Graduate College	1	30.58	668
723	Raghavendra Institute Pharmaceutical Education & Research	8	38.13	578
724	Rajalakshmi Engineering College	1	134.62	254
725	Rajasthan University	5	130.73	261
726	Rajeev Gandhi Memorial College of Engineering & Technology	1	41.71	547
727	Rajendra Agricultural University	1	83.97	338
728	Rajiv Gandhi Centre for Biotechnology	23	1001.97	36
729	Rajiv Gandhi Institute of Information Technology & Biotechnology	1	35.09	613
730	Rajiv Gandhi Institute of Petroleum Technology	1	42.20	543
731	Rajiv Gandhi Memorial College of Engineering & Technology	1	20.12	783
732	Rajiv Gandhi University	3	43.08	530
733	Ramakrishna Mission Residential College	1	41.63	548
734	Ramakrishna Mission Vivekananda Centenary College	1	39.85	563
735	Ramakrishna Mission Vivekananda College	2	78.17	360
736	Ramakrishna Mission Vivekananda University	1	69.43	396
737	Raman Research Institute	1	4.65	907
738	Ramjas College	1	35.58	608
739	Rashtrasant Tukadoji Maharaj Nagpur University	4	89.10	325
740	Ravenshaw University	5	175.39	211
741	Regional Agricultural Research Station	1	3.96	911
742	Regional Cancer Centre	5	191.89	198
743	Regional Centre for Biotechnology	10	2463.71	11
744	Reva University	1	25.40	724
745	Rubber Research Institute of India	1	39.20	570
746	Rungta College of Engineering & Technology	2	32.38	646
747	Rural Agricultural Development Society	1	12.70	852
748	S.M. Sehgal Foundation	1	123.58	274
749	S.N. Bose National Centre for Basic Sciences	3	73.62	378
750	S.P. Medical College	1	59.96	436
751	S.R.M. Dental College	1	27.21	709
752	S.R.M. Institute of Sciences & Technology	3	114.60	291
753	S.R.M. University	31	1298.95	25
754	S.S. Jain Subodh P.G. College	1	27.90	696
755	S.S.M. Institute of Engineering & Technology	1	30.84	664
756	S.S.N. College of Engineering	11	284.38	146
757	S.V. College of Engineering & Technology	1	1.50	932
758	Sacred Heart College	1	66.85	410
759	Sagar Institute of Research & Technology	1	21.18	772
760	Sagi Ramakrishnam Raju Engineering College	2	22.65	749
761	Saha Institute of Nuclear Physics	1	39.86	562
762	Sahyadri College of Engineering & Management	1	13.24	849
763	Sai Institute of Rural Development	1	27.53	703
764	Sainergy Fuel Cell India Private Limited	1	150.00	235
765	Sambalpur University	1	45.23	512
766	Sanjay Gandhi P.G. Institute of Medical Sciences	4	200.05	190
767	Saranathan College of Engineering	2	32.60	641
768	Saraswathi Narayana College	1	2.60	920
769	Sarat Centenary College	1	39.37	569
770	Sardar Patel University	2	83.41	343
771	Sardar Vallabh Bhai Patel University of Agriculture & Technology	2	42.98	532
772	Sardar Vallabhbhai National Institute of Technology (Surat)	11	302.18	140
773	Saroj Gupta Cancer Centre & Research Institute	1	32.00	650
774	SASTRA University	15	441.70	101
775	Sathyabama University	1	30.35	670
776	Savitribai Phule Pune University	11	364.45	116
777	School of Pharmaceutical Sciences	1	30.23	672
778	School of Planning & Architecture	1	10.80	864
779	Sethu Institute of Technology	2	67.64	404
780	Shaheed Rajguru College of Applied Sciences for Women	1	28.61	692
781	Sharda University	1	25.07	725
782	Sher-E-Kashmir University of Agriculture Sciences & Technology (Jammu)	6	290.63	144
783	Sher-E-Kashmir University of Agriculture Sciences & Technology (Kashmir)	10	405.35	112
784	Sher-I-Kashmir Institute of Medical Sciences	2	84.19	335
785	Sheth M.C. College of Dairy Science	1	3.40	914
786	Shiv Nadar Foundation	1	22.50	753
787	Shiv Nadar University	9	238.84	167
788	Shivaji University	3	68.27	398
789	Shoolini University	3	70.47	390
790	Shri Govindram Seksaria Institute of Technology & Science	1	5.41	900
791	Shri Guru Gobind Singhji Institute of Enginerring & Technology	1	8.53	882
792	Shri Guru Teg Bahadur Khalsa College	1	32.97	635

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
793	Shri Mata Vaishno Devi University	2	51.99	478
794	Shri Vishnu College of Pharmacy	1	0.45	940
795	Shriram Institute for Industrial Research	1	45.10	513
796	Siddaganga Institute of Technology	1	33.68	627
797	Sikkim Manipal Institute of Medical Sciences	1	9.12	876
798	Siksha O Anusandhan University	1	39.85	564
799	Siliguri Institute of Technology	2	53.57	474
800	Sir M. Visvesvaraya Institute of Technology	1	14.26	843
801	Sir P.T. Sarvajanik College of Science	1	18.53	799
802	Social Action for Rural Community	1	20.14	782
803	Society for Applied Microwave Electronics Engineering & Research	2	622.16	71
804	Society for Environmental Conservation	2	54.55	464
805	Society for Rural Agriculturists & Mass Awareness	1	27.46	706
806	Society for Technology & Development	2	95.56	315
807	Solapur University	1	40.37	557
808	Sona College of Engineering	1	19.41	786
809	Sona College of Technology	2	82.99	347
810	South Asian University	2	54.69	463
811	Sree Buddha College of Engineering	1	48.48	496
812	Sree Chitra Tirunal Institute for Medical Sciences & Technology	6	198.21	195
813	Sree Neelakanta Government Sanskrit College	1	5.50	899
814	Sree Vidyanikethan Engineering College	2	69.83	395
815	Sreenidhi Institute of Science & Technology	4	10.25	868
816	Sri Dharmasthala Manjunatheswara College of Ayurveda & Hospitals	1	3.65	913
817	Sri Jayachamarajendra College of Engineering	1	49.40	489
818	Sri Krishna College of Engineering & Technology	3	122.50	277
819	Sri Krishnadevaraya University	1	63.69	420
820	Sri Padmavati Mahila Visvavidyalayam	3	68.11	401
821	Sri Ramachandra Medical College & Research Institute	1	20.56	779
822	Sri Ramachandra University	1	51.89	480
823	Sri Ramakrishna Engineering College	6	60.44	435
824	Sri Ramakrishna Mission Vidyalaya College of Arts & Science	1	33.11	632
825	Sri S. Ramasamy Naidu Memorial College	3	3.85	912
826	Sri Sai Ram Engineering College	1	12.94	851
827	Sri Sathya Sai Institute of Higher Learning	2	72.09	385
828	Sri Shakthi Institution of Engineering & Technology	2	60.53	433
829	Sri Shivani College of Pharmacy	1	23.41	745
830	Sri Venkateswara Agicultural College	1	4.21	909
831	Sri Venkateswara College of Engineering	5	107.36	300
832	Sri Venkateswara College of Pharmacy	2	5.89	896
833	Sri Venkateswara University	6	219.83	176
834	Sri Venkateswara Veterinary University	3	77.02	362
835	St. John's Medical College & Hospital	2	110.35	298
836	St. John's Research Institute	5	673.12	60
837	St. Joseph College of Engineering	1	14.12	844
838	St. Martin's Engineering College	1	21.46	767
839	St. Stephen's College	1	31.34	656
840	St. Thomas College	1	20.52	781
841	St. Xavier's College	1	23.62	739
842	St. Xavier's College for Women	1	31.77	652
843	Sukumar Sengupta Mahavidalaya	1	30.95	662
844	Suresh Gyan Vihar University	1	16.25	824
845	SVKM's Narsee Monjee Institute of Management Studies	3	110.59	297
846	Swami Vivekananda Yoga Anusandhana Samsthana	3	180.82	207
847	Syamsundar College	1	32.12	648
848	Symbiosis International University	5	160.65	225
849	Symbiosis School of Biological Sciences	1	21.68	762
850	Tamil Nadu Agricultural University	15	494.13	90
851	Tamil Nadu Fisheries University	1	29.74	680
852	Tamil Nadu Veterinary & Animal Sciences University	2	67.76	402
853	Tata Institute of Fundamental Research	2	35.58	607
854	Tata Institute of Social Sciences	1	106.22	301
855	Tata Medical Centre	1	51.73	481
856	Tata Memorial Centre	1	49.93	487
857	Tata Motors Private Limited	1	150.00	237
858	Techno India University	1	15.81	831
859	TERI University	3	117.79	285
860	Tezpur University	26	789.93	49
861	Thapar University	25	784.45	51
862	The American College	1	27.49	705
863	The D.G. Ruparel College of Arts, Science & Commerce	1	41.80	546
864	The Energy & Resources Institute	17	826.16	44

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
865	The Madura College	2	4.80	905
866	The South India Textile Research Association	1	17.60	812
867	Thiagarajar College	1	35.40	610
868	Thiagarajar College of Engineering	7	139.59	245
869	Thiruvalluvar University	2	44.28	520
870	Topiwala National Medical College & B.Y.L. Nair Charitable Hospital	1	22.36	754
871	Transdisciplinary University	1	21.56	764
872	Translational Health Science & Technology Institute	11	883.96	40
873	Tripura University	5	206.04	184
874	Tuljaram Chaturchand College	1	22.36	755
875	Tumkur University	1	52.86	476
876	UCAL Fuel Systems Limited	1	75.00	370
877	UGC-DAE Consortium of Scientific Research	2	47.20	503
878	Uka Tarsadia University	2	70.72	389
879	UM-DAE Centre for Excellence in Basic Sciences	1	27.13	712
880	Union Christian College	2	44.21	524
881	United College	1	25.05	726
882	University College of Engineering	1	27.88	699
883	University College of Medical Sciences & Guru Teg Bahadur Hospital	1	37.55	585
884	University College of Science	4	55.03	460
885	University of Agricultural & Horticultural Sciences	1	26.68	715
886	University of Engineering & Management	1	18.61	796
887	University of Petroleum & Energy Studies	4	223.10	174
888	University Visvesvaraya College of Engineering	1	36.56	598
889	Utkal University	2	100.25	308
890	Uttarakhand Science Education & Research Centre	1	21.40	768
891	Uttarakhand State Council for Science & Technology	2	673.71	59
892	V.N.R. Vignana Jyothi Institute of Engineering & Technology	2	18.62	795
893	V.R. Siddartha Engineering College	1	65.52	413
894	Vaidyaratnam Ayurveda Foundation	1	37.50	586
895	Vallabhbhai Patel Chest Institute	2	71.77	386
896	Valliammai Engineering College	1	11.50	861
897	Vardhaman College of Engineering	1	46.08	508
898	Vardhman Mahavir Medical College & Safdarjung Hospital	1	40.53	555
899	Variable Energy Cyclotron Centre	1	19.33	787
900	Vasavi College of Engineering	1	1.70	928
901	Veer Surendra Sai University of Technology	2	33.77	625
902	Veermata Jijabai Technological Institute	1	15.88	829
903	Vel Tech Dr. Rangarajan & Dr. Sagunthala Technical University	2	61.58	428
904	Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College	1	23.52	743
905	Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College	2	56.92	447
906	Vel Tech University	1	23.58	740
907	Velammal College of Engineering & Technology	3	53.81	471
908	Vellore Institute of Technology University	35	1087.92	33
909	Vels University	2	50.14	486
910	Vidya Academy of Science & Technology	1	13.14	850
911	Vidya Jyothi Institute of Technology	1	1.95	925
912	Vidyasagar University	3	87.70	329
913	Vignan Institute of Information Technology	3	87.81	327
914	Vignan Institute of Technology & Science	3	77.28	361
915	Vignan University	1	9.10	877
916	Vignana Bharathi Institute of Technology	1	1.45	933
917	Vignan's Foundation for Science, Technology & Research	1	36.66	597
918	Vignan's Institute of Engineering for Women	1	27.18	710
919	Vigyan Prasar	1	13.33	848
920	Vijaya College of Pharmacy	1	4.93	904
921	Vijayangara Sri Krishnadevaraya University	1	2.91	918
922	Virendra Kumar Singh Krishi Vigyan Kendra	2	83.90	341
923	Visakha Government Degree College for Women	1	1.76	927
924	Vishnu Institute of Technology	1	18.56	798
925	Vishwakarma Government Engineering College	1	8.91	879
926	Vision Research Foundation	9	409.13	110
927	Visva Bharati University	10	526.93	88
928	Visvesvaraya National Institute of Technology (Nagpur)	23	828.72	43
929	Visvesvaraya Technological University	1	20.73	778
930	Vivekanand Education Society's Institute of Technology	1	3.08	916
931	Vivekananda Institute of Biotechnology	1	43.30	529
932	Wadia Institute of Himalayan Geology	6	279.33	149
933	Walchand Institute of Technology	1	23.53	742
934	West Bengal State University	1	38.85	573
935	West Bengal University of Animal & Fishery Sciences	2	137.04	248
936	Xavier University	1	32.81	636

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2017-18)

S. No.	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakh)	Order*
937	Y.R. Gaitonde Center for Aids Research & Education	1	260.53	155
938	Yenepoya University	4	103.80	304
939	Yogi Vermana University	4	101.08	307
940	Zoological Survey of India	2	55.72	454
	Individual Scientists & Others	2	59.23	
	Grand Total	**4137**	**203632.55**	

*Note * Order is based on total approved cost*

STATE-WISE SUPPORT TO EXTRAMURAL R&D PROJECTS DURING 2017-18

(Rs. Lakh)

No.	State/UT	No. of Projects	Total Approved Cost
1	Andaman & Nicobar	2	75.94
2	Andhra Pradesh	102	2353.56
3	Arunachal Pradesh	11	422.33
4	Assam	120	7763.89
5	Bihar	21	504.76
6	Chandigarh	70	2682.48
7	Chhattisgarh	25	655.56
8	Delhi	449	33414.97
9	Goa	37	1455.71
10	Gujarat	117	4208.92
11	Haryana	90	10371.58
12	Himachal Pradesh	44	1645.44
13	Jammu & Kashmir	58	2275.04
14	Jharkhand	59	2271.83
15	Karnataka	379	19964.72
16	Kerala	151	5850.87
17	Madhya Pradesh	104	3441.60
18	Maharashtra	350	18440.29
19	Manipur	13	382.61
20	Meghalaya	13	311.14
21	Mizoram	6	158.56
22	Nagaland	7	272.56
23	Odisha	120	4910.31
24	Puducherry	25	893.67
25	Punjab	123	4172.01
26	Rajasthan	80	2457.57
27	Sikkim	4	50.27
28	Tamil Nadu	556	26215.07
29	Telangana	272	11919.69
30	Tripura	10	354.84
31	Uttar Pradesh	320	13578.23
32	Uttarakhand	99	5366.53
33	West Bengal	300	14790.00
	Grand Total	**4137**	**203632.55**

DISTRIBUTION OF TOP FIFTEEN INSTITUTIONS BY NUMBER OF PROJECTS DURING 2017-18

S. No.	Institute	Total Number of Projects
1	Indian Institute of Science (Bengalaru)	103
2	All India Institute of Medical Sciences (Delhi)	83
3	Indian Institute of Technology (Bombay)	82
4	Indian Institute of Technology (Delhi)	67
5	Indian Institute of Technology (Madras)	65
6	Indian Institute of Technology (Kanpur)	64
7	Indian Institute of Technology (Roorkee)	49
8	Indian Institute of Technology (Kharagpur)	47
9	Delhi University (Delhi)	44
10	National Institute of Technology (Rourkela)	42
11	Jawaharlal Nehru University (Delhi)	41
12	Indian Institute of Technology (Guwahati)	38
13	Birla Institute of Technology & Science (Pilani)	37
14	Vellore Institute of Technology University (Vellore)	35
15	Indian Institute of Technology (Indore)	35
	Total	**832**

DISTRIBUTION OF TOP FIFTEEN INSTITUTIONS BY TOTAL APPROVED COST DURING 2017-18

S. No.	Institute	Total Approved Cost of Projects (Rs. Crore)
1	Indian Institute of Technology (Madras)	94.22
2	Indian Institute of Science (Bengalaru)	91.03
3	Indian Institute of Technology (Delhi)	90.39
4	Indian Institute of Technology (Bombay)	57.97
5	All India Institute of Medical Sciences (Delhi)	53.48
6	Indian Institute of Technology (Guwahati)	49.81
7	National Institute of Plant Genome Research (Delhi)	30.49
8	Indian Institute of Technology (Kanpur)	30.29
9	Indian Institute of Engineering Science & Technology (Howrah)	28.51
10	Indian Institute of Technology (Kharagpur)	27.29
11	Regional Centre for Biotechnology (Faridabad)	24.64
12	Indian Institute of Technology (Roorkee)	22.41
13	Delhi University (Delhi)	21.93
14	Banaras Hindu University (Varanasi)	21.80
15	CSIR-National Physical Laboratory (Delhi)	19.76
	Total	**664.02**

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Directory Prepared by:

Mr. Anuj Nangia, Director
Manpower Management Centre (MMC)
12, DDA Commercial Complex
Munirka, New Delhi – 110067
Mobile – 9811262620
Email – mmc.india1987@gmail.com,
director@mmcindia.org
Website – www.mmcindia.org