

**DIRECTORY OF
EXTRAMURAL RESEARCH & DEVELOPMENT PROJECTS
APPROVED FOR FUNDING BY
SELECTED CENTRAL GOVERNMENT AGENCIES/DEPARTMENTS
DURING 2007-08**



सत्यमेव जयते

GOVERNMENT OF INDIA



**MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
NATIONAL SCIENCE & TECHNOLOGY MANAGEMENT INFORMATION SYSTEM
(NSTMIS DIVISION)
NEW DELHI - 110 016**

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PREFACE

National Science and Technology Management Information System (NSTMIS) Division of the Department of Science and Technology (DST) has been collating and analyzing the information on Extramural Research and Development (R&D) projects on year to year basis since 1990-91. The task of collecting, compiling, analyzing and publishing the directory, for the years 2000-01 onwards, was sponsored by the **Department of Science and Technology** to the **Manpower Management Centre (MMC), New Delhi**. The directory for the year 2005-06 sixteenth in the series, was completed and published by MMC earlier in December, 2007. The directory for the year 2006-07, seventeenth in series has been completed in May 2009. **The present directory, eighteenth in the series** is an outcome of the efforts made in this regard for the projects funded during the year 2007-08 by various scientific agencies of the Government.

This directory contains information furnished by 17 scientific agencies/departments about 3515 R&D projects which were approved for funding during 2007-08. The directory begins with brief analysis of the data and the limitations thereof. The details of projects in the directory in terms of 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.

Despite limitations of various kinds, attempt has been made to make the directory useful to the scientific community, policy makers, planners and administrators. DST will welcome any comments/suggestions in making this document more useful.

New Delhi
June, 2009



(Dr. Laxman Prasad)
Adviser & Head
(NSTMIS Division)

ACKNOWLEDGEMENT

Manpower Management Centre (MMC) is grateful to National Science & Technology Management Information System (NSTMIS) Division of the Department of Science & Technology (DST), Government of India, for sponsoring to our Centre the task of collecting, compiling, analyzing and publishing the Directory containing information on Extramural Research & Development Projects funded by various scientific agencies during the year 2007-08. MMC also thankfully acknowledges the financial assistance given by DST to carry out this task.

MMC gratefully acknowledges the help, guidance and cooperation provided by the officers of NSTMIS Division of DST, namely Dr. Laxman Prasad, Adviser & Head, Shri Rakesh Chetal, Adviser and Mrs. Namita Gupta, Scientist 'E' from time to time in preparation of this Directory without which it would have been difficult to complete this task.

MMC has once again successfully completed this project in time. However, this has been possible only due to the help and cooperation of the Nodal Officers of various scientific agencies who released the requisite data for the Directory. MMC gratefully acknowledges their support.

The most difficult and hard work of visiting and collecting data from various local agencies, keeping liaison with agencies located outside Delhi, compiling and verifying the entered data, was most willingly and gracefully carried out by Mrs. Urmila Verma and Ms. Kalpana Missar, Research Associates. The efforts and cooperation of both these employees in timely completion of this project are sincerely acknowledged. Mr. Anuj, Mr. Amit, Ms. Parul and Mr. K. Tyagi provided their help from time to time in sorting out the problems related to the software designing, data entry and exhibits etc. Their help and cooperation is thankfully acknowledged.

Sincere thanks are conveyed to all other staff members of MMC for their support and to all those who have participated in this project directly or indirectly.



Y. L. Nangia
Director

Manpower Management Centre

June, 2009

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ABOUT THE DIRECTORY

INTRODUCTION

National Science & Technology Management Information System (NSTMIS) Division of the Department of Science & Technology (DST) has been maintaining a computerized database on sponsored R&D projects from 1985-86 onwards. The Department has also 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 2007-08 was sponsored by the **Department of Science & Technology** to the **Manpower Management Centre (MMC), New Delhi**. The present directory, eighteenth in the series, gives details of 3515 sponsored R&D projects approved during the year 2007-08 by 17 Central Government Ministries/Departments/Agencies.

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

- All India Council for Technical Education (AICTE)
- Council of Scientific and Industrial Research (CSIR)
- Defence Research and Development Organisation (DRDO)
- Department of Atomic Energy (DAE)
- Department of Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy (AYUSH)
- Department of Bio-Technology (DBT)
- Department of Coal (DOC)
- Department of Science and Technology (DST)
- Department of Scientific and Industrial Research (DSIR)
- Indian Council of Medical Research (ICMR)
- Indian Space Research Organisation (ISRO)
- Ministry of Communications & Information Technology (MOCIT)
- Ministry of Environment and Forests (MOEF)
- Ministry of New & Renewable Energy (MNRE)
- Ministry of Steel (MOS)
- Petroleum Conservation Research Association (PCRA)
- University Grants Commission (UGC)

Ministry of Earth Sciences (MOES), Ministry of Power (MOP), Ministry of Social Justice & Empowerment (MOSJE) and Ministry of Water Resources (MOWR) reported 'Nil' information. The addresses of all these agencies are given in **Annexure-1**.

LIMITATIONS

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. 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. Despite these limitations, it is sincerely hoped that this directory will serve as a useful source of information for scientists, technologists, funding agencies, implementing institutions, planners and policy makers.

ORGANISATION OF THE DIRECTORY

The projects are listed in the directory by major subject area-wise. Under each major subject area, the projects are arranged by funding agency-wise and also scheme-wise within funding agency. Under each scheme, the projects are 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 is given as "DAE-BRNS". Here "DAE" is the name of the funding agency i.e. Department of Atomic Energy and "BRNS" is the acronym used for the name of the scheme under which the project was approved. 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., are provided in the directory at the end. The addresses of the funding agencies are given at **Annexure-1**. **Annexure-2** gives institute-wise extramural R&D support committed during the year 2007-08. A brief analysis on the pattern of funding during the year 2007-08 is given in the following paragraphs.

BRIEF ANALYSIS

As shown in **Table 1**, 3515 new extramural R&D projects costing Rs. 1467.19 crores were approved by 17 responding agencies during the year 2007-08. 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 2007-08

Sl. No.	Department/Ministry/Agency	No. of Projects		Total Approved Cost	
		No.	%age	(Rs. Crores)	%age
1.	All India Council for Technical Education (AICTE)	222	6.32	18.90	1.29
2.	Council of Scientific and Industrial Research (CSIR)	329	9.36	43.15	2.94
3.	Defence Research & Development Organisation (DRDO)	188	5.34	46.64	3.18
4.	Department of Atomic Energy (DAE)	167	4.75	36.55	2.49
5.	Department of Ayurveda, Yoga & Naturopathy, Unani, Siddha & Homoeopathy (AYUSH)	11	0.31	1.78	0.12
6.	Department of Bio-Technology (DBT)	426	12.12	302.65	20.63
7.	Department of Coal (DOC)	13	0.37	16.05	1.09
8.	Department of Science and Technology (DST)	1343	38.21	695.87	47.43
9.	Department of Scientific and Industrial Research (DSIR)	3	0.09	1.89	0.13
10.	Indian Council of Medical Research (ICMR)	249	7.08	47.30	3.22
11.	Indian Space Research Organisation (ISRO)	32	0.91	3.49	0.24
12.	Ministry of Communications & Information Technology (MOCIT)	48	1.37	79.04	5.39
13.	Ministry of Environment and Forests (MOEF)	49	1.39	6.93	0.47
14.	Ministry of New & Renewable Energy (MNRE)	12	0.34	5.51	0.37
15.	Ministry of Steel (MOS)	3	0.09	130.44	8.89
16.	Petroleum Conservation Research Association (PCRA)	27	0.77	3.76	0.26
17.	University Grants Commission (UGC)	393	11.18	27.24	1.86
	Total	3515	100	1467.19	100

Note: 1. Ministry of Earth Sciences (MOES), Ministry of Power (MOP), Ministry of Social Justice & Empowerment (MOSJE) and Ministry of Water Resources (MOWR) reported 'Nil' information.
2. Ministry of Steel (MOS) has been added this year for providing funds to the Steel Authority of India (SAIL). The data for the extramural R&D projects has been provided by SAIL.

Table 2
Scheme-wise Support to Extramural R & D Projects approved during 2007-08

Sl. No	Department/Ministry/Agency -Schemes	Number of Projects	Total Approved Cost (Rs. Crores)
1.	All India Council for Technical Education (AICTE)		
	- Research Programme (RP)	222	18.90
2.	Council of Scientific and Industrial Research (CSIR)		
	- Emeritus Scientist (ES)	35	4.87
	- General Scheme (GS)	279	36.00
	- Sponsored Scheme (SS)	15	2.28
3.	Defence Research and Development Organisation (DRDO)		
	- Aeronautical Research & Development Board (ARDB)	36	5.36
	- Grants-in-aid Scheme(GIA)	97	22.98
	- Life Science Research Board (LSRB)	26	6.53
	- Naval Research Board (NRB)	29	11.77
4.	Department of Atomic Energy (DAE)		
	- Board for Research in Nuclear Sciences (BRNS)	167	36.55
5.	Department of Ayurveda, Yoga & Naturopathy, Unani, Siddha & Homoeopathy (AYUSH)		
	- Extra Mural Research (EMR)	11	1.78
6.	Department of Bio-Technology (DBT)		
	- Research & Development (R&D)	426	302.65
7..	Department of Coal (DOC)		
	- Science & Technology (S&T)	13	16.05
8.	Department of Science and Technology (DST)		
	- Atmospheric Sciences (AS)	17	16.52
	- Deep Continental Studies (DCS)	31	5.68
	- Drugs & Pharmaceutical Research Programme(DPRP)	20	177.55
	- Himalayan Glaciology (HG)	5	2.21
	- International Division (ID)	129	12.63
	- Instrument Development Programme (IDP)	20	4.16
	- Intensification of Research in High Priority Areas (IRHPA)	20	82.61
	- Joint Technology Programme (JTP)	12	7.25
	- Natural Resources Data Management System (NRDMS)	36	19.15
	- PAC-Earth Science (PAC-ES)	11	1.67
	- Science and Engineering Research Council – Engineering Projects (SERC EP)	101	22.87
	- Science and Engineering Research Council – Fast Track (SERC FT)	267	35.67
	- Science and Engineering Research Council- Nanomaterials Science & Technology Initiative (SERC NSTI)	45	153.63
	- Science and Engineering Research Council- Science (SERC SC)	451	113.06
	- Science and Engineering Research Council- Women Scientists (WOS)	94	22.92
	- State Science & Technology Programme (SSTP)	9	1.56

	- Technology Systems Development Programme (TSD)	46	15.44
	- Utilisation of Scientific Expertise of Retired Scientists (USERS)	22	0.75
	- Young Scientists Scheme (YSS)	7	0.54
9.	Department of Scientific and Industrial Research (DSIR)		
	- Technology Development & Demonstration Programme (TDDP)	3	1.89
10.	Indian Council of Medical Research (ICMR)		
	- Ad-hoc (ADHOC)	176	32.72
	- Centre for Advanced Research (CAR)	1	1.09
	- Task Force (TF)	72	13.49
11.	Indian Space Research Organisation (ISRO)		
	- Research Sponsored (RESPOND)	27	2.73
	- Space Science Promotion (SSP)	5	0.76
12.	Ministry of Communications & Information Technology (MOCIT)		
	- Research & Development (R&D)	48	79.04
13.	Ministry of Environment and Forests (MOEF)		
	- Biosphere Reserve (BR)	3	0.36
	- Environmental Policy Research Projects (EPRP)	3	0.32
	- Environment Research Programme (ERP)	28	3.79
	- Ecosystem Research Scheme (ERS)	4	0.72
	- Eastern & Western Ghats (EWG)	6	0.55
	- National Natural Resources Management System (NNRMS)	4	0.87
	- Wet Lands (WL)	1	0.32
14.	Ministry of New & Renewable Energy (MNRE)		
	- Research Design & Development Project Appraisal Committee (RDPAC)	12	5.51
15.	Ministry of Steel (MOS)		
	- Steel Development Fund (SDF)	3	130.44
16.	Petroleum Conservation Research Association (PCRA)		
	- Research & Development (R&D)	27	3.76
17.	University Grants Commission (UGC)		
	- Major Projects (MJRP)	332	26.75
	- Minor Projects (MNRP)	61	0.49
	Total	3515	1467.19

Funding by Subject Areas

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

- | | |
|--------------------------|-----------------------------|
| a) Agricultural Sciences | e) Engineering & Technology |
| b) Biological Sciences | f) Mathematics |
| c) Chemical Sciences | g) Medical Sciences |
| d) Earth 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 1** shows number of extramural R&D projects approved in each subject area during the year 2007-08.

SUBJECT AREA WISE NUMBER OF R&D PROJECTS APPROVED DURING 2007-08

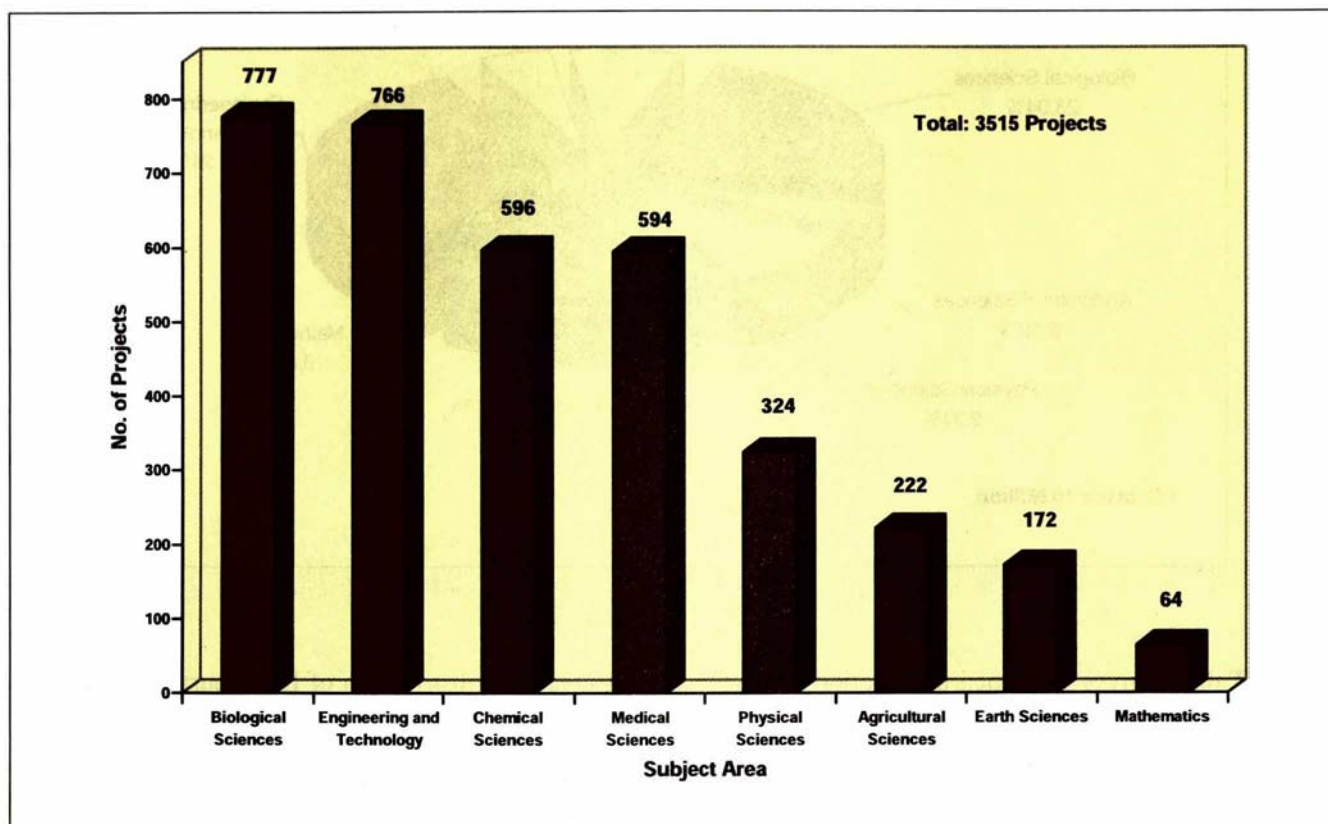


Figure 1

Figure 2 shows subject area-wise pattern of funding during the year 2007-08. **Engineering & Technology** area received maximum financial support of 32.21 per cent followed by **Biological Sciences** 23.04 per cent. **Medical Sciences** area received financial support of 17.61 per cent followed by **Physical Sciences** at 9.31 per cent. Projects in the area of **Chemical Sciences** and **Agricultural Sciences** received financial support of 7.48 per cent and 5.09 per cent respectively. **Earth Sciences** area got financial support of 4.69 per cent and the least financial support received was by **Mathematics** 0.58 per cent.

SUBJECT AREA-WISE R&D SUPPORT DURING 2007-08

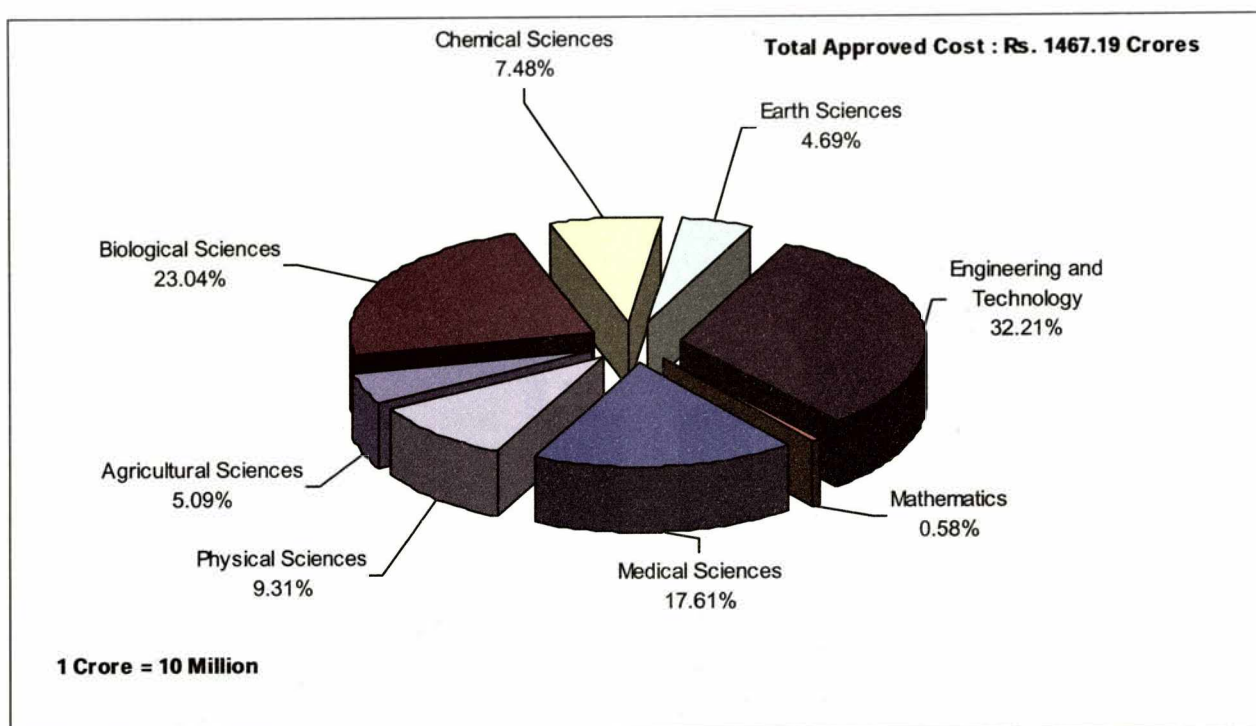


Figure 2

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

Table 3
Subject Area-Wise Distribution of Extramural R&D Projects and their
Approved Cost During 2007-08

(Rs. Crores)		
Subject Area	Number of Projects	Total Approved Cost
Agriculture Sciences	222	74.61
Engineering & Technology	766	472.53
Medical Sciences	594	258.31
NATURAL SCIENCES:		
Biological Sciences	777	338.02
Chemical Sciences	596	109.75
Earth Sciences	172	68.86
Mathematics	64	8.57
Physical Sciences	324	136.54
Total	3515	1467.19

Funding by Types of Institutions

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, P.G. Institute of Medical Education & Research and Sree Chitra Tirunal Institute for Medical Sciences & Technology
- 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 is indicated in **Table 4**. The number given in column 2 in this Table refers to unique institutes where 3515 projects have been given for implementation.

Table 4
Distribution of Extramural R&D projects by Types of Institutes and their Approved Cost During 2007-08
(Rs. Crores)

Types of Institutes	Number of Institutes	Number of Projects	Total Approved Cost	Percentage of Total Approved Cost
(1)	(2)	(3)	(4)	(5)
Universities/Colleges	443	1758	410.81	28
Deemed Universities	33	246	102.70	7
Institutes of National Importance	12	527	234.75	16
National Laboratories	148	633	366.80	25
Others	221	351	352.13	24
Total:	857	3515	1467.19	100

The gender-wise distribution of Principal Investigators who took up 3515 Extramural R&D Projects is shown in **Table 5**.

Table 5
Gender-wise Distribution of Principal Investigators During 2007-08

Gender	Number of PIs	Percentage	Number of Projects	Percentage
Male	2396	77	2797	80
Female	669	22	683	19
Heads*	35	1	35	1
Total	3100	100	3515	100

* Projects approved to Heads of Organisations & Institutions, their gender information is not available.

Figure 3 hereunder shows the percentage distribution of number of projects and its approved cost by types of institutions during the year 2007-08. The maximum number i.e. 50% of the projects were sanctioned to Universities/Colleges with financial support of 29%. National Laboratories received 18% of the projects with financial support of 25%. Institutes of National Importance got 15% of projects with financial support of 16%. 7% of the total projects were given to Deemed Universities and 10% to Others category with financial support of 6% and 24% respectively. The total financial support to academic sector i.e. to A, B & C was 51%.

**DISTRIBUTION OF R&D PROJECTS BY TYPES OF INSTITUTES
& APPROVED COST DURING 2007-08**

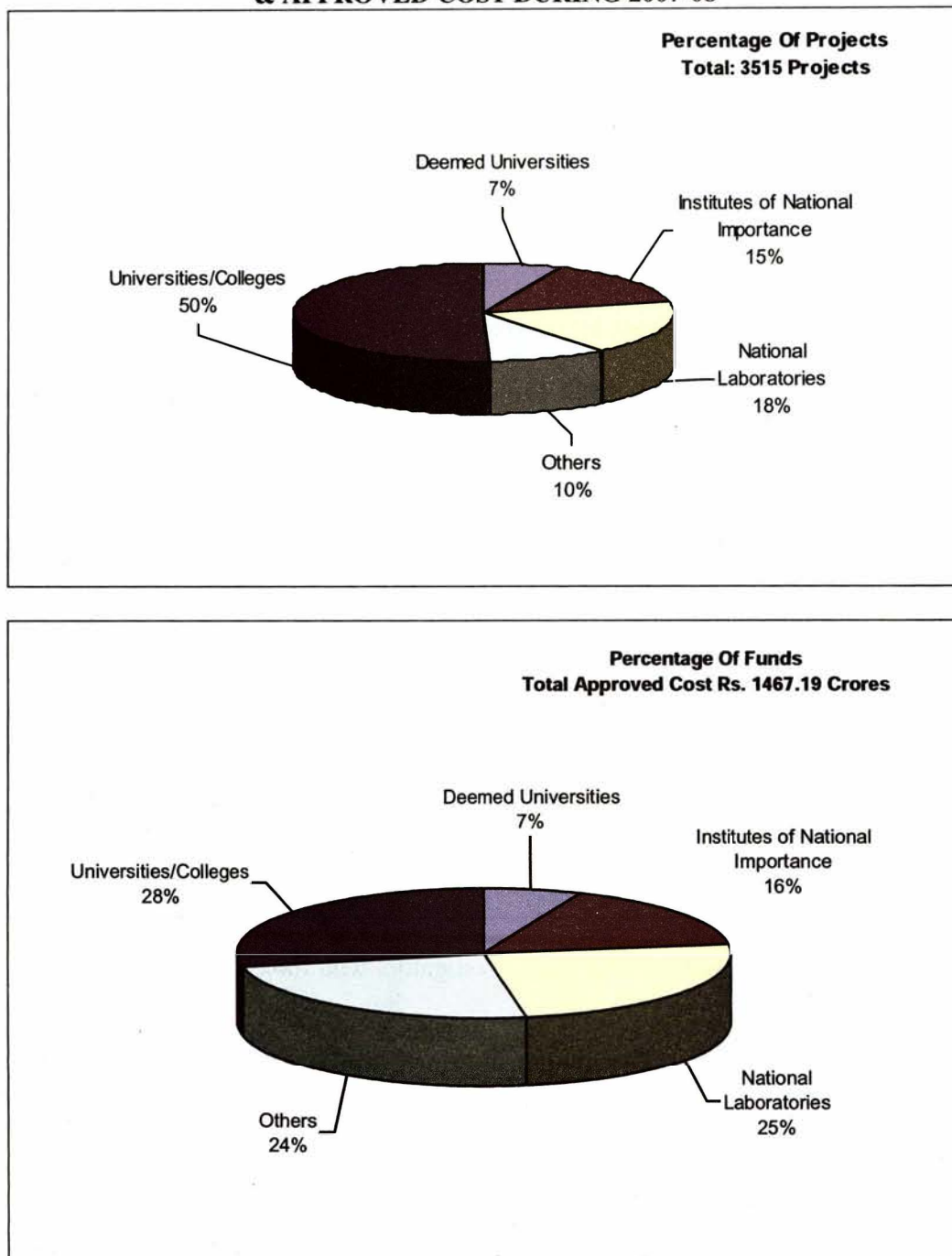


Figure 3

Figure 4 shows the pattern of funding by various funding agencies. As may be seen the maximum funding of Rs. 695.87 crores (47.43%) has been by the Department of Science & Technology (DST) for extramural R&D projects. The next in order comes the support from the Department of Biotechnology i.e. Rs. 302.65 crores (20.63%) and Rs. 130.44 crores (8.89%) by the Ministry of Steel. The funding done by Ministry of Communications & Information Technology (MOCIT) is to the extent of Rs.79.04 crores (5.39%) and the lowest funding is of Rs. 1.78 crores (0.12%) by the Department of AYUSH.

R&D SUPPORT BY CENTRAL S&T AGENCIES DURING 2007-08

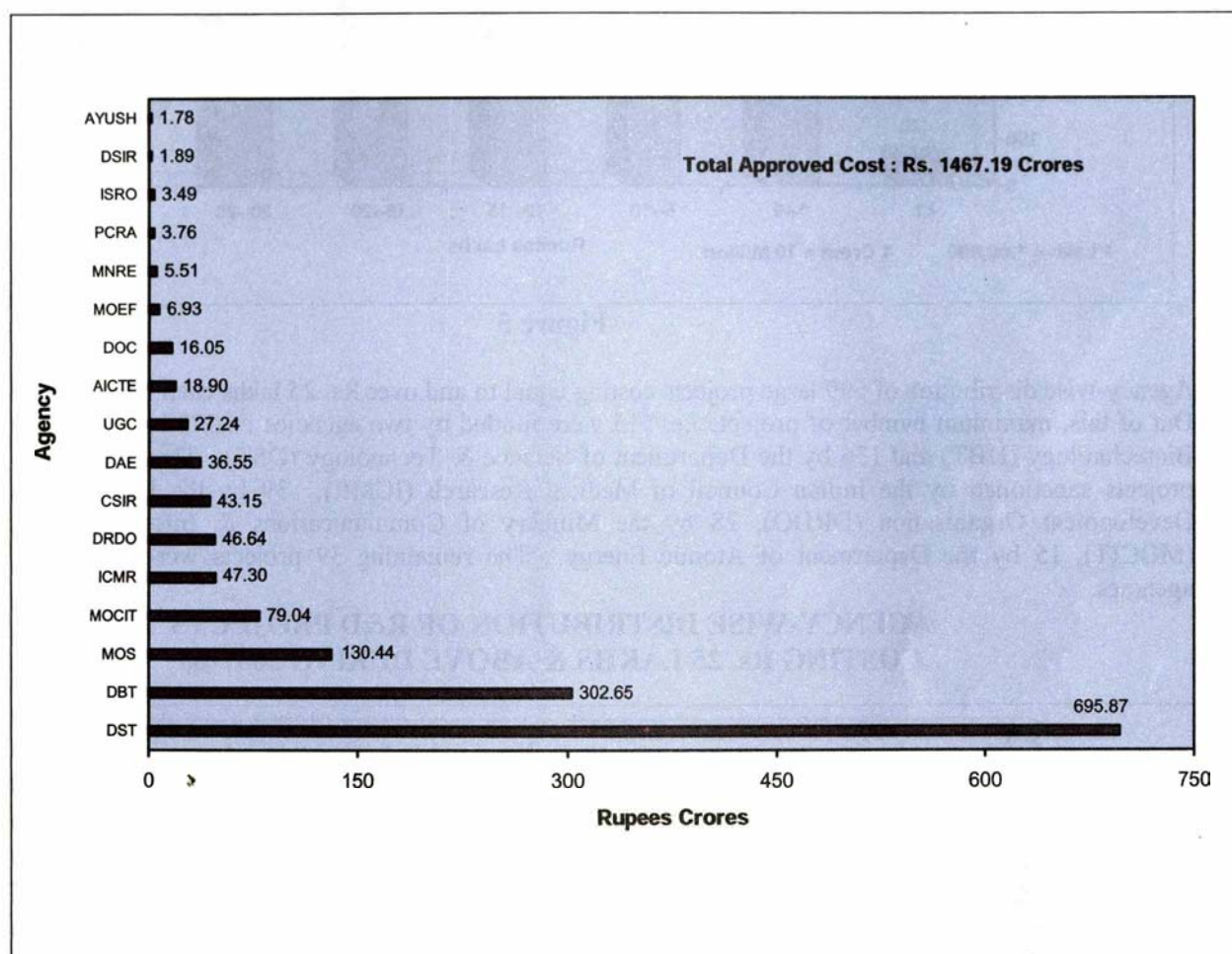


Figure 4

As per **Figure 5** the analysis indicate that the majority of projects i.e. 802 were in the cost range of above Rs. 25 lakhs. 744 projects were in the cost range of Rs. 10 to 15 lakhs and 738 projects were in the cost range of above Rs. 5 to 10 lakhs. 551 projects were between the cost range of Rs. 15 to 20 Lakhs and 337 projects were between the cost range of Rs. 20 to 25 lakhs. There were 290 projects costing between Rs. 1 to 5 lakhs and 53 projects were of less than Rs. 1 lakh.

DISTRIBUTION OF R&D PROJECTS BY APPROVED COST DURING 2007-08

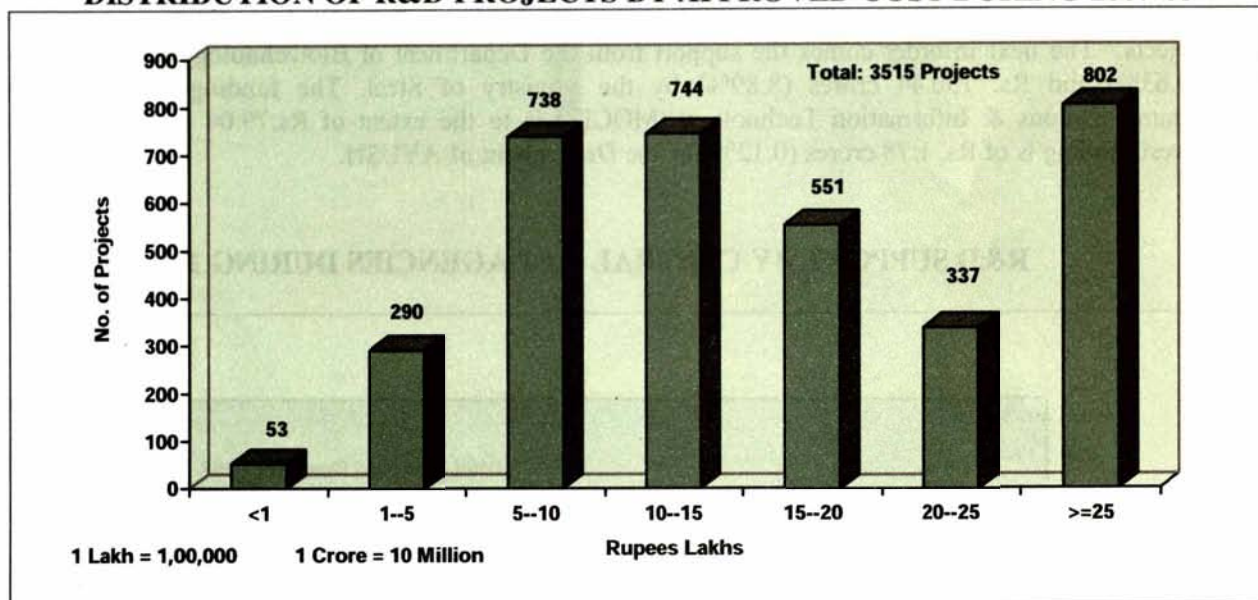


Figure 5

Agency-wise distribution of 699 large projects costing equal to and over Rs. 25 lakhs each is given in **Figure-6**. Out of this, maximum number of projects i.e. 515 were funded by two agencies i.e. 379 by the Department of Biotechnology (DBT) and 136 by the Department of Science & Technology (DST). This was followed by 63 projects sanctioned by the Indian Council of Medical Research (ICMR), 39 by the Defence Research & Development Organisation (DRDO), 28 by the Ministry of Communications & Information Technology (MOCIT), 15 by the Department of Atomic Energy. The remaining 39 projects were approved by other agencies.

AGENCY-WISE DISTRIBUTION OF R&D PROJECTS COSTING Rs. 25 LAKHS & ABOVE DURING 2007-08

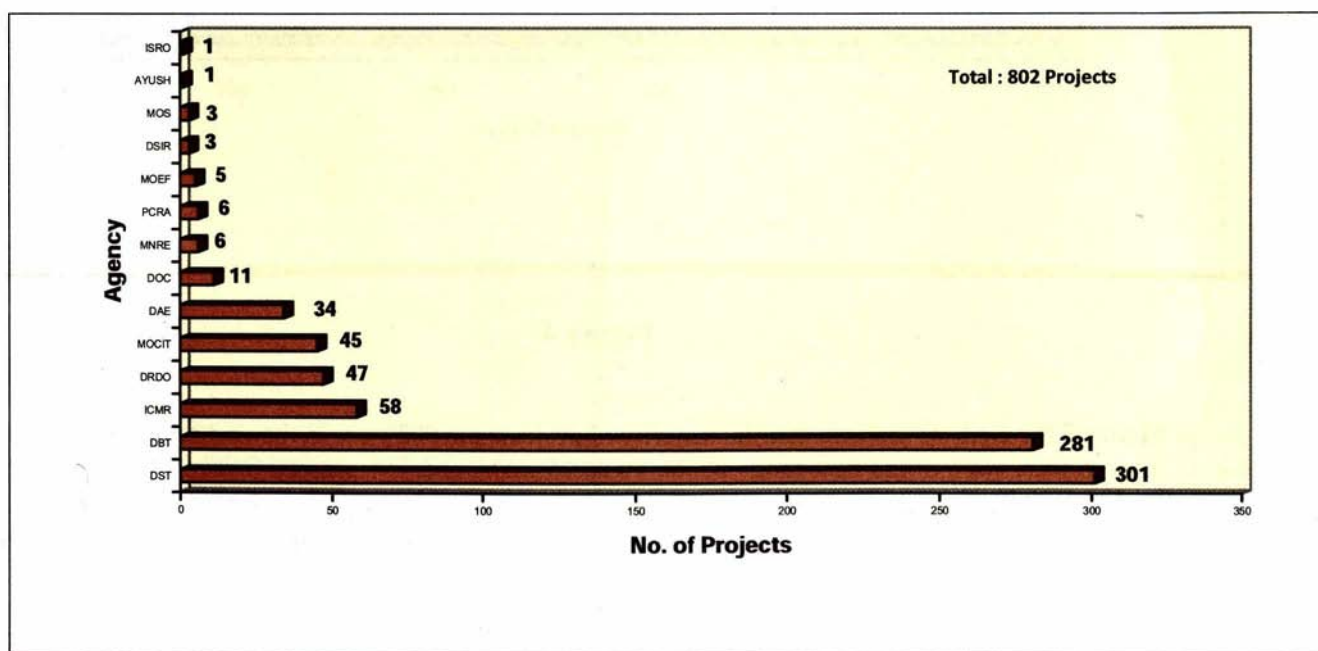


Figure 6

As may be seen from **Figure 5**, the total number of projects costing Rs. 25 lakhs and above are 802. Their further distribution along with total approved cost is shown in **Table 6**. The highest number of projects i.e. 527 are in the cost range of Rs. 25-50 lakhs, followed by 106 in the cost range of Rs. 50-75 lakhs and 87 projects are in the cost range of \geq Rs. 2 crores.

Table 6
Distribution of Extramural R&D Projects costing Rs. 25 Lakhs & above During 2007-08

Cost Range (Rs. Lakhs)	Number of Projects	Total Approved Cost
25--50	527	178.01
50--75	106	63.59
75--100	41	34.74
100--125	18	19.50
125--150	12	16.63
150--175	5	8.22
175--200	6	10.98
≥ 200	87	804.95
Total:	802	1136.62

**DISTRIBUTION OF R&D PROJECTS BY APPROVED COST OF
RS. 25 LAKHS TO \geq 2 CRORE DURING 2007-08**

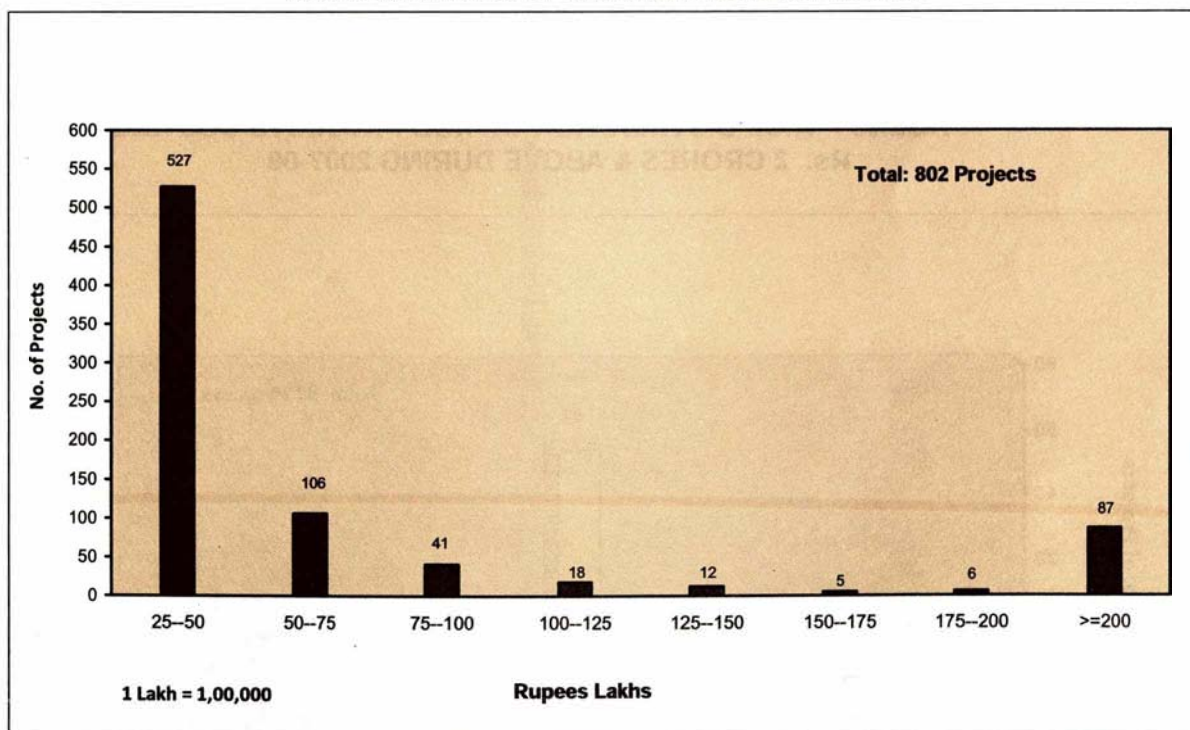


Figure 7

Figure 8 indicates that there were 128 projects costing Rs. 1 crore & above which were funded by 9 agencies during 2007-08. Majority of these projects i.e. 61(47.66%) were funded by the Department of Science & Technology followed by 27 (21.09%) by the Department of Biotechnology.

AGENCY-WISE DISTRIBUTION OF R&D PROJECTS COSTING Rs. 1 CRORE & ABOVE DURING 2007-08

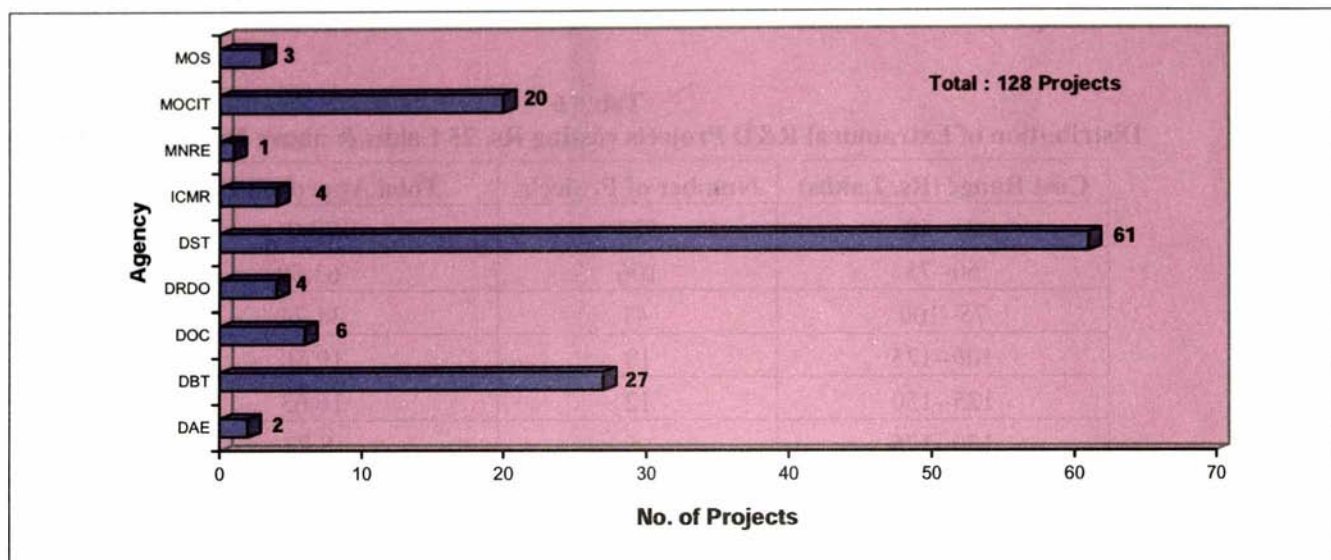


Figure 8

It may be seen from **Figure 9** that there were 87 projects each costing Rupees two crores and above funded by nine agencies. The maximum number of high cost projects i.e. 47 were funded by Department of Science & Technology.

AGENCY-WISE DISTRIBUTION OF R&D PROJECTS COSTING Rs. 2 CRORES & ABOVE DURING 2007-08

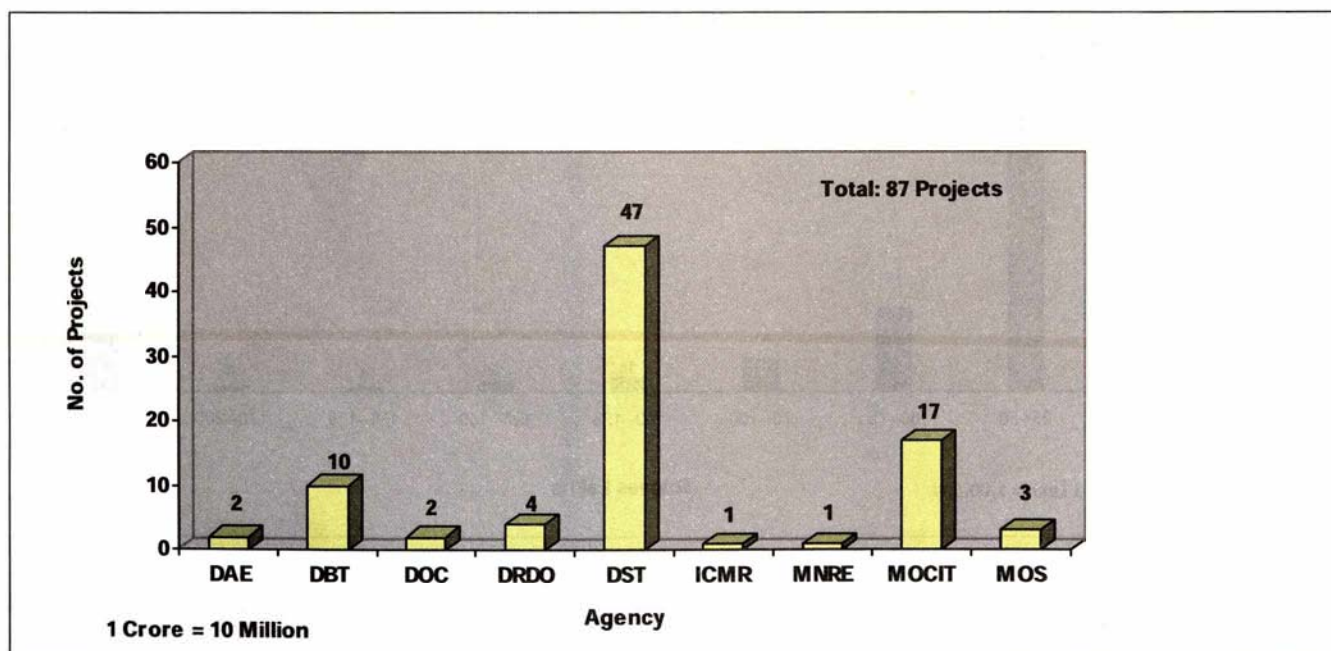


Figure 9

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/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
1	Biotechnological approaches for fruit tree improvements	CSIR-ES	Bapat,V.A., Dr. (M) Bhabha Atomic Research Centre Plant Cell Culture Technology Mumbai - 400 085 Maharashtra	14.46	36
2	Impact of climate change on Indian crops: Vulnerability & adaptations of crops to rising atmospheric CO ₂ , temperature & precipitation	CSIR-ES	Upreti,D.C., Dr. (M) Indian Agricultural Research Institute Division of Plant Physiology New Delhi - 110 012 Delhi	14.46	36
3	Evaluation of Urdbean (<i>Vigna mungo</i> L. HEPPER) X Ricebean (<i>V.umbellata</i>) derivatives for disease resistance & identification of alien chromatin using PCR based markers	CSIR-GS	Mittal,R.K., Dr. (M) Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Department of Plant Breed & Genetics Palampur - 176 062 Himachal Pradesh	13.51	36
4	Glutamine synthetase isoenzymes in rice plants: Differential regulation & organ specific expression in relation to drought stress & comparison with resurrection plant isoforms	CSIR-GS	Ghosh,S., Dr. (F) North Bengal University Department of Biotechnology Darjeeling - 734 013 West Bengal	17.98	36
5	Molecular aspects of defense response during pathogenesis of <i>Alternaria solani</i> in elicitor treated Tomato plants	CSIR-GS	Sathiyabama,M., Dr. (F) Bharathidasan University Department of Plant Science Tiruchirappalli - 620 024 Tamil Nadu	15.76	36
6	Breeding soybean utilizing radiation induced mutants & elite lines for resistance against YMV & root rot	DAE-BRNS	Shrivastava,A.N., Dr. (M) Jawaharlal Nehru Krishi Vishwavidyalaya Department of Plant Breeding & Genetics Jabalpur - 482 004 Madhya Pradesh	4.96	36
7	Development of new varieties of mungbean, uridbean & pigeonpea crops & popularization of released varieties	DAE-BRNS	Rao,S.K., Dr. (M) Jawaharlal Nehru Krishi Vishwavidyalaya Jabalpur - 482 004 Madhya Pradesh	1.52	36
8	Development of radioimmunoassay hormonal estimation in Bovines & estimation of hormones & metabolites in cows & buffaloes having reproductive disorders in Chhattisgarh Region	DAE-BRNS	Khan,J.U.R., Dr. (M) Associate Professor College of Veterinary Science & Animal Husbandry Department of Veterinary Physiology Durg - 491 001 Chhattisgarh	18.03	6
9	Development of salt tolerant high market valued rice mutant varieties	DAE-BRNS	Geetha,S., Dr. (F) Anbil Dharmalingam Agricultural College & Research Institute Plant Breeding & Genetics Tiruchirappalli - 620 009 Tamil Nadu	8.46	36
10	Development of shelf stable intermediate moisture & high moisture fruit & vegetable products using radiation processing as a Hurdle technology	DAE-BRNS	Chaturvedi,A., Dr. (M) Acharya N.G. Ranga Agricultural University Hyderabad - 500 030 Andhra Pradesh	19.14	11
11	Development of stem rot (<i>sclerotium rolfsii</i> sace) resistant genotypes in groundnut (<i>A hypogaea</i> L.) through mutation breeding	DAE-BRNS	Rathnakumar,A.I., Dr. (M) National Research Centre for Groundnut Junagadh - 362 001 Gujarat	17.94	10

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakhs)	Duration (in Months)
12	Effect of additives on the characteristics of the proteins, pentosans & protein-carbohydrate interactions in wheat flour in relation to chapati making quality	DAE-BRNS	Rao,U.J.S.P., Dr. (M) Scientist Central Food Technological Research Institute Department of Biochemistry & Nutrition Mysore - 570 020 Karnataka	19.37	11
13	Genetic improvement of Isabgol (Forsk platago ovata) for yield & yield attributing characters through mutation breeding	DAE-BRNS	Sharma,A.K., Dr. (M) College of Agriculture Bikaner - 334 006 Rajasthan	11.97	36
14	Identification of drought & salt stress inducible genes in grapes rootstocks & their role in physio-biochemical responses under abiotic stresses	DAE-BRNS	Satisha,J., Dr. (M) National Research Centre for Grapes Pune - 412 307 Maharashtra	19.84	6
15	Improving Salt Tolerance in Rice (Oryza Sativa L.) through induced mutagenesis & recombination breeding	DAE-BRNS	Thirumeni,S., Dr. (M) Associate Professor Pt. Jawaharlal Nehru College of Agriculture & Research Institute Plant Breeding & Genetics Karaikudi - 609 603 Tamil Nadu	16.40	11
16	In vitro & in vivo mutation studies in Amla (Emblca officinalis gaertn) through gamma rays	DAE-BRNS	Ponnuswami,V., Dr. (M) Horticultural College & Research Institute Coimbatore - 641 008 Tamil Nadu	17.70	36
17	Induced mutagenesis for higher yield & quality of horsegram	DAE-BRNS	Agrawal,A.P., Dr. (M) S.G. College of Agriculture & Research Station Jagdalpur - 494 005 Chhattisgarh	13.95	36
18	Induced mutation - A crop improvement strategy for developing Dwarf & Sigatoka Leaf Spot resistant Banana Cv. grand naine	DAE-BRNS	Uma,S., Dr. (F) Senior Scientist National Research Centre on Banana Crop Improvement Division Tiruchirappalli - 620 102 Tamil Nadu	14.87	7
19	Investigations on inter-plant competition of Banana (Musa Paradisiaca L.) & of Papaya (Carica Papaya L.) under high density planting using Isotopic technique	DAE-BRNS	Kotur,S.C., Dr. (M) Principal Scientist Indian Institute of Horticulture Research Div. of Soil Sc. & Agricultural Chemistry Bengalooru - 560 089 Karnataka	14.00	7
20	Irradiation of Alphonso mangoes effect on quality /elimination of pest & diseases prevailing in the climatic conditions of the Konkan Region	DAE-BRNS	Pujari,K.H., Dr. (M) College of Agriculture Ratnagiri - 415 712 Maharashtra	13.78	36
21	Irrigation return flow & its mechanism in overexploited indo gangetic Alluvium area in Haryana & central Punjab region & its impact on ground sustainability	DAE-BRNS	Rangarajan,R., Dr. (M) National Geophysical Research Institute Groundwater Replenishment Division Hyderabad - 500 007 Andhra Pradesh	15.80	12
22	Isolation & characterization of mutants with high resistant starch content in rice	DAE-BRNS	Kumar,M., Dr. (M) Tamil Nadu Agricultural University Centre for Plant Breeding & Genetics Coimbatore - 641 003 Tamil Nadu	10.70	36
23	Large scale trial of irradiated potato & onion - their response in different storages condition, respiratory behaviour & maturity indicators	DAE-BRNS	Lawande,K.E., Dr. (M) Director National Research Centre for Onion & Garlic Pune - 411 001 Maharashtra	37.46	14

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
24	Non-invasive monitoring of buffalo reproduction: Application of fecal steroid hormones & metabolite assay	DAE-BRNS	Singh,G., Dr. (M) Indian Veterinary Research Institute Bareilly - 243 122 Uttar Pradesh	15.46	36
25	Reduction of raffinose & stachyose through induced mutation in soybean	DAE-BRNS	Kumar,V., Dr. (M) Senior Scientist National Research Centre for Soybean Department of Plant Biochemistry Indore - 452 017 Madhya Pradesh	14.03	10
26	Scheme on isolation & characterization of mutants with high lycopene content under heat stress condition in tomato	DAE-BRNS	More,T.A., Dr. (M) Director Central Institute of Arid Horticulture Coimbatore - 641 008 Tamil Nadu	13.32	36
27	Studies on selenium & its speciation in environmental & biological samples from seleniferous region of Punjab	DAE-BRNS	Prakash,N.T., Dr. (M) Thapar University Patiala - 147 004 Punjab	10.55	36
28	Studies on the potential of electron beam irradiation as Quarantine disinfection treatment against insect-pests in seeds	DAE-BRNS	Bhalla,S., Dr. (F) Senior Scientist National Bureau of Plant Genetic Resources Division of Plant Quarantine New Delhi - 110 012 Delhi	13.10	7
29	A transgenic approach to develop aphid resistant brassica juncea plant types & their field evaluation	DBT-R&D	Das,S., Dr. (F) Reader Bose Institute Dept. of Plant Mol. & Cellular Gen. Kolkata - 700 054 West Bengal	59.35	60
30	A transgenic approach to develop aphid resistant brassica juncea plant types & their field evaluation	DBT-R&D	Bhattacharya,R.C., Dr. (M) Scientist SS Indian Agricultural Research Institute National Res. Centre on Plant Biotech. New Delhi - 110 012 Delhi	31.42	60
31	An approach on surfactant production from marine sources for industrial applications	DBT-R&D	Gnanamani,A., Dr. (M) Scientist Gr IV (I) Central Leather Research Institute Chennai - 600 020 Tamil Nadu	24.55	36
32	Biocontrol of blast disease of finger millet using Plant Growth Promoting Rhizobacteria (PGPR) with special reference to the functional & genetic diversity of Rhizospheric PGPRS	DBT-R&D	Prabavathy,V.R., Dr. (F) Senior Scientist M.S. Swaminathan Research Foundation Department of Microbiology Chennai - 600 113 Tamil Nadu	19.40	36
33	Biological control & molecular characterization of mycotoxigenic fungal species infesting groundnut, maize & sorghum in India	DBT-R&D	Niranjana,S.R., Dr. (M) Professor Mysore University Studies in Applied Botany & Biotechnology Mysore - 570 006 Karnataka	29.04	36
34	Biological control & molecular characterization of mycotoxigenic fungal species infesting groundnut, maize & sorghum in India	DBT-R&D	Gour,H.N., Dr. (M) Professor & Head Maharana Pratap University of Agriculture & Technology Department of Plant Pathology Udaipur - 313 001 Rajasthan	13.45	36
35	Biological management of ginger rhizome diseases in Himachal Pradesh	DBT-R&D	Shanmugam,V., Dr. (M) Scientist C Institute of Himalayan Bioresource Technology Hill Area Tea Science Division Palampur - 176 061 Himachal Pradesh	22.56	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
36	Biological management of ginger rhizome diseases in Himachal Pradesh	DBT-R&D	Dohroo,N.P., Dr. (M) Senior Plant Pathologist Dr. Y.S. Parmar University of Horticulture & Forestry Department of Vegetable Crops, Nauni Solan - 173 230 Himachal Pradesh	21.65	36
37	Bioremediation of industrial wastes into biomanure fortified with useful microbes by developing vermicomposting models	DBT-R&D	Shweta, Dr. (F) Reader D.S. College P. G. Department of Zoology Aligarh - 202 001 Uttar Pradesh	42.69	36
38	Biosafety evaluation of BT Transgenic Brinjal lines	DBT-R&D	Rai,M., Dr. (M) Director Indian Institute of Vegetable Research Division of Crop Improvement Varanasi - 221 005 Uttar Pradesh	59.08	36
39	Characterization & development of diagnostics for viral nervous necrosis in seabass (Lates Cal Carifer) & mullet (Mugil Cephalus)	DBT-R&D	Jithendran,K.P., Dr. (M) Senior Scientist Central Institute of Brackishwater Aquaculture Aquatic Animal Health & Environment Chennai - 600 028 Tamil Nadu	16.93	36
40	Characterization & development of diagnostics for viral nervous necrosis in seabass (Lates Cal Carifer) & mullet (Mugil Cephalus)	DBT-R&D	Hameed,A.S.S., Dr. (M) Reader C. Abdul Hakeem College Department of Zoology, Melvishram Vellore - 632 503 Tamil Nadu	10.79	36
41	Characterization of stress responsive genes from safflower (Carthamus Tinctorius L.) subtracted cDNA library & functional analysis of candidate genes for drought tolerance	DBT-R&D	Sudhakar,C., Dr. (M) Professor Sri Krishnadevaraya University Department of Biotechnology Anantapur - 515 003 Andhra Pradesh	50.66	36
42	Characterization of active compounds from Marine Mollusc & Porifera that regulate Osteoclastogenesis	DBT-R&D	Chiplunkar,S.V., Dr. (F) Scientist Officer F & Head Advanced Centre for Treatment Research & Education in Cancer Department of Immunology Navi Mumbai - 410 210 Maharashtra	10.60	36
43	Characterization of active compounds from Marine Mollusc & Porifera that regulate Osteoclastogenesis	DBT-R&D	Indap,M.M., Dr. (F) Head D.G. Ruparel College of Arts, Science & Commerce Department of Zoology Mumbai - 400 016 Maharashtra	17.99	36
44	Citrate Synthase (CS) gene overexpression in the transgenic pseudomonas fluorescens harboring Phosphoenolpyruvate Carboxylase (PPC) gene for improved organic acid secretion	DBT-R&D	Kumar,G.N., Dr. (M) Reader M.S. University of Baroda Department of Biochemistry Vadodara - 390 002 Gujarat	30.65	36
45	Cloning, expression & functional characterization of a Mammary Gland Protein MGP-40 expression during mammary gland involution & exploring its potential as a prognostic mammary biomarker in farm animals	DBT-R&D	Mohanty,A.K., Dr. (M) Senior Scientist National Dairy Research Institute Animal Biotechnology Centre Karnal - 132 001 Haryana	40.00	36
46	Comparative analysis of functional & anonymous SNP diversity in legumes: PCR based direct (Gene-Based) & indirect (Marker-Based) Tools for legume genome analysis	DBT-R&D	Lohithaswa,H.C., Dr. (M) Scientist SS Agricultural Sciences University Dharwad - 580 005 Karnataka	69.50	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
47	Construction & characterisation of a buffalo bac library	DBT-R&D	Kumar,S., Dr. (M) Scientist EII Centre for Cellular & Molecular Biology National Facility for Transgenic & Gene Knockout Mice & Buffalo Genomics Group Hyderabad - 500 007 Andhra Pradesh	96.64	6
48	Construction of genetics linkage map & identification of molecular markers for wilt resistance in pigeonpea (Cajanus Cajan (L.) MILLSP.)	DBT-R&D	Salimath,P.M., Dr. (M) Professor Agricultural Sciences University Dept. of Genetic & Plant Breeding Dharwad - 580 005 Karnataka	13.76	36
49	Construction of genetics linkage map & identification of molecular markers for wilt resistance in pigeonpea (Cajanus Cajan (L.) MILLSP.)	DBT-R&D	Raje,R.S., Dr. (M) Senior Scientist Indian Agricultural Research Institute Division of Genetics & Plant Breeding New Delhi - 110 012 Delhi	14.60	36
50	Creating Bio-village model cluster with small & marginal women farmers in Deccan Plateau	DBT-R&D	Murali,V., Dr. (M) Crop Specialist Deccan Development Society Department of Agronomy, Begumpet Hyderabad - 502 220 Andhra Pradesh	9.55	36
51	DBT-ICRISAT Platform for Translational Research on Transgenic Crops (PTTC)	DBT-R&D	Dar,W.D., Dr. (M) Director General International Crops Research Institute for the Semi-Arid Tropics Patancheru - 502 324 Andhra Pradesh	2487.90	60
52	Derivation, characterization & transplantation of fish embryonic stem cells for ES cell Chimera production	DBT-R&D	Routray,P., Dr. (M) Senior Scientist Central Institute of Freshwater Aquaculture Div. of Aquaculture Prod. & Env. Bhubaneswar - 751 002 Orissa	38.54	36
53	Detoxification & utilization of key agro-forest based non conventional oil cakes in the feeding of livestock	DBT-R&D	Adhikari,J., Dr. (F) Director Ganesh Scientific Research Foundation New Delhi - 110 015 Delhi	37.87	60
54	Detoxification & utilization of key agro-forest based non conventional oil cakes in the feeding of livestock	DBT-R&D	Ravikanth,K., Mr. (M) DGM Ayurvet Limited Solani - 173 205 Himachal Pradesh	36.29	60
55	Detoxification & utilization of key agro-forest based non conventional oil cakes in the feeding of livestock	DBT-R&D	Rao,S.B.N., Dr. (M) Senior Scientist National Institute of Animal Nutrition & Physiology Department of Animal Nutrition Bengaluru - 563 030 Karnataka	54.39	60
56	Detoxification & utilization of key agro-forest based non conventional oil cakes in the feeding of livestock	DBT-R&D	Sharma,K., Dr. (M) Reader Panjab University Department of Anthropology Chandigarh - 160 014 Chandigarh	71.58	60
57	Detoxification & utilization of key agro-forest based non conventional oil cakes in the feeding of livestock	DBT-R&D	Parnekar,S., Dr. (M) Research Scientist & Head Anand Agricultural University Department of Animal Nutrition Research Anand - 388 110 Gujarat	48.88	60
58	Developing sulphur oxidizing bacteria formulation for enhancing the production & quality of black gram & groundnut	DBT-R&D	Sridhar,R., Dr. (M) Professor Tamil Nadu Agricultural University Department of Agriculture Microbiology Coimbatore - 641 003 Tamil Nadu	12.98	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
59	Development & characterization of microsatellite markers in Indian Snow Trout (<i>Schizothorax Richardsonii</i>)	DBT-R&D	Bárat,A., Dr. (M) Senior Scientist National Research Centre on Coldwater Fisheries Dept. of Fish Genetics & Breeding Nainital - 263 136 Uttarakhand	32.84	36
60	Development & charecterization of cell lines from fish & their applications	DBT-R&D	Bhonde,R.R., Dr. (M) Scientist F National Centre for Cell Sciences Tissue Engineering & Banking Laboratory Pune - 411 007 Maharashtra	10.00	36
61	Development & charecterization of cell lines from fish & their applications	DBT-R&D	John,K.R., Dr. (F) Associate Professor Fisheries College & Research Institute Department of Aquaculture Thoothukkudi - 628 008 Tamil Nadu	36.01	36
62	Development & molecular characterization of Brassica Rap/B. Juncea lines carrying gene introgression from wild species for alternaria resistance*	DBT-R&D	Banga,S.S., Dr. (M) Senior Scientist Punjab Agricultural University Dept. of Plant Breeding Gen. & Biotech. Ludhiana - 141 004 Punjab	23.76	24
63	Development & use of fluorescent transgenic Zebrafish biosensors for monitoring genotoxic pollutants	DBT-R&D	Chaudhari,A., Mrs. (F) Senior Scientist Central Institute of Fisheries Education Division of Fish Genetics & Reproduction Mumbai - 400 061 Maharashtra	38.08	36
64	Development & use of fluorescent transgenic Zebrafish biosensors for monitoring genotoxic pollutants	DBT-R&D	Sivasubbu,S., Dr. (M) Scientist Fellow Institute of Genomics & Integrative Biology Delhi - 110 007 Delhi	36.92	36
65	Development of DNA based vaccine against Aeromonas SPP. Employing conserved outer membrane Porin Gene (LAMB)	DBT-R&D	Dixit,A., Dr. (F) Associate Professor Jawaharlal Nehru University Centre for Biotechnology New Delhi - 110 067 Delhi	44.82	36
66	Development of DNA based vaccine against Aeromonas SPP. Employing conserved outer membrane Porin Gene (LAMB)	DBT-R&D	Makesh,M., Dr. (M) Scientist Central Institute of Fisheries Education Aquatic Animal Health Management Mumbai - 400 061 Maharashtra	12.63	36
67	Development of Embryonic Cell lines from selected freshwater & marine finfish species used in aquaculture	DBT-R&D	Bhonde,R.R., Dr. (M) Scientist F National Centre for Cell Sciences Tissue Engineering & Banking Lab. Pune - 411 007 Maharashtra	8.02	36
68	Development of embryonic cell lines from selected freshwater & marine finfish species used in aquaculture	DBT-R&D	Lakra,W.S., Dr. (M) Director National Bureau of Fish Genetic Resources Dept. of Fish Genetics & Biotechnology Lucknow - 226 002 Uttar Pradesh	35.67	36
69	Development of genetically improved strains of brine shrimp artemia using quantitative & molecular genetic tools	DBT-R&D	Thomas,P.C., Dr. (M) Senior Scientist Central Marine Fisheries Research Institute Kochi - 682 018 Kerala	38.39	36
70	Development of high throughput plantlet regeneration system via somatic embryogenesis in Pigeon Pea, Cjanus Cajan L. millsp	DBT-R&D	Manoharan,K., Dr. (M) Reader Madurai Kamaraj University School of Biological Sciences Madurai - 625 021 Tamil Nadu	20.78	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
71	Development of molecular & immuno diagnostic kits for Hepatopancreatic Parvovirus (HPV) in Shrimp	DBT-R&D	Uma,A., Dr. (F) Assistant Professor Tamil Nadu Veterinary & Animal Sciences University Centre for Animal Health Studies Chennai - 600 051 Tamil Nadu	29.57	36
72	Development of Multiplex PCR for the simultaneous detection of bacterial pathogens Salmonella, Vibrio Cholerae & E. Coli in Fish & Fishery Products	DBT-R&D	Jeyasekaran,G., Dr. (M) Associate Professor Fisheries College & Research Institute Dept. of Fish Processing Technology Thoothukkudi - 628 008 Tamil Nadu	41.89	36
73	Development of species specific DNA marker 'Sequence characterized amplified region' (Scar) in economically important Shellfish species Green Mussel (Perna Viridis) & edible Oyster (Crassostrea Madrasensis)Farming & Resource Management	DBT-R&D	Jaysankar,P., Dr. (M) Scientist Central Marine Fisheries Research Institute Physiology, Nutrition, Pathology Division Kochi - 682 014 Kerala	35.39	36
74	Development of SSR markers, mapping & marker assisted selection for Sterility Mosaic Disease (SMD) resistance in pigeonpea [Cajanus Cajan (L) Millsp.]	DBT-R&D	Gowda,M.B., Dr. (M) Professor Agricultural Sciences University Department of Genetics & Plant Breeding Bengalooru - 560 065 Karnataka	33.82	24
75	Development of substrate specific fibrolytic enzymes & bioconversion of feed ingredients for enhancing nutrient utilisation in shrimp aquaculture	DBT-R&D	Ambasankar,K., Dr. (M) Scientist (SS) Central Institute of Brackishwater Aquaculture Nutrition, Genetics & Biotechnology Division Chennai - 600 028 Tamil Nadu	29.05	36
76	Development of tissue cultural & transformation protocols in sunflower (Helianthus Annuus L.) as a prelude for development of transgenics resistant to sunflower necrosis disease*	DBT-R&D	Sujatha,M., Dr. (F) Senior Scientist Directorate of Oilseeds Research Department of Genetics & Cytogenetics Hyderabad - 500 030 Andhra Pradesh	30.25	36
77	Development of tissue culture & genetic transformation protocols in Sesame	DBT-R&D	Kirti,P.B., Prof. (M) Hyderabad University Department of Plant Sciences Hyderabad - 500 046 Andhra Pradesh	15.93	36
78	Development of tissue culture & genetic transformation protocols in Sesame	DBT-R&D	Sen,S.K., Prof. (M) Chairman Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	26.24	36
79	Development of transgenic pigeon pea for high phosphorus uptake by over expressing gene encoding citrate synthase through root specific promoters	DBT-R&D	Hussain,I.S.A., Dr. (M) Professor Agricultural Sciences University Dept. of Soil Sc. & Agricultural Chem. Bengalooru - 560 065 Karnataka	40.15	60
80	Development, characterization & maintenance of cell lines from selected species of marine invertebrates	DBT-R&D	Singh,I.S.B., Dr. (M) Professor & Director Cochin University of Science & Technology Centre for Fish Disease Diagnosis & Management Kochi - 682 016 Kerala	31.76	36
81	Development, characterization & maintenance of cell lines from selected species of marine invertebrates	DBT-R&D	Patole,M.S., Dr. (M) Scientist E National Centre for Cell Sciences Pune - 411 007 Maharashtra	10.00	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
82	Development of combination formulation & consortium bio-pesticide of pseudomonas fluorescens & patenting	DBT-R&D	Rao,M.S., Dr. (M) Principal Scientist Indian Institute of Horticulture Research Department of Entomology & Nematology Bengalooru - 560 089 Karnataka	35.61	36
83	Discovery of novel antimicrobial molecules from Marine Actinomycetes	DBT-R&D	Mathivanan,N., Dr. (M) Lecturer Madras University Centre for Advanced Studies in Botany Chennai - 600 025 Tamil Nadu	41.66	36
84	DNA fingerprinting & chemo profiling of traditional ginger cultivars of North-Eastern India	DBT-R&D	Rahman,H., Dr. (M) Joint Director North East Hill Region Sikkim Centre, Tadong Gangtok - 737 102 Sikkim.	67.91	36
85	DNA fingerprinting proteomics & chemoprofiling of traditional ginger cultivars of North-Western Himalayas	DBT-R&D	Gupta,S.B., Dr. (F) Scientist B Regional Research Laboratory Biotechnology Division, Canal Road Jammu - 180 001 Jammu & Kashmir	59.84	36
86	DNA marker assisted identification of rust resistance in Cowpea (Vigna Unguiculata)	DBT-R&D	Uma,M.S., Dr. (F) Associate Professor Agricultural Sciences University Super Elite Sunflower Seed Production Scheme Bengalooru - 560 065 Karnataka	39.04	36
87	DNA Markers & disease resistance in giant black tiger shrimp, penaeus monodon	DBT-R&D	Mandal,N.N., Dr. (M) Senior Lecturer Bose Institute Department of Immunotechnology Kolkata - 700 054 West Bengal	34.30	36
88	Energetics & dynamics of protein stability & iron binding properties & their modulation by Domain-Domain interaction in lactoferrins from various animal species	DBT-R&D	Kaushik,J.K., Dr. (M) Senior Scientist National Dairy Research Institute Molecular Biology Unit Karnal - 132 001 Haryana	65.57	36
89	Enrichment of aquafeed with cellulolytic & amyolytic microbes isolated from digestive tract of brackishwater fishes	DBT-R&D	De,D., Dr. (M) Scientist (SS) Central Institute of Brackishwater Aquaculture Department of Animal Nutrition 24 Parganas - 743 347 West Bengal	34.70	36
90	Establishment of buffalo embryonic stem cell lines	DBT-R&D	Palanisamy,A., Dr. (M) Associate Professor Madras Veterinary College Department of Animal Biotechnology Chennai - 600 007 Tamil Nadu	36.58	36
91	Establishment of Tasar technology complex for socio-economic empowerment of tribals through skill development in Tasar development in Tasar culture	DBT-R&D	Gupta,V.P., Dr. (M) Senior Research Officer Central Tasar Research & Training Institute Ranchi - 835 303 Jharkhand	19.58	36
92	Evaluation & advancement of stable groundnut transgenic lines over expressing BT-Cry 1x gene for insect tolerance	DBT-R&D	Kumar,P.A., Dr. (M) Principal Scientist Indian Agricultural Research Institute National Res. Centre on Plant Biotech. New Delhi - 110 012 Delhi	18.95	36
93	Evaluation & advancement of stable groundnut transgenic lines over expressing BT-Cry 1x gene for insect tolerance	DBT-R&D	Kumar,A.R.V., Dr. (M) Professor Agricultural Sciences University Department of Entomology Bengalooru - 560 065 Karnataka	41.83	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
94	Exploring in Vitro culture & characterization of Spermatogonial Stem Cells (SSCs) of Indian major CARP, Labo Rohita (Hamilton)	DBT-R&D	Barman, H.K., Dr. (M) Scientist Central Institute of Freshwater Aquaculture Department of Biotechnology Cell Bhubaneswar - 751 002 Orissa	37.91	36
95	Fertility performance & analysis of CYP 19 gene regulation in Buffalo	DBT-R&D	Singh, D., Dr. (M) Scientist (SS) National Dairy Research Institute Department of Animal Biotechnology Karnal - 132 001 Haryana	31.68	36
96	Fine mapping of rust resistance locus in lens using map-based markers & genomic resources from related taxa	DBT-R&D	Sharma, T.R., Dr. (M) Associate Professor Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Adv. Centre for Hill Biores. & Biotech. Palampur - 176 062 Himachal Pradesh	26.70	36
97	Gene stacking in BT-Cotton	DBT-R&D	Balasubramani, G., Dr. (M) Scientist Central Institute for Cotton Research Nagpur - 440 010 Maharashtra	31.08	36
98	Gene stacking in BT-Cotton	DBT-R&D	Katageri, I.S., Dr. (M) Plant Scientist Agricultural Sciences University Dept. of Genetics & Plant Breeding Dharwad - 580 007 Karnataka	29.32	36
99	Gene stacking in BT-Cotton	DBT-R&D	Kumar, P.A., Dr. (M) Principal Scientist Indian Agricultural Research Institute National Research Centre on Plant Biotech. New Delhi - 110 012 Delhi	36.45	36
100	Genetic enhancement of Soybean for charcoal rot resistance through molecular techniques	DBT-R&D	Talukdar, A., Dr. (M) Senior Scientist Indian Agricultural Research Institute Department of Genetics, Pusa New Delhi - 110 012 Delhi	17.80	24
101	Genetic profiling of important meat & wool type indigenous sheep breeds using neutral & functional markers	DBT-R&D	Arora, R., Dr. (F) Senior Scientist National Bureau of Animal Genetic Resources Karnal - 132 001 Haryana	55.35	36
102	Genetic transformation & molecular analysis of Indian sweet sorghum genotypes with BT gene constructs	DBT-R&D	Visarada, K.B.R.S., Dr. (M) Senior Scientist National Research Centre for Sorghum Hyderabad - 500 030 Andhra Pradesh	33.31	36
103	Identification of genes involved during disease development by gall forming rust fungi in Acacia Eburnea & Jasminum Malbaricum	DBT-R&D	Harsulkar, A.M., Dr. (M) Scientist Bharati Vidyapeeth Interactive Res. School for Health Affairs Pune - 411 043 Maharashtra	28.67	36
104	Identification of genes involved during disease development by gall forming rust fungi in Acacia Eburnea & Jasminum Malbaricum	DBT-R&D	Gandhe, K.R., Dr. (F) Reader Modern College of Arts, Science & Commerce P. G. Research Centre Pune - 411 005 Maharashtra	10.79	36
105	Initiating vegetable cultivation through vermi composting for income generation of SC population in Ghinni - Ghad region of Sirmour district of HP	DBT-R&D	Kumar, S., Mr. (M) Project Director Social Awareness Through Human Involvement Technology Development Cell Sirmour - 173 024 Himachal Pradesh	4.88	24

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
106	Intensive culture & preservation of marine copepod eggs for aquaculture-Biotechnological approach	DBT-R&D	Santhanam,P., Dr. (M) Lecturer Bharathidasan University Department of Marine Science Tiruchirappalli - 620 024 Tamil Nadu	16.77	24
107	Isolation & characterization of bioactive molecules from indigenous Rhizobacteria for the management of soil borne Pathogens	DBT-R&D	Dureja,P., Dr. (F) Senior Scientist Indian Agricultural Research Institute Department of Agricultural Chemicals New Delhi - 110 012 Delhi	14.79	24
108	Isolation, culture & characterization of adult stem cells in buffaloes	DBT-R&D	Yadav,P.S., Dr. (M) Senior Scientist Central Institute for Research on Buffaloes Dept. of Buffalo Physiology & Reproduction Hisar - 125 001 Haryana	67.13	36
109	Mapping & marker assisted selection for new genes for resistance to white rust (Albugo Candida) in Indian Mustard (Brassica Juncea (L.) Czern. & amp; COSS)	DBT-R&D	Yadava,D.K., Dr. (M) Senior Scientist Indian Agricultural Research Institute Department of Genetics, Pusa New Delhi - 110 012 Delhi	17.02	24
110	Mapping molecular markers linked to H2 locus of wilt resistance & marker assisted selection for pyramiding fusarium wilt resistance genes in chickpea	DBT-R&D	Ravikumar,R.L., Dr. (M) Associate Professor Agricultural Sciences University Dharwad - 580 005 Karnataka	30.68	36
111	Mass culture of Hepatopancreatic Cells of Paphia Malabarica & Scylla serrata & isolation of bioactive compounds	DBT-R&D	Patole,M.S., Dr. (M) Scientist E National Centre for Cell Sciences Pune - 411 007 Maharashtra	10.00	36
112	Mass culture of Hepatopancreatic Cells of Paphia Malabarica & Scylla serrata & isolation of bioactive compounds	DBT-R&D	Desai,P.V., Dr. (M) Professor & Head Goa University Department of Zoology Taleigo Plateau - 403 206 Goa	28.60	36
113	Metabolic engineering of fatty acid biosynthesis to develop nutritionally improved brassica seed oil	DBT-R&D	Maiti,M.K., Dr. (M) Scientist Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	41.93	36
114	Metabolic engineering of fatty acid biosynthesis to develop nutritionally improved brassica seed oil	DBT-R&D	Bhattacharyya,S., Dr. (M) Reader Bidhan Chandra Krishi Vishwavidyalaya Department of Genetics Nadia - 741 252 West Bengal	5.28	36
115	Molecular & genetic analysis of transgenic male sterile & restorer lines in Safflower (Carthamus Tinctorius L.)	DBT-R&D	Kumar,V.D., Dr. (M) Senior Scientist Directorate of Oilseeds Research Department of Crop Improvement Hyderabad - 500 030 Andhra Pradesh	22.98	36
116	Molecular characterization & proteomics expression of insect JHAMT gene	DBT-R&D	Muraleedharan,D., Dr. (M) Professor & Hon. Director Kerala University Department of Zoology, Kariavattom Thiruvananthapuram - 695 581 Kerala	53.35	36
117	Molecular studies on HUFA synthesizing capability in rohu (Labeo Rohita L.)	DBT-R&D	Nandi,S., Dr. (M) Senior Scientist Central Institute of Freshwater Aquaculture Fish Genetics & Biotechnology Division Bhubaneswar - 751 002 Orissa	41.15	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
118	Molecular tagging & mapping the QTL (S) for resistance to fusarium wilt in chickpea	DBT-R&D	Boora,K.S., Dr. (M) Senior Scientist Ch. Charan Singh Haryana Agricultural University Dept. of Biotech. & Molecular Biology Hisar - 125 004 Haryana	26.91	36
119	Production of monoclonal antibodies to serum immunoglobulins of ophiocephalus striatus & clarias batrachus & their application in immunoassays	DBT-R&D	Sood,N., Dr. (M) Scientist National Bureau of Fish Genetic Resources Exotic & Quarantine Division Lucknow - 226 002 Uttar Pradesh	31.37	36
120	Productivity improvement of mungbean (Vigna Radiata) with biofertilizer package & its impact on rice based cropping system with particular reference to soil health under Terai Agroclimatic Zone (#2) of West Bengal	DBT-R&D	Bhattacharya,P.M., Dr. (M) Reader Uttar Banga Krishi Vishwavidyalaya Department of Plant Pathology Cooch Behar - 736 165 West Bengal	25.43	36
121	Promotion of entrepreneurial development among SC/ST & Women through cultivation, value addition product development & marketing through SHG approach	DBT-R&D	Brindha,P., Dr. (M) Dean Srimad Andavan Arts & Science College Tiruchirappalli - 620 005 Tamil Nadu	21.15	36
122	Rural bioresource complex for bio-entrepreneurship development among tribal youths in Tripura	DBT-R&D	Roy,M., Mr. (M) Deputy Secretary Tripura State Council for Science & Technology Agartala - 799 006 Tripura	56.66	36
123	Scope for development of alternaria carthami disease resistant transgenic plants of safflower by biotechnological approaches	DBT-R&D	Kumari,B.D.R., Dr. (F) Reader Bharathidasan University Department of Plant Science Tiruchirappalli - 620 024 Tamil Nadu	29.37	36
124	Screening & isolation of Marine Actinomycetes producing novel bioactive compounds	DBT-R&D	Prabhakar,T., Prof. (M) Andhra University A.U. College of Pharmaceutical Sciences Visakhapatnam - 530 003 Andhra Pradesh	20.25	24
125	Screening of Biotechnologically useful enzymes in Halophiles/ Haloalkaliphiles from coastal areas of Gujarat : Molecular & functional characterization for industrial application	DBT-R&D	Khare,S.K., Dr. (M) Assistant Professor Indian Institute of Technology (D) Department of Chemistry New Delhi - 110 016 Delhi	33.11	48
126	Screening of Biotechnologically useful enzymes in Halophiles/ Haloalkaliphiles from coastal areas of Gujarat: Molecular & functional characterization for industrial application	DBT-R&D	Singh,S.P., Dr. (M) Head Saurashtra University Department of Biosciences Rajkot - 360 005 Gujarat	32.54	48
127	Sero - Phage & molecular tagging of indigenous soybean rhizobia to select prominent effective strains useful in national breeding programme for enhancing BNF - Based Soybean production	DBT-R&D	Dhar,B., Dr. (M) Professor-Cum-Microbiologist Banaras Hindu University Institute of Agriculture Sciences Varanasi - 221 005 Uttar Pradesh	31.13	36
128	Smart pond management system for freshwater aquaculture	DBT-R&D	Sarangi,N., Dr. (M) Director Central Institute of Freshwater Aquaculture Bhubaneswar - 751 002 Orissa	25.03	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
129	Smart pond management system for freshwater aquaculture	DBT-R&D	Rao,K.S.N., Mr. (M) Scientist F Central Electronics Engineering Research Institute Dept. of Electronics for Societal Purposes Pilani - 333 031 Rajasthan	35.53	36
130	Standardisation of techniques for captive breeding, rearing & culture of three Indian Seahorse species	DBT-R&D	Sreepada,R.A., Mr. (M) Technical Officer National Institute of Oceanography Aquaculture Laboratory Dona Paula - 403 004 Goa	22.40	36
131	Tagging & marker-assisted transfer of low glucosinolate trait in Brassica Juncea	DBT-R&D	Pradhan,A.K., Dr. (M) Professor & Head Delhi University Department of Genetics New Delhi - 110 021 Delhi	61.91	36
132	Tagging & marker-assisted transfer of low glucosinolate trait in Brassica Juncea	DBT-R&D	Agnihotri,A., Dr. (F) Fellow The Energy Resources Institute Biotechnology Division, Lodhi Road New Delhi - 110 003 Delhi	41.60	36
133	Tagging & marker-assisted transfer of low glucosinolate trait in Brassica Juncea	DBT-R&D	Kaur,G., Dr. (F) Assistant Punjab Agricultural University Department of Plant Breeding Ludhiana - 141 004 Punjab	50.84	36
134	Development of genetically modified psychrophilic phosphate solubilizers as PGPR to nourish vegetable crops in cold regions of Himalaya	DRDO-LSRB	Yadav,J., Dr. (M) Institute of Agricultural Sciences Solid Agricultural & Agricultural Chemistry Varanasi - 221 005 Uttar Pradesh	29.85	36
135	Evaluation of maize genotypes for silicon induced abiotic stress (drought) tolerance & revealing the mechanism behind stress tolerance	DRDO-LSRB	Agnihotri,A., Dr. (F) Fellow The Energy Resources Institute New Delhi - 110 003 Delhi	26.58	36
136	Identification of low curcun genotypes of Jatropha & their utilization in developing candidate gene markers	DRDO-LSRB	Chauhan,R.S., Dr. (M) Professor & Head Jaypee University of Information Technology Solun - 173 215 Himachal Pradesh	19.14	36
137	Management of cotton bollworm by entomopathogenic nematodes	DRDO-LSRB	Seenivasan,N., Dr. (M) Agricultural College & Research Institute Thoothukudi - 628 252 Tamil Nadu	5.53	36
138	Molecular characterization, Micro propagation & isolation of somaclonal variants for high yield & oil content in Jatropha curcas	DRDO-LSRB	Vikas, Dr. (M) Associate Professor Sardar Ballabh Bhai Patel University of Agriculture & Technology Department of Genetics & Plant Breeding Meerut - 250 110 Uttar Pradesh	24.95	36
139	Towards the designer bio-diesel in Jatropha Curcas	DRDO-LSRB	Goel,S., Dr. (M) Reader Delhi University Department of Botany Delhi - 110 007 Delhi	26.65	36
140	Chitinase gene transfer in sunflower for improved fungal disease	DST-ID	Jayabalan,N., Dr. (M) Professor & Head Bharathidasan University Plant Biotechnology Unit Tiruchirappalli - 620 024 Tamil Nadu	3.66	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
141	Coffee Brewing for durable resistible against coffee lead rust & coffee berry disease	DST-ID	Ram,A.S., Dr. (M) Head Central Coffee Research Institute Botany Division Chikmagalur - 577 117 Karnataka	6.81	36
142	Developing tomato germplasm possessing economically important traits	DST-ID	Hasra,P., Prof. (M) Bidhan Chandra Krishi Vishwavidyalaya Faculty of Horticulture, Mohanpur Nadia - 741 252 West Bengal	3.47	36
143	Development of Pilot plant for rice based constructed wetland & pre evaluation of microbial diversities for casava sago factory waste water purification	DST-ID	Kumar,K., Dr. (M) Tamil Nadu Agricultural University Department of Agricultural Microbiology Coimbatore - 641 003 Tamil Nadu	2.50	24
144	Diversification an assessment of Germplasm resources having significance of the vegetables	DST-ID	Singh,D.K., Dr. (M) G.B. Pant University of Agriculture & Technology Department of Vegetable Science Pantnagar - 244 713 Uttarakhand	6.72	36
145	Dynamics of molecular cytogenetic approach for the resolution of genetic mechanism of chromosome elimination process of haploid induction & physical mapping of the targeted alien introgression in bread wheat	DST-ID	Choudhary,H.K., Dr. (M) Associate Professor Ch. Sarwan Kumar Himachal Pradesh Krishi Vishwavidyalaya Department of Plant Breeding & Genetics Palampur - 176 062 Himachal Pradesh	7.30	24
146	Eco-geographical & physiological approaches to improve chilling tolerance in chickpea in Australia & India	DST-ID	Nayyar,H., Dr. (M) Reader Panjab University Chandigarh - 160 014 Chandigarh	41.44	36
147	Epidemiology & ecology of plant virus with special respect to tomato spotted wiltvirus on potato & ornamental plants	DST-ID	Zeidi,A.A., Dr. (M) Institute of Himalayan Bioresource Technology Palampur - 176 061 Himachal Pradesh	3.64	24
148	Meiosis in wheat & rice are the interactions & regulation of this process conserved between other diverse eukaryote organisms	DST-ID	Kapoor,S., Dr. (M) Associate Professor Delhi University Department of Plant Molecular Biology Delhi - 110 007 Delhi	40.29	36
149	Protein Hydrolysates from marine resources to their physiological functions	DST-ID	Bhaskar,N., Dr. (M) Scientist Central Food Technological Research Institute Dept. of Meat, Fish & Poultry Technology Mysore - 570 020 Karnataka	4.70	24
150	Rapid detection methods for GMOs in food, feed & crop plants	DST-ID	Sivaramakrishnan,S., Dr. (M) College of Agriculture Department of Agricultural Biotechnology Hyderabad - 500 030 Andhra Pradesh	6.82	24
151	Research opportunities on effective technologies to increase the performance & adoption of conservation till age	DST-ID	Kumar,V.J.F., Dr. (M) Professor & Head Tamil Nadu Agricultural University Coimbatore - 641 003 Tamil Nadu	1.15	36
152	Stress response of rice roots towards salt	DST-ID	Mathews,M.K., Dr. (M) Professor National Centre for Biological Sciences Membrane Biophysics Laboratory Bengalooru - 560 065 Karnataka	3.16	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 Lakhs)	Duration (in Months)
153	Use of Bacteriocins from lactic Acid Bacteria in the Bio-Preservation of Traditional Dairy Products	DST-ID	Puranik,D.B., Dr. (M) Associate Professor Agricultural Sciences University Department of Dairy Technology Bengalooru - 560 024 Karnataka	6.56	36
154	Improving Carbon & Nitrogen Sequestration: A Transgenic Approach to lower Green House Gas	DST-JTP	Kumar,S., Dr. (M) Institute of Himalayan Bioresource Technology Palampur - 176 061 Himachal Pradesh	35.29	36
155	Predicting Soil Carbon changes under different bio-climatic systems in India	DST-JTP	Bhattacharyya,T., Dr. (M) National Bureau of Soil Survey & Land Use Planning Nagpur - 440 010 Maharashtra	16.72	36
156	Assessment of antimetabolic effects of proteaseinhibitor from ricebean (vigna umbellata) on pod borer (Helicoverpa armigera) & pulse beetle (callosobruchus chinensis)	DST-SERC-FT	Katoch,R., Dr. (M) Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Department of Plant Breeding & Genetics Manali - 176 062 Himachal Pradesh	13.62	36
157	Biointensified integrated pest management of fruitfly (Bactrocera spp.) through entomogenous fungi on pear ecosystem in mid hills of North Western Himalayan Region of Uttarakhand	DST-SERC-FT	Purwar,J.P., Dr. (M) G.B. Pant University of Agriculture & Technology Pantnagar - 263 145 Uttarakhand	3.12	36
158	Cloning & functional characterization of DNA repair proteins (XPB & XPD) from rice and/or pea	DST-SERC-FT	Ahmad,P., Dr. (M) International Centre for Genetic Engineering & Biotechnology Division of Plant Molecular Biology New Delhi - 110 067 Delhi	16.60	36
159	Developing new potassium solubilizing bio-inoculant for balanced & sustainable soil fertility	DST-SERC-FT	Raja,P., Dr. (M) Tamil Nadu Agricultural University Centre for Adv. Studies in Agr. Microbio. Coimbatore - 641 003 Tamil Nadu	13.52	36
160	Development of introgression lines towards pyramiding of aroma QTLs in basmati rice(oryza sativa L.)	DST-SERC-FT	Dey,T., Dr. (F) Sher-e-Kashmir University of Agriculture & Technology Division of Plant Breeding & Genetics Jammu - 180 009 Jammu & Kashmir	7.80	36
161	Diversity analysis, characaterization & documentation of Avare (Lablab purpureus L.) genetic resources in Northern Karnataka	DST-SERC-FT	Patil,B.S., Dr. (M) College of Agriculture Dept. of Genetics & Plant Breeding Gulbarga - 585 287 Karnataka	7.20	36
162	Effect of biotic & abiotic factors on the growth metabolism of cephaluros parasiticus karst, the causal organism of red rust disease in tea plants	DST-SERC-FT	Ponmurugan,P., Dr. (M) K.S.Rangasamy College of Technology Department of Biotechnology Tiruchirappalli - 637 209 Tamil Nadu	8.76	36
163	Effect of water stress on wheat (Triticum aestivum) leaves during senescence	DST-SERC-FT	Behera,R.K., Dr. (M) Fakir Mohan University School of Biotechnology Balasore - 756 019 Orissa	7.20	36
164	Enhancement of resistance of Panama wilt (Fusarium Oxysporum f.sp. Cubense) of Banana Mediated through co-culturing of banana plantlets with PGPR & Endophytes	DST-SERC-FT	Kavino,M., Dr. (M) Tamil Nadu Agricultural University Horticultural College & Research Institute Coimbatore - 641 003 Tamil Nadu	11.76	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 Lakhs)	Duration (in Months)
165	Exploitation of Microbes for the management of important fungal pathogens of <i>Agaricus bisporus</i> (white button mushroom)	DST-SERC-FT	Singh,M., Dr. (F) Chandra Shekhar Azad University of Agriculture & Technology Department of Plant Pathology Kanpur - 208 002 Uttar Pradesh	12.65	36
166	Graft Copolymerization on to Cassava Starch & evaluation of the products	DST-SERC-FT	Jyoti,A.N., Dr. (F) Central Tuber Crops Research Institute Division of Crop Utilization Thiruvananthapuram - 695 017 Kerala	18.36	36
167	Induction of double haploids for bacterial leaf blight resistance in basmati rice (<i>oryza sativa</i> L.) through another culture	DST-SERC-FT	Salgotra,R.K., Dr. (M) Sher-e-Kashmir University of Agriculture & Technology Division of Genetics & Plant Breeding Jammu - 180 009 Jammu & Kashmir	15.94	36
168	Interactive effect of 4-chloroindole-3-acetic acid, 24-epibrassinolide & calcium on the salinity induced changes in tomato (<i>Lycopersicon esculentum</i>)	DST-SERC-FT	Ali,B., Dr. (M) Aligarh Muslim University Department of Botany Aligarh - 202 002 Uttar Pradesh	15.72	36
169	On-farm conservation & molecular characterization of different landraces of rice, Kumaun region of the Indian Central Himalaya	DST-SERC-FT	Agnihotri,R.K., Dr. (M) G.B. Pant Institute of Himalayan Environment & Development Environmental Physiology & Biotech. Div. Almora - 263 643 Uttarakhand	12.24	36
170	Protein profiling & molecular tagging of genes in chickpea (<i>cicer arietinum</i> L.)	DST-SERC-FT	Misra,J.P., Dr. (M) College of Agriculture Department of Agricultural Biotechnology, Meerut - 250 110 Uttar Pradesh	19.90	36
171	Role of signalosome in plant development: Isolation of COPI mutants in tomato by Tilling	DST-SERC-FT	Sreelakshmi,Y., Dr. (F) Hyderabad University School of Life Sciences Hyderabad - 500 046 Andhra Pradesh	9.12	36
172	Screening the antimicrobial activity of Indian medicinal plants against viral & bacterial pathogens of shrimp & prawn	DST-SERC-FT	Balasubramanian,G., Dr. (M) C. Abdul Hakeem College Aquaculture Biotechnology Division Vellore - 632 509 Tamil Nadu	10.44	36
173	Studies on Production & Evaluation of Virulent isolates of <i>Helicoverpa armigera</i> Nuclear Polyhedrosis Virus (HaNPV) against <i>Helicoverpa armigera</i> in different crops	DST-SERC-FT	Kambrekar,D.N., Dr. (M) Agricultural Sciences University Department of Agricultural Entomology Dharwad - 580 005 Karnataka	11.34	36
174	Studies on proteins & development of new methods to reduce antinutritional factors in pulses	DST-SERC-FT	Kulthe,M.P., Dr. (M) Milind College of Science Department of Botany Aurangabad - 431 002 Maharashtra	19.95	36
175	Taxonomy, distribution & biology of entomopathogenic nematodes infesting insect pest of pulses in Uttar Pradesh	DST-SERC-FT	Shaheen,A., Dr. (F) Indian Institute of Pulses Research Kanpur - 208 024 Uttar Pradesh	11.64	36
176	To detect the genetic diversity of Papaya Leaf Curl Virus (PLCV) in India for the development of effective management strategies	DST-SERC-FT	Khan,A.A., Dr. (M) Aligarh Muslim University Department of Botany Aligarh - 202 002 Uttar Pradesh	13.14	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
177	Functional genomic analysis of drought stress & tagging of drought tolerant genes in Indian wheat cultivars	DST-SERC-SC	Kumar,S., Dr. (M) Sardar Ballabh Bhai Patel University of Agriculture & Technology Department of Biotechnology Meerut - 250 110 Uttar Pradesh	21.23	36
178	Processing of photic signal in the pineal organ & ovarian functions in Carp catla catla	DST-SERC-SC	Maitra,S.K., Dr. (M) Visva Bharati Santiniketan - 731 235 West Bengal	24.39	36
179	Studies on influence of stress & stressrelated peptides on ovarian functions in the fish, Tilapia mossambicus	DST-SERC-SC	Ganesh,C.B., Dr. (M) Karnatak Science College Department of Zoology Dharwad - 580 001 Karnataka	21.46	36
180	Agrobacterium tumefaciens mediated transformation as a tool for targeted mutagenesis in Aspergillus Niger	DST-SERC-WOS	Sarola,R.B., Dr. (F) Indian Institute of Technology (B) Biotechnology Group Mumbai - 400 076 Maharashtra	14.88	36
181	Application of Plant Growth promoting Rhizobacteria i.e. Pseudomonas species for mangement of replant problem of apple & pear in Himachal Pradesh	DST-SERC-WOS	Kaur,M., Dr. (F) Dr. Y.S. Parmar University of Horticulture & Forestry Department of Basic Sciences Solun - 173 230 Himachal Pradesh	24.34	36
182	Cloning & characterization of sex - specific DNA marker/s in Date Palm (Phoenix dactylifera L.)	DST-SERC-WOS	Kharab,P., Dr. (F) Ch. Charan Singh Haryana Agricultural University Dept. of Biotech. & Molecular Biology Hisar - 125 004 Haryana	18.89	36
183	Comparative study on the expression of Ragi alpha amylase trysin Bifunctional Inhibitor (RBI) gene in E. coli & tobacco	DST-SERC-WOS	Sen,S., Dr. (F) Indian Institute of Chemical Biology Kolkata - 700 032 West Bengal	13.80	36
184	Effects of low frequency electro magnetic fields & magnetized water on germination, growth & yeild of Sunflower (Helianthus annus L.)	DST-SERC-WOS	Rani,V.K.M.S., Dr. (F) The Adoni Arts & Science College Kurnool - 518 301 Andhra Pradesh	17.88	36
185	Genetic Engineering of Transgenic Pearl Millet (Pennisetum glaucum (L.)) for drought tolerance using annexin gene	DST-SERC-WOS	Jain,A., Dr. (F) Osmania University Department of Genetics Hyderabad - 500 007 Andhra Pradesh	17.28	36
186	Metagenomics approached to evaluate the diversity of nitroifying bacterial community in the sediments of zero water exchange system Shrimp ponds	DST-SERC-WOS	Joseph,V., Dr. (F) Cochin University of Science & Technology School of Environmental Studies Kochi - 682 022 Kerala	13.68	36
187	Serial Analysis of Gene Expression (SAGE) for identification of resistance gene transcripts using wheat - Puccinia system	DST-SERC-WOS	Lagu,M.D., Dr. (F) National Chemical Laboratory Plant Molecular Biology Unit Pune - 411 008 Maharashtra	14.88	36
188	Serological & molecular characterization of red rot pathogen (colletitrichum falcatum) of sugarcane in India	DST-SERC-WOS	Shukla,B., Dr. (F) Sugarcane Research Station Plant Pathology Division Gorakhpur - 273 008 Uttar Pradesh	18.70	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
189	Structure - function relationship in Buffalo Pituitary Thyrotropin Hormone family	DST-SERC-WOS	Arora,T., Dr. (F) Delhi University Department of Zoology Delhi - 110 007 Delhi	17.88	36
190	Studies on proteins & pentosans on chapatti making quality in different wheat cultivars	DST-SERC-WOS	Hemalatha,M.S., Ms. (F) Central Food Technological Research Institute Department of Biochemistry & Nutrition Mysore - 570 020 Karnataka	6.84	36
191	Development of Human Resource in Blue Green Algae & Azolla & their Promotion in Agriculture	DST-SST	Pabbi,S., Dr. (M) Senior Scientist Centre for Conservation & Utilization of Blue Green Algae New Delhi - 110 012 Delhi	24.32	36
192	Dry Fish Fermentation Technology in Manipur	DST-SST	Khumallambam,R., Mr. (M) Scientific Officer Manipur Science & Technology Council Imphal - 795 001 Manipur	4.40	12
193	Field study & analysis for exploitation of Allelochemical for effective biological control in Cabbage & Cauliflower growing area of Uttar Pradesh & Haryana	DST-SST	Archana, Dr. (F) Amity University Noida - 201 303 Uttar Pradesh	16.75	36
194	Improvement of reproductive performance & larval rearing of an endangered fish species of North East, Ompak Bimaculatus (PABDA) through nutritional approaches	DST-SST	Pradhan,P.K., Dr. (M) Assistant Professor College of Fisheries Agartala - 799 210 Tripura	24.62	36
195	Studies on some common fish diseases & their control by locally available plant biomolecules in West Bengal	DST-SST	Bandyopadhyay,P.K., Dr. (M) Kalyani University Department of Zoology Kalyani - 741 235 West Bengal	17.90	36
196	Realization of computer based instrumentation technique for improving the quality of stored potatoes	DST-TSD	Ezekeil,A., Dr. (M) Central Potato Research Institute Shimla - 171 001 Himachal Pradesh	8.82	24
197	Realization of computer based instrumentation technique for improving the quality of stored potatoes	DST-TSD	Kaul,A.D., Dr. (M) Central Scientific Instruments Organisation Chandigarh - 160 030 Chandigarh	58.68	24
198	Biology & management of wheat pathogens	DST-USERS	Srivastava,K.D., Dr. (M) Indian Agricultural Research Institute Division of Plant Pathology, Pusa New Delhi - 110 012 Delhi	3.59	24
199	Diseases of spice crops & their management	DST-USERS	Sharma,Y.R., Dr. (M) Centre for Water Resources Development & Management Kozhikode - 673 571 Kerala	3.43	24
200	Capacity Development & Economic Upliftment of Rural Women through Pond-based Integrated Farming System Approach	DST-YSS	Bisht,D., Dr. (F) G.B. Pant Institute of Himalayan Environment & Development Almora - 263 643 Uttarakhand	15.33	36

BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
201	Technological empowerment of pulse growing women farmers of Uttar Pradesh	DST-YSS	Sah,U., Ms. (F) Indian Institute of Pulses Research Agricultural Extension Section Kanpur - 208 024 Uttar Pradesh	3.69	12
202	To explore the possibilities of developing fish farms in the clay removed paddy fields in Emakulam District, Kerala State	DST-YSS	Pillai,L., Ms. (F) Federation of Organization for Research & Development Kochi - 682 028 Kerala	9.58	24
203	Development of Package of Cultural Practices for Jatropa	PCRA-R&D	Singh,B., Dr. (M) Scientist Punjab Agricultural University Dept. of Agronomy, Agromet & Forestry Ludhiana - 141 004 Punjab	11.79	24
204	Introduction, population & dissemination in the use of biofuels to the farming community in Cuddalore District of Tamil Nadu	PCRA-R&D	Ganapathy,M., Mr. (M) Professor Annamalai University Department of Agronomy Annamalainagar - 608 002 Tamil Nadu	1.10	12
205	Studies on Non-Edible Bio Oil (SVOS) as fuel for durability & fuel economy	PCRA-R&D	Sharma,S.N., Dr. (M) Head Indian Institute of Petroleum Dehradun - 248 005 Uttarakhand	13.31	9
206	Study on eco energy use pattern & identification energy conservation opportunities in Agriculture sector in the context of Rajasthan	PCRA-R&D	Rathore,N.S., Dr. (M) Professor & Dean Maharana Pratap University of Agriculture & Technology Udaipur - 313 001 Rajasthan	0.75	6
207	Breeding Saline Tolerant Okra (rise fallow) (<i>Abelmoschus exculentus</i> (L) Moench) suitable for Coastal ecosystem	UGC-MJRP	Kumar,N.S., Dr. (M) Annamalai University Department of Agriculture Annamalainagar - 608 002 Tamil Nadu	6.50	36
208	Development of agri-horti-silvi-pastrol model for varying farming situation of Vindhya zone of Eastern Uttar Pradesh for improving rural livelihoods & simulating economically sustainable growth	UGC-MJRP	Singh,R.K., Dr. (M) Banaras Hindu University Department of Agriculture Varanasi - 221 005 Uttar Pradesh	7.19	36
209	Eco-friendly technology for sustainable production of Bio-colours	UGC-MJRP	Sekar,K., Dr. (M) Annamalai University Department of Agriculture Annamalainagar - 608 002 Tamil Nadu	8.17	36
210	Genetic transformation & evaluation of peanut (<i>Arachis hypogaea</i> L.) for drought & salt tolerance using NHX1gene	UGC-MJRP	Rani,A.R., Dr. (F) Osmania University Department of Genetics Hyderabad - 500 007 Andhra Pradesh	8.60	36
211	In Vitro propagation of <i>Stevia rebaudiana</i> Bertoni - A future high value sweetner herb	UGC-MJRP	Dwivedi,P., Dr. (M) Banaras Hindu University Department of Plant Physiology Varanasi - 221 005 Uttar Pradesh	9.52	36
212	Induced response of Indian mustard (<i>Brassica juncea</i>) & its effect on tobacco cutworm (<i>Spodoptera litura</i>)	UGC-MJRP	Saradhi,P.P., Prof. (M) Delhi University Dept. of Environmental Science Delhi - 110 007 Delhi	11.33	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 Lakhs)	Duration (in Months)
213	Interspecific hybridization in pigeonpea	UGC-MJRP	Jayaprakash,P., Dr. (M) Annamalai University Department of Agriculture Annamalainagar - 608 002 Tamil Nadu	7.84	36
214	Management of Root Rot diseases in Mulberry through botanicals & antagonistic microbes	UGC-MJRP	Govindaiah, Dr. (M) Bangalore University Department of Sericulture, Jnana Bharathi Campus Bengalooru - 560 056 Karnataka	8.98	36
215	Potential of certain indigenous naturally occurring ecofriendly products & their active ingredients against sucking pests of mustard	UGC-MJRP	Chandel,B.S., Dr. (M) D.B.S. (P.G.) College Department of Zoology Kanpur - 208 027 Uttar Pradesh	8.34	36
216	Purification & characterization of a Milk clotting enzyme by mucor species & its application in cheese making industry	UGC-MJRP	Palaniswamy,M., Prof. (M) Karpagam Arts & Science College Department of Microbiology, Pollachi Main Road Coimbatore - 641 021 Tamil Nadu	5.76	36
217	Studies on evaluation of membrane distillation for concentration of orange juice & pharmaceutical products	UGC-MJRP	Sapkal,V.S., Dr. (M) Sant Gadge Baba Amravati University Department of Chemical Technology Amravati - 444 602 Maharashtra	9.04	36
218	Studies on watermelon pigments - synthesis extraction, degradation & utilization	UGC-MJRP	Sogi,D.S., Mr. (M) Guru Nanak Dev University Department of Food & Technology Amritsar - 143 005 Punjab	11.27	36
219	Continuous effect of non-pesticidal cultural practice (Soil Solarization) on fertility status of the soils of Cauvery Delta region	UGC-MNRP	Kumar,S.M.S., Dr. (M) Annamalai University Department of Agriculture Annamalainagar - 608 002 Tamil Nadu	0.68	24
220	Development of co-friendly grower feeds for Indian major carps using non-conventional feed ingredients of West Bengal	UGC-MNRP	Maity,J., Dr. (M) Vidyasagar University Department of Aquaculture Midnapore - 721 102 West Bengal	1.00	24
221	Effect of fluoride toxicity on Mulberry & Silkworm - the possible role of antidotes	UGC-MNRP	Rao,V.B., Dr. (M) Sri Krishnadevaraya University Department of Sericulture Anantapur - 515 003 Andhra Pradesh	1.00	24
222	Transfer of wheat grass cultivation technology amongst self help groups for upliftment of economic & health status	UGC-MNRP	Kale,M.P., Dr. (F) Sant Gadge Baba Amravati University Department of Home Science Amravati - 444 602 Maharashtra	0.77	24
Total Cost of 222 Projects Under: <i>Agricultural Sciences</i>				7,461.30	

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insititute	Cost (Rs.in Lakhs)	Duration (in Months)
223	Dehydration of flowers & foliage & floral craft & their commercialization	CSIR-ES	Datta,S.K., Dr. (M) Bose Institute Kolkata - 700 054 West Bengal	14.46	36
224	Gene cloning & characterization of bioactive molecules from holothurians for drugs & chemicals from the sea	CSIR-ES	Goswami,U., Dr. (F) National Institute of Oceanography Gene Laboratory Biological Oceanography Dona Paula - 403 004 Goa	14.46	36
225	Molecular endocrine model mechanism of insect metamorphosis & JH acid as the key regulator	CSIR-ES	Muraleedharan,D., Dr. (M) Kerala University Department of Zoology Kariavattom - 695 581 Kerala	14.46	36
226	Protease enzyme technology & its envirofriendly applications in leather processing	CSIR-ES	Puvanakrishnan,R., Dr. (M) Central Leather Research Institute Department of Biotechnology Chennai - 600 020 Tamil Nadu	14.46	36
227	Role of a cyclophilin in the life - cycle of <i>Leishmania donovani</i>	CSIR-ES	Datta,A.K., Dr. (M) Indian Institute of Chemical Biology Kolkata - 700 032 West Bengal	14.46	36
228	Seed production & culture technologies of threatened murels	CSIR-ES	Haniffa,M.A., Dr. (F) St. Xavier's College Dept. of Advanced Zoology & Biotech. Palayamkottai - 627 002 Tamil Nadu	14.46	36
229	Analysis of repeat expansion & epigenetic modifications around triplet repeat regions using transgenic mice	CSIR-GS	Brahmachari,V., Prof. (F) Dr. B.R. Ambedkar Centre for Biomedical Research Delhi - 110 007 Delhi	15.00	36
230	Anti - leishmanial effect of mycobacterial glycolipids through immunomodulation: Strategies involving modulation of Chemokine receptors	CSIR-GS	Majumdar,S., Dr. (M) Bose Institute Department of Microbiology Kolkata - 700 054 West Bengal	17.26	36
231	Assessment of genetic diversity at inter & intra - specific levels of the genus <i>Dendrobium</i> (orchidaceae) through micromorphological characters & molecular markers	CSIR-GS	Chaudhary,B., Dr. (M) Visva Bharati Department of Botany Santiniketan - 731 235 West Bengal	15.26	36
232	Biochemical & Signal transduction mechanisms associated with leukotriene D4 - mediated activation of phospholipase smooth muscle cells	CSIR-GS	Chakraborti,S., Dr. (M) Kalyani University Department of Biochemistry & Biophysics Kalyani - 741 235 West Bengal	16.76	36
233	Biomechanical study on the role of circular longitudinal & oblique muscles in gastric motility using high performance computing	CSIR-GS	Pal,A., Dr. (M) Indian Institute of Technology (K) Dept. of Biological Science & Bio-Engg. Kanpur - 208 016 Uttar Pradesh	12.05	36
234	Bioprospecting of plants & microbes for in situ arsenic phytoremediation in the aquifers of Bihar	CSIR-GS	Shardendu, Dr. (M) Science College Department of Botany Patna - 800 005 Bihar	1.50	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
235	Bioprospecting of plants & microbes for in situ arsenic phytoremediation in the aquifers of Bihar	CSIR-GS	Tripathi,A.K., Prof. (M) Banaras Hindu University School of Biotechnology Varanasi - 221 005 Uttar Pradesh	8.00	36
236	Cellular & molecular analysis of growth factor signalling during angiogenesis	CSIR-GS	Ghaskadbi,S., Dr. (M) Agarkar Research Institute Division of Animal Science Pune - 411 004 Maharashtra	9.00	36
237	Characterization of a Jasmonic acid hyper-producing strain of <i>Lasiodiplodia theobromae</i>	CSIR-GS	Thakkar,V.R., Dr. (M) Sardar Patel University B.R.D. School of Biosciences Vallabh Vidyanagar - 388 120 Gujarat	18.36	36
238	Characterization of interaction between phosphorylated aminoglycosides & SW1/SNF protein, DNA - dependent ATPASE A	CSIR-GS	Muthuswami,R., Dr. (F) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	12.00	36
239	Circannual & circadian variations in unconjugated & conjugated sex steroids & sperm motility in a major carp, <i>Cirrhinus mrigala</i> (HAM)	CSIR-GS	Singh,P.B., Dr. (M) Tilak Dhari (P.G.) College Department of Zoology Jaunpur - 222 002 Uttar Pradesh	18.26	36
240	Cloning & overexpression of gene encoding an NADH - dependent carbonyl reductase from <i>Candida viswanthii</i> involved in stereoselective synthesis of chiral alcohols	CSIR-GS	Banerjee,U.C., Dr. (M) National Institute of Pharmaceutical Education & Research Department of Pharma Technology Mohali - 160 062 Punjab	14.16	36
241	Coexpression of melatonin (mel 1 & 2) & testosterone (T) hormone receptors in lymphatic tissue of a seasonally breeding bird, <i>P. asiatica</i>	CSIR-GS	Halder,C., Prof. (F) Banaras Hindu University Department of Zoology Varanasi - 221 005 Uttar Pradesh	14.71	36
242	Collection, Characterization & conservation of <i>Withania somnifera</i> (STOCKS) Dunal. Chemotype/Biotypes & their Metabolomic Comparison with <i>Withania somnifera</i> (L.) Dunal	CSIR-GS	Kothari,S.L., Prof. (M) Rajasthan University Department of Botany Jaipur - 302 004 Rajasthan	17.46	36
243	Computer simulation to study complex biological process related to human disease: Catalytic mechanism of B - Lactamase enzyme	CSIR-GS	Bandyopadhyay,P., Dr. (F) Indian Institute of Technology (G) Department of Biotechnology Guwahati - 781 039 Assam	11.81	36
244	Construction of immuno - conjugates for cell specific targeting of the toxin, ABRIN	CSIR-GS	Karande,A.A., Dr. (F) Indian Institute of Science Department of Biochemistry Bengalooru - 560 012 Karnataka	13.00	36
245	Cost of selection response to simultaneous selection on two divergent life - history traits in <i>Drosophila melanogaster</i>	CSIR-GS	Shakarad,M.N., Dr. (M) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	16.16	36
246	Creating a BMP responsive reporter cell line	CSIR-GS	Bandyopadhyay,A., Dr. (M) Indian Institute of Technology (K) Dept. of Biological Science & Bio-Engg. Kanpur - 208 016 Uttar Pradesh	12.86	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
247	Decolorization of textile dyeing wastewaters by the white rot fungi <i>Phanerochaete chrysosporium</i> in a novel rotating biological contactor reactor	CSIR-GS	Pakshirajan, K., Dr. (M) Indian Institute of Technology (G) Department of Biotechnology Guwahati - 781 039 Assam	11.16	36
248	Development & use of Inter Simple Sequence Repeat (ISSR) markers for assessment of genetic diversity & DNA fingerprinting in <i>Gmelina arborea</i> Roxb	CSIR-GS	Narayanan, C., Dr. (M) Tropical Forest Research Institute Genetics & Plant Prop. Division Jabalpur - 482 021 Madhya Pradesh	11.26	36
249	Development of convenience health foods using extrusion technology	CSIR-GS	Singh, B., Dr. (M) Punjab Agricultural University Dept. of Food Science & Technology Ludhiana - 141 004 Punjab	12.76	36
250	Development of enzyme electrode for the construction of cholesterol biosensor cell	CSIR-GS	Goswami, P., Dr. (M) Indian Institute of Technology (G) Department of Biotechnology Guwahati - 781 039 Assam	12.51	36
251	Development of molecular markers linked to bacterial blight (<i>Xanthomonas axonopodis</i> pv. <i>diffenbachiae</i>) resistance in <i>Anthurium</i> (<i>Anthurium andreaeanum</i> L.)	CSIR-GS	Aswath, C.R., Dr. (M) Indian Institute of Horticulture Research Division of Ornamental Crops Bengalooru - 560 089 Karnataka	16.96	36
252	Digital image - based fluorometric analysis of mould contamination of foods: A biochemical measure of food safety	CSIR-GS	Rao, B.S., Dr. (M) Osmania University Department of Biochemistry Hyderabad - 500 007 Andhra Pradesh	10.46	36
253	Documentation of traditional medicinal knowledge of Chitrakoot region	CSIR-GS	Chaturvedi, A., Dr. (F) Arogyadham Deendayal Research Institute Department of Plant Sciences Satna - 485 331 Madhya Pradesh	5.80	36
254	Effect of protein kinase CK2 on microtubule dynamics & cell cycle progression: Implications in cancer chemotherapy	CSIR-GS	Panda, D., Dr. (M) Indian Institute of Technology (B) Dept. of Biological Science & Bio-Engg. Mumbai - 400 076 Maharashtra	16.71	36
255	Effects of near Ultraviolet light (UV-A) on the rate of re-entrainment of circadian locomotor activity rhythm in a diurnal mammalian system	CSIR-GS	Singaravel, M., Dr. (M) Banaras Hindu University Department of Zoology Varanasi - 221 005 Uttar Pradesh	15.26	36
256	Evaluation of cyanobacterial strains from paddy fields for pesticide degradation	CSIR-GS	Singh, D.P., Dr. (M) Punjabi University Department of Botany Patiala - 147 002 Punjab	10.36	36
257	Evaluation of the immunoprophylactic efficacy of recombinant Infectious Bursal Disease Virus (IBDV) capsid protein in cell line & animal model	CSIR-GS	Antony, U., Dr. (F) Anna University Centre for Biotechnology Chennai - 600 025 Tamil Nadu	16.26	36
258	Functional analysis of the interplay between the gene products encoded by an operon harbouring serine/threonine kinases & phosphatase & its implications in mycobacterial physiology	CSIR-GS	Basu, J., Prof. (F) Bose Institute Department of Chemistry Kolkata - 700 009 West Bengal	22.51	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
259	Functional characterization of novel subunit proteins of photosystem II in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803	CSIR-GS	Prakash,J.S.S., Dr. (M) Hyderabad University Department of Plant Science Hyderabad - 500 046 Andhra Pradesh	13.76	36
260	Genetic analysis of plant pararetrovirus promoter for developing stress inducible hybrid - synthetic enhanced promoter	CSIR-GS	Dey,N., Dr. (M) Institute of Life Sciences Bhubaneswar - 751 023 Orissa	19.02	36
261	Genome organization & development of diagnostics for Capsicum viruses	CSIR-GS	Verma,N., Dr. (M) Amity Institute of Herbal & Microbial Studies Noida - 201 303 Uttar Pradesh	20.77	36
262	Growth P acquisition & conserve use & energy homeostasis by cyanobacteria under salt stress	CSIR-GS	Rai,A.K., Prof. (M) Banaras Hindu University Department of Botany Varanasi - 221 005 Uttar Pradesh	12.46	36
263	Histochemical, biochemical & tissue culture studies of <i>Garcinia indica</i> Choisy (KOKUM)	CSIR-GS	Krishnan,S., Dr. (M) Goa University Department of Botany Panaji - 403 206 Goa	17.26	36
264	Identification of molecular mechanisms that determine the foveal region in the vertebrate retina	CSIR-GS	Sen,J., Dr. (F) Indian Institute of Technology (K) Department of Bio-Science & Bio-Engineering Kanpur - 208 016 Uttar Pradesh	12.81	36
265	Identification of the substrate for a calmodulin like domain protein kinase (AHCPK2, GI 67479988) of <i>Arachis hypogaea</i>	CSIR-GS	Dasgupta,M., Dr. (F) Calcutta University Department of Biochemistry Kolkata - 700 019 West Bengal	18.76	36
266	Immunohistochemical study of the seasonal system in birds	CSIR-GS	Kumar,V., Dr. (M) Lucknow University Department of Zoology Lucknow - 226 007 Uttar Pradesh	14.76	36
267	In Vitro Production of Phytophthora Resistant plants of Citrus jambhiri LUSH. (Jatti Khatti) through induced mutagenesis	CSIR-GS	Virk,G.S., Dr. (M) Guru Nanak Dev University Dept. of Botanical & Environmental Studies Amritsar - 143 005 Punjab	12.51	36
268	Infection with Japanese Encephalitis Virus (JEV): Role of classical & nonclassical MHC	CSIR-GS	Manjunath,R., Dr. (M) Indian Institute of Science Department of Biochemistry Bengalooru - 560 012 Karnataka	17.76	36
269	Investigating DNA trajectories in DNA - protein complexes of Prokaryotic origin	CSIR-GS	Dasgupta,S.K., Dr. (M) Bose Institute Department of Microbiology Kolkata - 700 054 West Bengal	17.76	36
270	Isolation & screening of microorganisms from extreme & unusual environment for new & novel antimicrobial peptides to combat some clinically important multidrug resistant fungal pathogens	CSIR-GS	Roy,U., Dr. (M) Birla Institute of Technology & Science Biological Science Group Goa - 403 206 Goa	15.26	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
271	Isolation identification & evaluation of insecticidal phytochemicals from <i>Annona squamosa</i> L (ANNONACEAE) against <i>Hyblaea puera</i> Cram & <i>Eutectona machaeralis</i> walk two major insect pests of Teak (<i>Tectona grandis</i> LINN)	CSIR-GS	Kulkarni,N., Dr. (M) Tropical Forest Research Institute Forest Entomology Division Jabalpur - 482 021 Madhya Pradesh	4.00	36
272	Isolation of histoplasma capsulatum from the roosting sites of bats in Uttar Pradesh	CSIR-GS	Elangovan,V., Dr. (M) Babasaheb Bhimrao Ambedkar University Department of Applied Animal Science Lucknow - 226 025 Uttar Pradesh	14.04	36
273	Low-cost production of [P(3HB-CO-3HV) CO - polymer from cyanobacteria & exploring its biomedical applications	CSIR-GS	Mallick,N., Dr. (F) Indian Institute of Technology (Kh) Dept. of Agriculture & Food Engineering Kharagpur - 721 302 West Bengal	13.16	36
274	Metabolic engineering of <i>Enterobacter asburiae</i> PS I3 for sucrose -dependent Mineral Phosphate (MPS) Phenotype	CSIR-GS	Kumar,N., Dr. (M) M.S. University of Baroda Department of Biochemistry Vadodara - 390 002 Gujarat	18.26	36
275	Micropropagation & bioprospecting of two red listed potent medicinal asclepiadaceous members <i>Ceropegia spiralis</i> & <i>Ceropegia pusilla</i>	CSIR-GS	Murthy,K.S.R., Dr. (M) Andhra Loyola College Department of Botany Vijayawada - 520 008 Andhra Pradesh	12.06	36
276	Molecular characterization of <i>Anopheles annularis</i> complex: Development of species specific diagnostic markers & microsatellite markers	CSIR-GS	Hazra,R.K., Dr. (M) Regional Medical Research Centre Medical Entomology Division Bhubaneswar - 751 023 Orissa	9.84	24
277	Molecular characterization of assassin bugs (insecta: Hemiptera: Reduviidae) as a tool in biosystematic & biocontrol	CSIR-GS	Ambrose,D.P., Dr. (M) St. Xavier's College Entomology Research Unit Palayamkottai - 627 002 Tamil Nadu	15.76	36
278	Molecular cloning of <i>Korrigan</i> & sucrose synthase genes & genetic transformation of <i>Eucalyptus</i> for cellulose enhancement	CSIR-GS	Reddy,M., Dr. (M) Thapar University Dept. of Biotech. & Environment Science Patiala - 147 004 Punjab	11.76	36
279	Molecular cloning sequencing & overexpression of alkaline protease & cellulase - free xylanase from thermoalkalophilic <i>Bacillus</i> SP. JB-99	CSIR-GS	Naik,G.R., Prof. (M) Gulbarga University Department of Biotechnology Gulbarga - 585 106 Karnataka	18.26	36
280	Phytochemical analysis of whole plant of <i>Garcinia Indica</i> Choisy (KOKUM) to characterize for antioxidant properties under in vitro conditions	CSIR-GS	Sharma,P.K., Dr. (M) Goa University Department of Botany Panaji - 403 206 Goa	15.76	36
281	Post-traumatic anti-epileptic role of exogenous Dehydroepiandrosterone (DHEA) administration in rat brain	CSIR-GS	Sharma,D., Dr. (M) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	13.26	36
282	Reproductive strategies of an aphidophagous ladybird, <i>Coelophora saucia</i> & augmentative biocontrol of pests	CSIR-GS	Omkar, Dr. (M) Lucknow University Department of Zoology Lucknow - 226 007 Uttar Pradesh	14.16	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
283	Revelation of mechanism & metabolites for biocontrol of deadly phytopathogens by plant growth promotory bacteria, designing reliable technology for future bioformulations & sustainable agriculture	CSIR-GS	Arora,N.K., Dr. (M) Chhatrapati Shahu Ji Maharaj University Department of Microbiology Kanpur - 208 024 Uttar Pradesh	18.26	36
284	Rhizoremediation of pentachlorophenol polluted soil	CSIR-GS	Jagadeesh,K.S., Dr. (M) Agricultural Sciences University Department of Agricultural Microbiology Dharwad - 580 005 Karnataka	14.76	36
285	Role of n-terminal region of Escherichia coli maltodextrin glucosidase (Maiz) in chaperone assisted folding & : A protein engineering approach	CSIR-GS	Chaudhuri,T.K., Dr. (F) Indian Institute of Technology (D) Dept. of Biochemistry Engg. & Biotech. New Delhi - 110 016 Delhi	16.36	36
286	Role of phosphoinositides in intracellular protein transport of Giardia lamblia	CSIR-GS	Sarkar,S., Dr. (M) West Bengal University of Technology Department of Biotechnology Kolkata - 700 064 West Bengal	17.66	36
287	Screening & Selection of an Anthelmintic drug tolerant strain of Arthrobrys musiformis as a potential biocontrol agent against animal nematodes	CSIR-GS	Subramanian,R.B., Dr. (M) Sardar Patel University B.R.D. School of Biosciences Vallabh Vidyanagar - 388 120 Gujarat	13.16	36
288	Structural & functional characterization of a Bi-functional protein from goat spermatozoa	CSIR-GS	Sen,P.C., Prof. (M) Bose Institute Department of Chemistry Kolkata - 700 009 West Bengal	17.76	36
289	Structural & functional studies of key cysteine biosynthetic pathway enzymes in Entamoeba histolytica	CSIR-GS	Gourinath,S., Dr. (M) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	18.46	36
290	Studies of ecology of wetland ecosystems of Tripura with reference to parthenogenic eggs of Planktonic rotatoria	CSIR-GS	Banik,S., Dr. (F) Tripura University Department of Life Science Suryamaninagar - 799 130 Tripura	14.76	36
291	Studies on biochemical changes during mango wine fermentation & its stabilization	CSIR-GS	Reddy,O.V.S., Dr. (F) Sri Venkateswara University Department of Biochemistry Tirupati - 517 502 Andhra Pradesh	10.41	36
292	Studies on molecular mechanism (s) of cigarette smoke induced NF -kB activation	CSIR-GS	Sil,A.K., Prof. (M) Calcutta University Department of Microbiology Kolkata - 700 019 West Bengal	14.26	36
293	Studies on plasma iron levels in patients with Tuberculosis & in vitro expression of iron - regulated proteins in Mycobacterium Tuberculosis	CSIR-GS	Sritharan,M., Dr. (F) Hyderabad University Department of Animal Science Hyderabad - 500 046 Andhra Pradesh	10.60	36
294	Studies on structural diversity & functional dynamism of traditional home gardens in relation to livelihood support in undivided Aizawl District of Mizoram	CSIR-GS	Sahoo,U.K., Dr. (M) Mizoram University Department of Forestry Aizawl - 796 001 Mizoram	16.92	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
295	Studies on taxonomy of braconid parasitoids (Hymenoptera: Braconidae) from Central India	CSIR-GS	Yousuf,M., Dr. (M) Tropical Forest Research Institute Forest Entomology Division Jabalpur - 482 021 Madhya Pradesh	8.56	36
296	Study of electrical properties of ion channel incorporated bilayer lipid membranes	CSIR-GS	Nandy,P., Prof. (F) Jadavpur University Department of Physics Kolkata - 700 032 West Bengal	12.67	36
297	Study of phosphatidyl inositol 3-kinase/AKT/GSK - 3B signal transduction pathway as a possible Chemopreventive target for the non-steroidal anti-inflammatory drug induced apoptosis in experimental Colorectal Cancer	CSIR-GS	Sanyal,S.N., Dr. (M) Panjab University Department of Biophysics Chandigarh - 160 014 Chandigarh	18.76	36
298	Study on effect of herbal secretagogues on the biochemical, cytochemical & histophysiological activities of the endocrine cells of the gastrointestinal mucosa of broiler chicken with reference to gain in body weight	CSIR-GS	Mishra,U.K., Dr. (M) Orissa University of Agriculture & Technology Department of Anatomy, Histo. & Embryo. Bhubaneswar - 751 003 Orissa	14.26	36
299	Survey, conservation & utilization of bryophytes in Andhra Pradesh	CSIR-GS	Pullaiah,T., Prof. (M) Sri Krishnadevaraya University Department of Botany Anantapur - 515 003 Andhra Pradesh	16.42	36
300	Taxonomy & endosymbiotic relationships of avian phthiraptera	CSIR-GS	Saxena,A.K., Dr. (M) Government Raza (P.G.) College Department of Zoology Rampur - 244 901 Uttar Pradesh	10.66	36
301	Temporal Synergism of circadian neural oscillations & Nitric Oxide (NO): A novel approach to regulate neuroendocrine - gonadal axis in mice	CSIR-GS	Chaturvedi,C.M., Dr. (F) Banaras Hindu University Department of Zoology Varanasi - 221 005 Uttar Pradesh	15.26	36
302	Understanding the deacylation step catalyzed by pig-L gene product during GPI biosynthesis in Candida albicans	CSIR-GS	Komath,S.S., Dr. (F) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	12.00	36
303	Utilization of cereal brans in baked pasta extruded & indigenous products	CSIR-GS	Sharma,S., Dr. (F) Punjab Agricultural University Department of Food Science & Technology Ludhiana - 141 004 Punjab	12.26	36
304	Acetylcholinesterase (AChE) inhibitors: The neurotoxic phosphotriesterase substrates & related nerve reagents-conformations, dynamics, hydrolysis & the therapeutic pharmacophores	DAE-BRNS	Ganguly,B., Dr. (M) Central Salt & Marine Chemicals Research Institute Analytical Science Discipline Bhavnagar - 364 002 Gujarat	11.25	10
305	Activation of signalling molecules in human cells following heavy ion irradiation: Comparison with low let radiation	DAE-BRNS	Sarma,A., Dr. (M) Inter University Accelerator Centre New Delhi - 110 001 Delhi	6.86	13

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
306	Assessment of multidimensional impact on decomposition of various wood samples - normal & processed by electron beam induced polymerization technology (exposed to marine fungi)	DAE-BRNS	Raveendran,K., Dr. (M) Sir Sayyed College P.G. Studies & Research in Botany Taliparamba - 670 142 Kerala	11.22	3
307	Biogactive metabolites in some cyanobacteria: Isolation, characterization & elicited production	DAE-BRNS	Nikam,T.D., Dr. (M) Pune University Department of Botany Pune - 411 007 Maharashtra	20.91	16
308	Biocompatibility studies on nano particle coated polymer surface	DAE-BRNS	Doble,M., Dr. (M) Professor Indian Institute of Technology (M) Department of Biotechnology Chennai - 600 036 Tamil Nadu	18.28	11
309	Biotechnological approaches for remediation of low level nuclear waste	DAE-BRNS	Fulekar,M.H., Dr. (M) Mumbai University Mumbai - 400 098 Maharashtra	13.71	36
310	Characterization of metal tolerant microbes from soils of Domiasiat-Wakhyn area of Meghalaya	DAE-BRNS	Joshi,S.R., Dr. (M) North-Eastern Hill University Shillong - 793 022 Meghalaya	44.88	24
311	Development of electron beam irradiated composites based on multivalled carbon nanotubes in polymeric matrices	DAE-BRNS	Chaki,T.K., Prof. (M) Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	14.61	12
312	Development of radioimmunoassay for VEGF using recombinant protein & monoclonal antibodies	DAE-BRNS	Phadke,R.P., Dr. (M) Ram Narain Ruia College Mumbai - 400 019 Maharashtra	15.83	36
313	Effect of irradiation on microbial safety & nutritional quality of foods & spices produced in Rajasthan	DAE-BRNS	Singh,G., Dr. (M) Rajasthan Agricultural University Plant Biotechnology Centre Bikaner - 334 006 Rajasthan	9.65	5
314	Genetic improvement of Canna by induced mutation & development of core collections	DAE-BRNS	Roy,R.K., Dr. (M) National Botanical Research Institute Lucknow - 226 001 Uttar Pradesh	5.57	36
315	Marine Cyanobacteria - A potential candidate for Uranium Mining	DAE-BRNS	Uma,L., Dr. (F) Director Bharathidasan University National Facility for Marine Cyanobacteria Tiruchirappalli - 620 024 Tamil Nadu	19.67	16
316	Molecular mechanism of enterotoxigenic escherichia coli adherence in the intestine: Host-pathogen relationship	DAE-BRNS	Chatterjee,N.S., Dr. (M) National Institute of Cholera & Enteric Diseases Division of Biochemistry Kolkata - 700 010 West Bengal	16.74	13
317	Protein synthesis regulation during radiation induced oxidative stress	DAE-BRNS	Pal,J.K., Prof. (M) Pune University Department of Biochemistry Pune - 411 007 Maharashtra	26.26	11
318	Role of Dps in Abiotic stress management in cyanobacteria	DAE-BRNS	Rai,L.C., Prof. (M) Banaras Hindu University Laboratory of Algal Biology Varanasi - 221 005 Uttar Pradesh	24.87	9

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
319	Studies on sensitization of tumor cells to apoptosis via CD95 signaling pathway of a new class of anti tumor drugs: Pyrimido (4,5:4,5) Selenolo (2,3-b) quinolines	DAE-BRNS	Rao,G.M.A., Dr. (M) Kuvempu University P.G. Department of Biochemistry Davangere - 577 002 Karnataka	20.58	16
320	Use of radiation processed Chitosan, Carrageenan & Alginates for plant promoters in some essential oil bearing medicinal plants	DAE-BRNS	M.M.A.Khan, Dr. (M) Lecturer Aligarh Muslim University Department of Botany Aligarh - 202 002 Uttar Pradesh	15.63	13
321	A Novel perfusion culture system for monoclonal antibody production by hybridoma cell	DBT-R&D	Roychoudhury,P.K., Dr. (M) Assistant. Professor Indian Institute of Technology (D) New Delhi - 110 016 Delhi	32.68	36
322	Aggregation in mutant huntingtin protein: Role of RNA Aptamers	DBT-R&D	Roy,I., Dr. (F) Assistant Professor National Institute of Pharmaceutical Education & Research Department of Biotechnology Mohali - 160 062 Punjab	20.92	36
323	Agrobacterium - Mediated genetic transformation in Apple rootstocks	DBT-R&D	Modgil,M., Dr. (F) Assistant Professor Dr. Y.S. Parmar University of Horticulture & Forestry Department of Biotechnology, Forestry, Nauni Solan - 173 230 Himachal Pradesh	54.23	36
324	Analysis of entamoeba histolytica genome sequence: Computational analysis using comparative genomic methods & experimental validation	DBT-R&D	Bhattacharya,A., Prof. (M) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	36.65	36
325	Analysis of fruit characteristics, expression profile of ripening genes & limited open field trials of tomato transgenics over-expressing polyamine biosynthesis genes	DBT-R&D	Rajam,M.V., Dr. (M) Professor Delhi University Department of Genetics New Delhi - 110 021 Delhi	27.01	36
326	Anti -Candida metabolites of burkholderia gladioli or -1: Purification characterization, chemical modifications & toxicity assays	DBT-R&D	Singh,I.P., Dr. (M) Assistant Professor National Institute of Pharmaceutical Education & Research Department of Natural Products Mohali - 160 062 Punjab	5.06	12
327	Anti -Candida metabolites of burkholderia gladioli or-1: Purification characterization, chemical modifications & toxicity assays	DBT-R&D	Tewari,R., Dr. (M) Professor Panjab University Department of Biotechnology Chandigarh - 160 014 Chandigarh	11.16	12
328	Application of established fish cell lines for evaluating the toxicity of industrial effluents (A biological alternative to the use of whole animals)	DBT-R&D	Kamatchiammal,S., Dr. (F) Scientist National Environmental Engineering Research Institute Chennai Zonal Laboratory Chennai - 600 113 Tamil Nadu	17.27	36
329	Application of established fish cell lines for evaluating the toxicity of industrial effluents (A biological alternative to the use of whole animals)	DBT-R&D	Hameed,A.S.S., Dr. (M) Reader C. Abdul Hakeem College Department of Zoology, Melvishram Vellore - 632 503 Tamil Nadu	12.67	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
330	Artificial microma & small interfering RNA mediated silencing of UDP -Glucose Pyrophosphorylase & vacuolar acid invertase gene for reduction of cold induced sweetening in potato	DBT-R&D	Pattanayak,D., Dr. (M) Scientist (S.S.) Central Potato Research Institute Department of Crop Improvement Shimla - 171 001 Himachal Pradesh	49.07	36
331	Association of microsatellites with specific genes	DBT-R&D	Trivedi,S., Dr. (F) Assistant Professor Jai Narain Vyas University Department of Zoology Jodhpur - 342 001 Rajasthan	18.69	36
332	Augmentation of infrastructure in S. Vijaya's Laboratory destroyed by fire Defined gene disruption mutants of m. Tuberculosis with decreased virulence & pathogenic potential	DBT-R&D	Vijaya,S., Dr. (F) Assistant Professor Indian Institute of Science Centre For Genetic Eng. Bengalooru - 560 012 Karnataka	105.00	60
333	Bioconjugation of nanomaterials & their applications in cancer therapy	DBT-R&D	John,A., Dr. (F) Scientist D Sree Chitra Tirunal Institute for Medical Sciences & Technology Department of Biomedical Technology Thiruvananthapuram - 695 012 Kerala	10.45	36
334	Bioconjugation of nanomaterials & their applications in cancer therapy	DBT-R&D	Abraham,A., Dr. (F) Reader Kerala University Department of Biochemistry Thiruvananthapuram - 695 581 Kerala	39.92	36
335	Biofiltration of volatile organic compounds present in pharmaceuticals industry waste gases	DBT-R&D	Rajamohan,N., Dr. (M) Reader Annmalai University Department of Chemical Engineering Annamalainagar - 608 002 Tamil Nadu	11.79	24
336	Biological synthesis of sphorolipids using yeast antimicrobial agent & their usage as capping & reducing agents for the synthesis of metal nanoparticles	DBT-R&D	Prasad,B.L.V., Dr. (M) Scientist National Chemical Laboratory Materials Chemistry Division Pune - 411 008 Maharashtra	77.39	36
337	Bioprocess development for the microbial production of L- Glutaminase	DBT-R&D	Prabhakar,T., Prof. (M) Andhra University A.U. College of Pharmaceutical Sciences Visakhapatnam - 530 003 Andhra Pradesh	5.27	18
338	Bioproduction of lichen metabolites & their antimicrobial antioxidant Cardiovascular - Protective & Anti-Tumour activities in Vitro	DBT-R&D	Behera,B.C., Dr. (M) Scientist B Agarkar Research Institute Mycology Group, Plant Sc. Division Pune - 411 004 Maharashtra	35.13	36
339	Bioprospecting Himalayan Bioresources through transgenic & nutraceutical technology	DBT-R&D	Ahuja,P.S., Dr. (M) Director Institute of Himalayan Bioresource Technology Department of Plant Tissue Culture Palampur - 176 061 Himachal Pradesh	173.27	36
340	Bioprospecting novel genes from the metagenome of coal beds for the biotransformation of lignite coal into high efficiency fuels	DBT-R&D	Tripathi,A.K., Dr. (M) Professor Banaras Hindu University School of Biotechnology Varanasi - 221 005 Uttar Pradesh	40.38	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
341	Bioprospecting of Epimedium Elatum	DBT-R&D	Hassan,Q.P., Dr. (M) Scientist B Regional Research Laboratory Division of Biotechnology, Sant Nagar Srinagar - 190 005 Jammu & Kashmir	43.03	36
342	Biosurfactant from newly isolated yeast strains: Fermentation, downstream processing, characterization & its application	DBT-R&D	Gupta,R., Dr. (F) Reader Delhi University Department of Microbiology New Delhi - 110 021 Delhi	16.43	24
343	Biotechnological approach for clonal conservation of Apple germplasm using in vitro & cryopreservation techniques	DBT-R&D	Gupta,S., Dr. (F) Senior Scientist National Bureau of Plant Genetic Resources Tissue Culture & Cryopreservation Unit New Delhi - 110 012 Delhi	16.03	36
344	Cellular interaction of nanoparticles: Effect on epigenetics & thereby its role in gene expression: Implications from drug delivery to diagnosis	DBT-R&D	Kundu,T.K., Dr. (M) Associate Professor Jawaharlal Nehru Centre for Advanced Scientific Research Transcription & Disease Lab. Bengalooru - 560 064 Karnataka	66.10	36
345	Centre for bioprospecting for selected Lichen & plant species	DBT-R&D	Parida,A.K., Dr. (M) Director M.S. Swaminathan Research Foundation Department of Biotech. & Biodiversity Chennai - 600 113 Tamil Nadu	277.30	60
346	Characterization of inhibitory factors for improvement of bacterial degradation of lignin & pentachlorophenol from pulp paper effluent & its application for Ferti - Irrigation	DBT-R&D	Chandra,R., Dr. (M) Assistant Director Industrial Toxicology Research Centre Environmental Microbiology Division Lucknow - 226 001 Uttar Pradesh	28.14	36
347	Characterization of antimicrobial peptide genes in buffaloes in health & disease	DBT-R&D	Kumar,S., Dr. (M) Assistant Professor College of Veterinary Sciences Department of Veterinary Biochemistry Guwahati - 781 014 Assam	13.45	36
348	Characterization of immune - effector cells & cytokines of Indian & minor - carps	DBT-R&D	Jordar,S.N., Dr. (M) Lecturer West Bengal University of Animal & Fishery Sciences Dept. of Fishery Pathology & Microbiology Kolkata - 700 037 West Bengal	15.15	36
349	Characterization of knockout mutants for Aox1 A in arabidopsis thaliana: A model to understand systems biology & a tool to identify novel metabolites	DBT-R&D	Padmasree,K.P.M.S.V., Dr. (F) Lecturer Hyderabad University Plant Sciences Hyderabad - 500 046 Andhra Pradesh	16.84	36
350	Characterization of Rhodopsin - Mediated phototransduction of chlamydomonas reinhardtii	-----	Kateriya,S., Mr. (M) Lecturer Delhi University New Delhi - 110 021 Delhi	74.86	36
351	Cloning & characterisation of efflux pumps responsible for multiple drug resistance in clinical isolates of various vibrio species	DBT-R&D	Bhardwaj,A., Ms. (F) Assistant Professor Indian Institute of Advanced Research Lab. of Molecular Biology of Disease Gandhinagar - 328 007 Gujarat	19.78	36
352	Combination products of polymer - ceramic nanocomposites with cells & growth factors for bone tissue engineering applications	DBT-R&D	Ramesh,P., Dr. (M) Scientist E Sree Chitra Tirunal Institute for Medical Sciences & Technology Polymer Processing Laboratory Thiruvananthapuram - 695 012 Kerala	34.64	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
353	Comparison of genome sequences of phages infecting pseudomonas aeruginosa for developing bacteriophage therapy against multidrug resistant infections	DBT-R&D	Nath,G., Dr. (M) Reader Banaras Hindu University Institute of Medical Sciences Varanasi - 221 005 Uttar Pradesh	20.93	36
354	Conjugation of engineered cytochrome P450 enzyme onto functionalized carbon nanotubes for bioelectrochemical degradation of pesticides & other pollutants	DBT-R&D	Haram,S.K., Dr. (M) Reader Pune University Department of Chemistry Pune - 411 007 Maharashtra	70.79	36
355	Conjugation of engineered cytochrome P450 enzyme onto functionalized carbon nanotubes for bioelectrochemical degradation of pesticides & other pollutants	DBT-R&D	Mazumdar,S., Dr. (M) Professor Tata Institute of Fundamental Research Department of Chemical Science Mumbai - 400 005 Maharashtra	30.74	36
356	Conservation & propagation of quality Mithun Germplasm in Nagaland	DBT-R&D	Baruah,K.K., Dr. (M) Associate Professor National Research Centre on Mithun Medziphema - 797 106 Nagaland	32.00	36
357	Conservation of panax species in North-East India: Characterization of niche & genetic variability, mapping of potential distributional areas, establishment of field gene bank & micropropagation	DBT-R&D	Barik,S.K., Prof. (M) North-Eastern Hill University Department of Botany Shillong - 793 022 Meghalaya	49.93	36
358	Construction & screening of the metagenomic library to identify genes coding for Chitin /Chitosan modify enzymes	DBT-R&D	Podile,A.R., Prof. (M) Hyderabad University Department of Plant Sciences Hyderabad - 500 046 Andhra Pradesh	36.88	36
359	Construction of bacterial biosensors for the detection of aromatic hydrocarbon pollutants by using environmental genomic (Metagenomic) Approach	DBT-R&D	Lal,R., Dr. (M) Professor Delhi University Dept. of Zoology, Molecular Biology Lab. Delhi - 110 007 Delhi	34.68	36
360	Construction of enzymatic biofuel cell for biomedical application	DBT-R&D	Goswami,P., Dr. (M) Associate Professor Indian Institute of Technology (G) Department of Biotechnology Guwahati - 781 039 Assam	34.81	24
361	Correlation of electrophysiological states & haemodynamic changes during simultaneous performance of EEG-fMRI (SEM) in patients with intractable epilepsy could it be another Non-Invasive tool for Localization of seizures in patients with intractable EPL	DBT-R&D	Tripathi,M., Dr. (F) Associate Professor All India Institute of Medical Sciences Department of Neurology New Delhi - 110 029 Delhi	26.31	36
362	Correlation of poly (ADP-Ribose) polymerase activation & mitochondrial changes under oxidative stress induced cell death in dictyostellium discoideum	DBT-R&D	Begum,R., Dr. (F) Reader M.S. University of Baroda Department of Biochemistry Vadodara - 390 002 Gujarat	46.27	36
363	DBT - UICT Centre for Energy Biosciences	DBT-R&D	Lali,A.M., Dr. (M) Reader University Institute of Chemical Technology Chemical Engineering Division Mumbai - 400 019 Maharashtra	2431.63	60

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
364	DBT Mission for quality Planting Material Productin & Utilization for the North East	DBT-R&D	Kannan,K.K., Dr. (M) Professor Nagaland University Dimapur - 797 112 Nagaland	109.45	36
365	DBT Mission for quality Planting Material Productin & Utilization for the North East	DBT-R&D	Medhi,R.P., Dr. (M) Head Central Agricultural Research Institute Division of Horticulture & Forestry Port Blair - 744 101 Andaman & Nicobar	50.95	36
366	DBT Mission for quality Planting Material Productin & Utilization for the North East	DBT-R&D	Chakrabarti,B., Dr. (M) Principal Investigator Tripura Biotechnology Council Agartala - 799 006 Tripura	94.45	36
367	DBT Mission for quality Planting Material Productin & Utilization for the North East	DBT-R&D	Tandon,P., Dr. (M) Professor North-Eastern Hill University Plant Biotechnology Laboratory Shillong - 793 014 Meghalaya	91.45	36
368	DBT Mission for quality Planting Material Productin & Utilization for the North East	DBT-R&D	Bhattacharyya,R.K., Dr. (M) Professor Assam Agricultural University Jorhat - 785 013 Assam	109.45	36
369	DBT Mission for quality Planting Material Productin & Utilization for the North East	DBT-R&D	Das,A.K., Prof. (M) Head Rajiv Gandhi University Department of Botany, Life Sciences Itanagar - 791 112 Arunachal Pradesh	92.20	36
370	DBT Mission for quality Planting Material Productin & Utilization for the North East	DBT-R&D	Singh,M.R.K., Prof. (M) Institute of Bioresources & Sustainable Development Imphal - 795 001 Manipur	101.20	36
371	DBT Mission for quality Planting Material Productin & Utilization for the North East	DBT-R&D	Saharia,D., Mr. (M) Area Convener The Energy Resources Institute Industrial & Env. Biotech. Division Guwahati - 781 036 Assam	125.95	36
372	DBT Mission for quality Planting Material Productin & Utilization for the North East	DBT-R&D	Arrawatia,M.L., Mr. (M) Principal Investigator Department of Science & Technology Gangtok - 737 101 Sikkim	77.20	36
373	DBT Mission for quality Planting Material Productin & Utilization for the North East	DBT-R&D	Rai,A.N., Dr. (M) Professor North-Eastern Hill University Department of Biochemistry Shillong - 793 022 Meghalaya	85.45	36
374	DBT Mission for quality Planting Material Productin & Utilization for the North East	DBT-R&D	Dhawan,V., Dr. (F) Vice Chancellor The Energy Resources Institute Darbari Seth Block, Lodhi Road New Delhi - 110 003 Delhi	712.34	36
375	Delimiting species boundaries among Hanuman Langurs through molecular phylogenetic approach	DBT-R&D	Karanth,K.P., Dr. (M) Assistant Professor Indian Institute of Science Centre for Ecological Sciences Bengalooru - 560 012 Karnataka	39.00	36
376	Design & characterization of Nano-Crystalline solid dispersions	DBT-R&D	Bansal,A.K., Dr. (M) Associate Professor National Institute of Pharmaceutical Education & Research Mohali - 160 062 Punjab	37.22	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 Lakhs)	Duration (in Months)
377	Design & development of nanoparticulate targeted drug delivery systems	DBT-R&D	Ahmad,F.J., Dr. (M) Reader Jamia Hamdard New Delhi - 110 062 Delhi	108.60	36
378	Design of anion recognition short peptide motifs: An approach towards designing model scaffolds for binding	DBT-R&D	Banerjee,R., Dr. (M) Reader West Bengal University of Technology Department of Biotechnology Kolkata - 700 064 West Bengal	23.73	36
379	Designing a multitarget RNAi effector molecule for simultaneous silencing of multiple genes	DBT-R&D	Rajaguru,P., Dr. (M) Assistant Professor Anna University Department of Biotechnology Tiruchirappalli - 620 024 Tamil Nadu	30.71	24
380	Designing novel nematode management technology through functional genomics of ESTs of meloidogyne incognita (Root Knot Nematode) using RNAi for identifying parasite gene targets	DBT-R&D	Rao,U., Dr. (F) Scientist (S.S.) Indian Agricultural Research Institute Division of Nematology, Pusa New Delhi - 110 012 Delhi	79.46	36
381	Designing novel nematode management technology through functional genomics of ESTS of meloidogyne incognita (Root Knot Nematode) using RNAi for identifying parasite gene targets*	DBT-R&D	Malhotra,P., Dr. (M) Sr. Research Scientist International Centre for Genetic Engineering & Biotechnology Department of Malaria Group New Delhi - 110 067 Delhi	11.17	36
382	Determination of role of focal adhesion kinase in regulating neuronal insulin resistance through RNA interference	DBT-R&D	Dey,C.S., Dr. (M) Professor & Head National Institute of Pharmaceutical Education & Research Department of Biotechnology Mohali - 160 062 Punjab	38.39	36
383	Developing broad spectrum biocontrol technology by utilizing PGP fluorescent pseudomonads for controlling soil borne phytopathogens & ecofriendly agriculture	DBT-R&D	Arora,N.K., Dr. (M) Head Chhatrapati Sahuji Maharaj Medical University Department of Microbiology Lucknow - 226 003 Uttar Pradesh	17.09	36
384	Development & application of virus - induced gene silencing geminiviral vectors for agriculture	DBT-R&D	Usha,R., Dr. (F) Reader Madurai Kamaraj University School of Biotechnology Madurai - 625 021 Tamil Nadu	40.22	36
385	Development & characterization of cell lines from etropu for virological & toxicological application	DBT-R&D	Hameed,A.S.S., Dr. (M) Scientist C. Abdul Hakeem College Vellore - 632 503 Tamil Nadu	31.21	36
386	Development & characterization of cell lines from etropu for virological & toxicological application	DBT-R&D	Bhonde,R.R., Dr. (M) Scientist F National Centre for Cell Sciences Pune - 411 007 Maharashtra	7.60	36
387	Development & evaluation of liposomal drug delivery system	DBT-R&D	Nagarsenkar,M.S., Dr. (F) Professor Bombay College of Pharmacy Department of Pharmaceutics Mumbai - 400 098 Maharashtra	40.23	36
388	Development & evaluation of nanoparticulate delivery system for peptide drugs	DBT-R&D	Vavia,P.R., Prof. (M) University Institute of Chemical Technology Pharmaceutical Science & Technology Mumbai - 400 019 Maharashtra	43.74	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
389	Development of a diagnostic marker for Parkinson's disease	DBT-R&D	Kalivendi, S.V., Dr. (M) Scientist Indian Institute of Chemical Technology Department of Chemical Biology Hyderabad - 500 007 Andhra Pradesh	15.62	36
390	Development of an appropriate technology for efficient conversion of sweet Sorghum bagasse to ethanol (Datecse) Phase 1. Optimization of hemicellulose fractionation & hydrolysate fermentation	DBT-R&D	Rao, S.S., Dr. (M) Senior Scientist National Research Centre for Sorghum Hyderabad - 500 030 Andhra Pradesh	14.12	36
391	Development of an appropriate technology for efficient conversion of sweet Sorghum bagasse to ethanol (Datecse) Phase 1. Optimization of hemicellulose fractionation & hydrolysate fermentation	DBT-R&D	Kishore, V.V.N., Dr. (M) Senior Fellow The Energy Resources Institute Energy & Environment Division, Lodi Road New Delhi - 110 003 Delhi	25.06	36
392	Development of an enzymatic biosensor for arsenic detection	DBT-R&D	Khandal, R.K., Dr. (M) Director (R&D) Shriram Institute for Industrial Research Delhi - 110 007 Delhi	38.85	36
393	Development of antiviral therapy using Double Stranded RNA (DSRNA) against Shrimp viruses, WSSV, MBV & HPV	DBT-R&D	Hameed, A.S.S., Dr. (M) Reader C. Abdul Hakeem College Department of Zoology, Melvishram Vellore - 632 503 Tamil Nadu	25.91	36
394	Development of antiviral therapy using Double Stranded RNA (DSRNA) against Shrimp viruses, WSSV, MBV & HPV	DBT-R&D	Santiago, T.C., Dr. (M) Principal Scientist Central Institute of Brackishwater Aquaculture Aquatic Animal Health Division Chennai - 600 028 Tamil Nadu	35.35	36
395	Development of biodegradable dual porous polymer nanocomposite scaffolds	DBT-R&D	Thomas, S., Dr. (M) Professor Mahatma Gandhi University Dept. of Polymer Science, & Engineering Kottayam - 686 028 Kerala	58.59	36
396	Development of bioreactor technology for bioconversion of coir pith & management of pollution	DBT-R&D	Singh, I.S.B., Dr. (M) Professor & Director Cochin University of Science & Technology School of Environmental Studies Kochi - 682 016 Kerala	16.81	24
397	Development of Chromosome Database for Plants	DBT-R&D	Jha, S., Dr. (F) Reader Calcutta University Department of Botany, 35 B.C. Road Kolkata - 700 019 West Bengal	32.26	36
398	Development of cold inducible synthetic promoter for specific expression of transgene in plants during cold stress	DBT-R&D	Thamalapudi, V.R., Dr. (M) Scientist Gr. IV(2) Institute of Himalayan Bioresource Technology Department of Biotechnology Palampur - 176 061 Himachal Pradesh	31.02	36
399	Development of controlled release nanoparticulate formulations for pesticides & insecticides	DBT-R&D	Mozumdar, S., Dr. (M) Reader Delhi University Department of Chemistry Delhi - 110 007 Delhi	39.35	36
400	Development of DE - cellularised animal tissue for cardio-vascular application	DBT-R&D	Das, A.S., Dr. (F) Managing Director Kerala Livestock Development Board Thiruvananthapuram - 695 004 Kerala	10.59	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
401	Development of DE-cellularised animal tissue for cardio-vascular application	DBT-R&D	Manohar,S.R.K., Dr. (M) Professor Sree Chitra Tirunal Institute for Medical Sciences & Technology Cardio Vascular & Thoracic Surgery Thiruvananthapuram - 695 011 Kerala	63.39	36
402	Development of effective biological insecticide for mosquito control by coexpression of bacillus thuringiensis var. israelensis mosquitocidal proteins in pichia pastoris	DBT-R&D	Meenakshisundaram,S., Dr. (M) Assistant Professor Anna University Centre for Biotechnology Chennai - 600 025 Tamil Nadu	33.06	36
403	Development of folate - conjugated gadolinium metallodendrimers as contrast agents for MRI & dendrimer - encapsulated gold nanoparticles as optical probes toward cancer diagnosis & therapy	DBT-R&D	Alexander,V., Dr. (M) Professor Loyola College Department of Chemistry Chennai - 600 034 Tamil Nadu	56.01	36
404	Development of molecular markers for characterization of accessions of Buckwheat (Fagopyrum SPP) & Quinoa (Chenopodium SPP.) two important underutilized crops from Indian Himalayas	DBT-R&D	Chungoo,N.K., Dr. (M) Professor North-Eastern Hill University Department of Botany Shillong - 793 022 Meghalaya	42.65	36
405	Development of novel biodegradable drug releasing polymer systems for cancer therapy	DBT-R&D	Kumar,G.S.V., Dr. (M) Scientist B Rajiv Gandhi Centre for Biotechnology Department of Peptide Library Thiruvananthapuram - 695 014 Kerala	15.22	36
406	Development of novel water soluble isoflavone derivatives using in-silico approach & determination of its ocular pharmacological activity in experimental model of post menopausal dry eye	DBT-R&D	Velpandian,T., Dr. (M) Assistant Professor All India Institute of Medical Sciences Department of Ocular Pharmacology New Delhi - 110 029 Delhi	26.96	36
407	Development of recirculatory aquaculture system based on bioremediation & integrated bioplastic production	DBT-R&D	Mallick,N., Dr. (F) Assistant Professor Indian Institute of Technology (Kh) Applied Botany Section Kharagpur - 721 302 West Bengal	26.37	36
408	Development of surrogate virus system to understand human immunodeficiency virus type-1 Pathogenesis	DBT-R&D	Mahalingam,S., Dr. (M) Staff Scientist IV Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 076 Andhra Pradesh	48.31	36
409	Developmental metabolics & organogenesis: An expression screening approach	DBT-R&D	Bandyopadhyay,A., Dr. (M) Assistant Professor Indian Institute of Technology (K) Dept. of Biological Sciences & Bioengg. Kanpur - 208 016 Uttar Pradesh	79.85	36
410	Drug Delivery & drug targeting using therapeutic nanoparticles	DBT-R&D	Padh,H., Prof. (M) Director B.V. Patel Pharmaceutical Education & Research Development Centre Ahmedabad - 380 054 Gujarat	56.74	36
411	Effect of caffeine on microglial activation & secondary signaling mediators in maneb paraquat induced Parkinson's disease phenotype in mouse	DBT-R&D	Singh,M.P., Dr. (M) Scientist Gr. IV(2) Industrial Toxicology Research Centre Dept. of Environmental Biotechnology Lucknow - 226 001 Uttar Pradesh	39.94	36

BROAD SUBJECT AREA: BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
412	Effect of tannin containing feeds on rumen microbial ecosystem & its manipulation for improving their utilization	DBT-R&D	Chaudhary,L.C., Dr. (M) Senior Scientist Indian Veterinary Research Institute Animal Nutrition Division Izatnagar - 243 122 Uttar Pradesh	27.26	36
413	Elements controlling development of important reproductive traits in brassicas	DBT-R&D	Singh,A., Dr. (F) Assistant Professor TERI School of Advanced Studies Dept. of Natural Resources Management New Delhi - 110 003 Delhi	38.59	36
414	Elucidation of macrophage & mycobacterium tuberculosis genes mediating latent tuberculosis	DBT-R&D	Natarajan,K., Mr. (M) Staff Research Scientist International Centre for Genetic Engineering & Biotechnology New Delhi - 110 067 Delhi	35.00	36
415	Entomotoxic nanoparticle development: Insecticidal efficacy & biosafety studies metabolomics & machine learning tools	DBT-R&D	Goswami,A., Dr. (M) Lecturer Indian Statistical Institute Agricultural & Ecological Science Unit Kolkata - 700 108 West Bengal	126.51	36
416	Enzymatic synthesis of biodiesel in supercritical fluids	DBT-R&D	Giridhar,M., Dr. (M) Assistant Processor Indian Institute of Science Department of Chemical Engineering Bengalooru - 560 012 Karnataka	9.48	36
417	E-Profiling of secondary metabolites in Azadirachta Indica - Synergies through wet & dry Lab investigations	DBT-R&D	Annadurai,R.S., Dr. (M) Group Leader Vittal Mallaya Scientific Research Foundation Department of Biological Sciences Bengalooru - 560 004 Karnataka	17.55	36
418	Establishment of a Centre of Bioprospecting in IIT, Kharagpur: Prospecting novel genes & amp; molecules of Santalum album L. & Amaranthus tricolor L.	DBT-R&D	Dey,S., Dr. (M) Assistant Professor Indian Institute of Technology (Kh) Department of Biotechnology Kharagpur - 721 302 West Bengal	66.54	36
419	Establishment of aerosol containment facility for slow growing & fast growing pathogens	DBT-R&D	Gokhale,R.S., Dr. (M) Staff Scientist IV National Institute of Immunology Department of Neurobiology New Delhi - 110 067 Delhi	250.00	36
420	Establishment of National Database on Tuberculosis	DBT-R&D	Bhattacharya,A., Prof. (M) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	13.63	12
421	Establishment of National Database on Tuberculosis	DBT-R&D	Prasad,T.S.K., Dr. (M) Faculty Scientist Institute of Bioinformatics & Applied Biotechnology Discoverer, International Tech. Park Bengalooru - 560 066 Karnataka	13.47	12
422	Establishment of National Database on Tuberculosis	DBT-R&D	Kumar,P., Dr. (M) Director National Tuberculosis Institute Bengalooru - 560 003 Karnataka	11.50	12
423	Establishment of National Database on Tuberculosis	DBT-R&D	Chandra,N.R., Dr. (M) Senior Scientific Officer Indian Institute of Science Bioinformatics Centre Bengalooru - 560 012 Karnataka	15.93	12

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
424	Establishment of National Database on Tuberculosis	DBT-R&D	Pardasani,K.R., Dr. (M) Professor & Head Maulana Azad National Institute of Technology Department of Applied Mathematics Bhopal - 462 007 Madhya Pradesh	11.80	12
425	Establishment of National Database on Tuberculosis	DBT-R&D	Kumar,V., Dr. (M) Deputy Director Tuberculosis Research Centre Department of Bacteriology, Chetput Chennai - 600 031 Tamil Nadu	11.46	12
426	Establishment of National Database on Tuberculosis	DBT-R&D	Katoch,V.M., Dr. (M) Director National Jalma Institute for Leprosy & Other Microbacterial Diseases Department of Microbiology, Taj Ganj Agra - 282 001 Uttar Pradesh	19.80	12
427	Evaluation of autonomic function, saccadic Eye movement control & fibillin gene (Exon 24-28) in development bony craniovertebral junction anomalies	DBT-R&D	Chandra,P.S., Dr. (M) Associate Professor All India Institute of Medical Sciences Department of Neurosurgery New Delhi - 110 029 Delhi	16.98	36
428	Evaluation of high quality planting material of <i>Jatropha Curcas</i> under multilocation trial	DBT-R&D	Swamy,S.L., Dr. (M) Scientist Indira Gandhi Agricultural University Department of Forestry Raipur - 493 118 Chhattisgarh	25.17	36
429	Evaluation of Xylanases & laccases at pilot & mill scale in pulp & paper industry	DBT-R&D	Gupta,V.K., Dr. (M) Professor Kurukshetra University Department of Biochemistry Kurukshetra - 136 119 Haryana	16.24	36
430	Evaluation of Xylanases & laccases at pilot & mill scale in pulp & paper industry	DBT-R&D	Jain,R.K., Dr. (M) Director Kumarrapa National Handmade Paper Institute Jaipur - 303 902 Rajasthan	7.96	36
431	Evaluation of Xylanases & laccases at pilot & mill scale in pulp & paper industry	DBT-R&D	Adkar,S.S., Mr. (M) Manager Production (Tech) Rossari Biotechnology Mumbai - 400 079 Maharashtra	13.66	36
432	Evaluation of Xylanases & laccases at pilot & mill scale in pulp & paper industry	DBT-R&D	Kuhad,R.C., Dr. (M) Reader Delhi University Department of Microbiology New Delhi - 110 021 Delhi	60.71	36
433	Evaluation of Xylanases & laccases at pilot & mill scale in pulp & paper industry	DBT-R&D	Mathur,R.M., Dr. (M) Scientist E I Central Pulp & Paper Research Institute Department of Chemical Recovery, Energy Management & Biotechnology, Star Paper Mill Road Saharanpur - 247 001 Uttar Pradesh	28.82	36
434	Exploring biomolecular dynamics using cross correlated spin relaxation in NMR	DBT-R&D	Dorai,K., Dr. (F) Assistant Professor Indian Institute of Technology (M) Department of Physics Chennai - 600 036 Tamil Nadu	53.04	36
435	Exploring novel mechanisms of insulin resistance & type - 2 diabetes using MIRNA & RNAi technologies	DBT-R&D	Balasubramanayam,M., Dr. (M) Senior Scientist Madras Diabetes Research Foundation Department of Cell & Molecular Biology Chennai - 600 086 Tamil Nadu	68.42	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
436	Expression & prognostic relevance of key Immuno-Histochemical markers in Indian Women with Carcinoma breast	DBT-R&D	Wadhwa,N., Dr. (F) Lecturer University College of Medical Sciences & GTB Hospital Department of Pathology Delhi - 110 095 Delhi	5.13	36
437	Fabrication of structured nanobiomaterials webs & writings through biomimetism with emphasis on self mineralizing architectures for tissue engineering	DBT-R&D	Sinha,A., Dr. (M) Scientist EI National Metallurgical Laboratory Materials Characterisation Division Jamshedpur - 831 007 Jharkhand	61.11	36
438	Fabrication of structured nanobiomaterials webs & writings through biomimetism with emphasis on self mineralizing architectures for tissue engineering	DBT-R&D	Singh,S., Dr. (F) Scientist E 2 Centre for Cellular & Molecular Biology Department of Crop Improvement Hyderabad - 500 007 Andhra Pradesh	18.13	36
439	Functional Analysis of novel petal abscission & senescence related genes from Rose & Gladioli	DBT-R&D	Sane,A.P., Dr. (M) Scientist C National Botanical Research Institute Plant Gene Expression Laboratory Lucknow - 226 001 Uttar Pradesh	33.28	36
440	Genetic improvement & recovery of Abutilon Ranadei Woodr.ET.Stapf. & Erinocarpus Nimmonii Grah EX. Dalz. & Gibs the critically endangered species in Western Ghats	DBT-R&D	Pokle,D., Dr. (M) Professor Dr. Babasaheb Ambedkar Marathwada University Aurangabad - 431 003 Maharashtra	34.34	36
441	Genetic improvement & recovery of Abutilon Ranadei Woodr.ET.Stapf. & Erinocarpus Nimmonii Grah EX. Dalz. & Gibs the critically endangered species in Western Ghats	DBT-R&D	Yadav,S.R., Dr. (M) Professor Shivaji University Department of Botany Kolhapur - 416 004 Maharashtra	14.40	36
442	Genetic improvement & recovery of Abutilon Ranadei Woodr.ET.Stapf. & Erinocarpus Nimmonii Grah EX. Dalz. & Gibs the critically endangered species in Western Ghats	DBT-R&D	Chavan,G.T., Mr. (M) Office of Conservator of Forests Kolhapur - 416 003 Maharashtra	10.80	36
443	Genetic improvement & recovery of Abutilon Ranadei Woodr.ET.Stapf. & Erinocarpus Nimmonii Grah EX. Dalz. & Gibs the critically endangered species in Western Ghats	DBT-R&D	Umalkar,G.V., Dr. (M) Ankur Seeds Private Limited Nagpur - 440 018 Maharashtra	6.50	36
444	Glycosylation of nuclear & cytoplasmic proteins: Keratin 8/18 O-GlcNAcylation & its possible role in cellular transformation	DBT-R&D	Kalraiya,R.D., Dr. (M) Scientific Officer E Advanced Centre for Treatment Research & Education in Cancer Department of Biochemistry & Cell Biology Navi Mumbai - 410 208 Maharashtra	24.34	36
445	Gold nanoparticles in drug delivery & diagnostics	DBT-R&D	Dasgupta,A., Dr. (M) Professor & Head Calcutta University Department of Biochemistry Kolkata - 700 003 West Bengal	28.29	36
446	High throughput glycomics with lectin microarray	DBT-R&D	Maiti,T.K., Dr. (M) Associate Professor Indian Institute of Technology (Kh) Biotechnology Centre Kharagpur - 721 302 West Bengal	38.46	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
447	Highly efficient & simple methods for the preparation of active laccase antibody conjugates for enzyme-immunoassay & immunoblots	DBT-R&D	Bishayi,B., Dr. (M) Lecturer (SS) Calcutta University Immunology Laboratory Kolkata - 700 009 West Bengal	14.43	36
448	Identification & analysis of new & established virulence factors from <i>Vibrio Cholerae</i> , <i>Leishmania Major</i> , <i>Trypanosoma Cruzi</i> & <i>Trypanosoma Brucei</i> through a bioinformatic study	DBT-R&D	Singh,D.D., Mr. (M) Associate Professor Indian Institute of Advanced Research Bioinformatics & Structural Biology Gandhinagar - 382 007 Gujarat	25.38	24
449	Identification & characterization of cyclins in <i>plasmodium falciparum</i>	DBT-R&D	Gupta,D., Dr. (M) Research Scientist International Centre for Genetic Engineering & Biotechnology Department of Malaria Group New Delhi - 110 067 Delhi	14.84	36
450	Identification of novel proteins expressed by <i>salmonella</i> spp. in biofilm & their utility in diagnosis of salmonellosis	DBT-R&D	Agarwal,R.K., Dr. (M) Senior Scientist Indian Veterinary Research Institute National Salmonella Centre Izatnagar - 243 122 Uttar Pradesh	21.50	36
451	Immuno-Prophylactic evaluation of potential vaccine candidates against <i>fasciola gigantica</i> animals	DBT-R&D	Raina,O.K., Dr. (M) Principal Investigator Indian Veterinary Research Institute Department of Parasitology Izatnagar - 243 122 Uttar Pradesh	35.03	36
452	Impact of adipokines gene polymorphism, mRNA expression in visceral adipose tissue on their circulatory levels & risk markers for developing metabolic syndrome in Indian adult women	DBT-R&D	Gupta,V., Dr. (F) Assistant Professor Chhatrapati Sahuji Maharaj Medical University Department of Physiology Lucknow - 226 003 Uttar Pradesh	16.84	36
453	Impacts of habitat fragmentation on reproductive & genetic variation in the lion-tailed Macaque in rainforest gargments of Western Ghats	DBT-R&D	Umapathy,G., Dr. (M) Scientist IV Centre for Cellular & Molecular Biology Department of Species Hyderabad - 500 007 Andhra Pradesh	35.27	36
454	Information management system for marker - assisted plant breeding	DBT-R&D	Balaji,J., Dr. (F) Scientist International Crops Research Institute for the Semi-Arid Tropics Department of Bioinformatics Guntur - 502 324 Andhra Pradesh	27.30	36
455	Isolation & characterisation of antifouling compounds from marine molluscs	DBT-R&D	Balasubramanian,T., Dr. (M) Professor & Director Annamalai University Department of Marine Biology Parangipettai - 608 502 Tamil Nadu	25.55	36
456	Isolation ADN characterisation of cDNAs encoding Secreted Salivary Gland Proteins (SSGPs) from the rice gall midge (<i>Orseolia Azyzae</i>) to understand their role in rice-insect pest interaction	DBT-R&D	Nari,S., Dr. (M) Sr. Research Scientist International Centre for Genetic Engineering & Biotechnology Department of Plant Mol. Biology New Delhi - 110 067 Delhi	53.25	36
457	Isolation of telomerase inhibitor from soil microbe	DBT-R&D	Angayarkanni,J., Dr. (M) Lecturer Bharathiar University Department of Biotechnology Coimbatore - 641 046 Tamil Nadu	15.20	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 Lakhs)	Duration (in Months)
458	Management of network trials for improvement of Jatropha Curcas through evaluation of diversity & establishment of Clonal/Seed orchards & development of national database on Jatropha	DBT-R&D	Seth,P.K., Prof. (M) Chief Executive Officer Biotech Park Lucknow - 226 021 Uttar Pradesh	23.74	36
459	Mechanisms underlying the trigger & spread of trans - silencing in transgenic plants: Suppression of transgene silencing by mungbean yellow mosaic virus AC2	DBT-R&D	Veluthambi,K., Dr. (M) Senior Scientist Madurai Kamaraj University School of Biotechnology Madurai - 625 021 Tamil Nadu	40.24	36
460	Metagenomic approach for the degradation of Polyromatic Hydrocarbon (PAH) - Pyrene	DBT-R&D	Khanna,S., Dr. (M) Professor NIIT Institute of Information Technology Department of Biotechnology New Delhi - 110 024 Delhi	34.79	36
461	Metagenomic approach to mine environmental bacteria: Search for an efficient antimicrobial function & its implication	DBT-R&D	Srivastava,S., Dr. (F) Professor & Head Delhi University Department of Genetics New Delhi - 110 021 Delhi	41.48	36
462	Micro RNA trafficking & human cancer: Development of Astrocytoma	DBT-R&D	Somasundaram,K., Dr. (M) Assistant Professor Indian Institute of Science Department of Microbiology & Cell Biology Bengalooru - 560 012 Karnataka	117.32	36
463	Micro RNAs in E. Coli & other human & plant pathogenic bacteria	DBT-R&D	Nair,M., Dr. (F) Reader M.S. University of Baroda Dept. of Microbiology & Biotechnology Vadodara - 390 002 Gujarat	41.02	36
464	Microbial production of erythritol	DBT-R&D	Gadre,R.V., Dr. (M) Scientist E National Chemical Laboratory Pune - 411 008 Maharashtra	9.32	18
465	Microrna mediated modulation of globin gene expression	DBT-R&D	Dasgupta,U., Dr. (F) Professor Calcutta University Dept. of Biophysics, Mol. Biology & Genetics Kolkata - 700 009 West Bengal	31.13	36
466	Microwave assisted synthesis of some biologically active fused heterocycles	DBT-R&D	Singh,K.N., Dr. (M) Reader Banaras Hindu University Institute of Technology Varanasi - 221 005 Uttar Pradesh	20.74	36
467	Mining the metagenome of activated biomass for new antibiotic molecules	DBT-R&D	Kapley,A., Dr. (F) Scientist GP IV(3) National Environmental Engineering Research Institute Environmental Genomics Unit Nagpur - 440 020 Maharashtra	40.73	36
468	Molecular analysis Biochemical study & physiological significance of Protein L - Isoaspartyl 1 (D-aspartyl) o-Methyltransferase (PIMT) from stress tolerant plants & its exploitation to enhance seed vigor, viability & seed longevity in plants	DBT-R&D	Majee,M., Dr. (M) Scientist II National Centre for Plant Genome Research New Delhi - 110 067 Delhi	26.86	36
469	Molecular analysis of the MRNA transcripts from germline of buffalo (Bubalus Bubalis) tagged with minisatellites & their possible functional status in somatic tissues	DBT-R&D	Ali,S., Dr. (M) Staff Scientist & Group Leader National Institute of Immunology Molecular Genetics Laboratory New Delhi - 110 067 Delhi	180.53	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
470	Molecular characterization & analysis of differentially expressed genes from contrasting brassica juncea gene-pools: An insight into glucosinolates biosynthesis	DBT-R&D	Bisht, N.C., Dr. (M) Staff Scientist II National Centre for Plant Genome Research New Delhi - 110 067 Delhi	26.05	36
471	Molecular characterization of Ex-Situ conserved germplasm & identification of molecular markers associated with wood quality traits in tectona grandis L.F.	DBT-R&D	Ansari, S.A., Dr. (M) Scientist E Tropical Forest Research Institute Genetics & Plant Propagation Division Jabalpur - 482 021 Madhya Pradesh	36.18	36
472	Molecular characterization of genes associated with apomixis in cenchrus ciliaris	DBT-R&D	Bhat, V., Dr. (M) Reader Delhi University Department of Botany Delhi - 110 007 Delhi	45.09	36
473	Molecular characterization of novel catabolic genes & enzymes involved in a distinct metabolic pathway in the assimilation of phenanthrene	DBT-R&D	Dutta, T.K., Dr. (M) Lecturer Bose Institute Department of Microbiology Kolkata - 700 054 West Bengal	36.43	36
474	Molecular characterization of the interaction between the tumour suppressor adenomatous polyposis coli & the nucleoporin NUP358	DBT-R&D	Joseph, J., Mr. (M) Scientist D National Centre for Cell Sciences Department of Cell Biology Pune - 411 007 Maharashtra	28.24	36
475	Molecular cloning & characterization of MCM proteins (DNA Replicative Components) from pisum sativum: Study of their regulation under normal & abiotic stresses	DBT-R&D	Tuteja, N., Dr. (M) Associate Scientist International Centre for Genetic Engineering & Biotechnology Department of Plant Molecular Biology New Delhi - 110 067 Delhi	26.78	36
476	Molecular diversity of begomoviruses causing chilli leaf curl disease & identification of virulence factors	DBT-R&D	Chakraborty, S., Dr. (F) Associate Professor Jawaharlal Nehru University School of Life Science New Delhi - 110 067 Delhi	28.23	36
477	Molecular elucidation of principle basmati aroma compound 2 Acetyl-1-pyrroline in pandanus amaryllifolius ROXB.	DBT-R&D	Balechand, N.A., Mr. (M) Pune University Department of Botany Pune - 411 007 Maharashtra	19.34	36
478	Molecular mapping of gene(s) QTL for Bruchid (Callosobruchus SPP.) resistance in Blackgram (Vigna Mungo (L.) Hepper)	DBT-R&D	Jayamani, P., Dr. (M) Associate Professor Tamil Nadu Agricultural University Department of Pulses Coimbatore - 641 003 Tamil Nadu	15.22	36
479	Multilocal field trial of superior Jatropa clones in different agroclimatic Zone of North-Eastern States	DBT-R&D	Saharia, D., Mr. (M) Area Convener The Energy Resources Institute TERI Industrial & Env. Biotech. Div. Guwahati - 781 036 Assam	15.84	36
480	Nanotherapeutics with lipidic nanoparticles for the treatment of Malaria	DBT-R&D	Sharma, S., Prof. (F) Tata Institute of Fundamental Research Department of Biological Sc. Mumbai - 400 005 Maharashtra	30.56	36
481	Nanotherapeutics with lipidic nanoparticles for the treatment of Malaria	DBT-R&D	Patravale, V.B., Dr. (F) Reader University Institute of Chemical Technology Dept. of Pharmaceutical Sciences & Tech. Mumbai - 400 019 Maharashtra	77.34	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
482	Novel genes & their regulatory elements for salt & drought tolerance from the wild halophytic rice porteresia & domesticated rice varieties	DBT-R&D	Majumder,A.N.L., Prof. (F) Bose Institute Department of Plant Mol. & Cell. Genetics Kolkata - 700 054 West Bengal	62.27	36
483	Optimization of agrobacterium tumefaciens transformation protocol for local elite cultivars of Jatropha Curea	DBT-R&D	Kokiladevi,E., Dr. (F) Assistant Professor Tamil Nadu Agricultural University Centre for Plant Molecular Biology Coimbatore - 641 003 Tamil Nadu	13.71	36
484	Optimization of ethanol production from agro wastes	DBT-R&D	Pramanik,K., Dr. (F) Assistant Professor National Institute of Technology (Rourkela) Department of Chemical Engineering Rourkela - 769 008 Orissa	10.93	18
485	PCF: applications in metagenomic study of Godavari river pollution	DBT-R&D	Jisnani,M.L., Prof. (M) Head Sindhu Mahavidyalaya Department of Microbiology Nagpur - 440 017 Maharashtra	37.78	36
486	Peptide conjugated hyperbranched / Dendritic polymer nanocarriers for targeted multi phased drug delivery	DBT-R&D	Kumar,K.S., Dr. (M) Scientist C Rajiv Gandhi Centre for Biotechnology Div. of Peptide Chem. & Structural Biology Thiruvananthapuram - 695 014 Kerala	41.75	36
487	Phenotype - Genotype correlation of the genetic disorder & quot; Mucopolysaccharidosis type I& Quot; Using bioinformatic tools	DBT-R&D	Mahalingam,K., Dr. (M) Lecturer Vellore Institute of Technology School of Bioengineering & Bioscience Vellore - 632 014 Tamil Nadu	10.52	24
488	Pilot scale facility for bioremediation of polluted sites of Petroleum Industry	DBT-R&D	Lal,B., Dr. (M) Director The Energy Resources Institute Dept .of Env. & Industrial Biotechnology New Delhi - 110 003 Delhi	157.88	36
489	Polycystin -1 & Nuclear Factor of Activated T- antigen (NFAT), the interacting partners in Reno-Cardiac functioning in Autosomal Dominant Polycystic Kidney Disease (ADPKD)	DBT-R&D	Puri,S., Dr. (M) Reader Panjab University Department of Biochemistry Chandigarh - 160 012 Chandigarh	37.81	36
490	Potential of nano particle encapsulated Sima in treatment of cancer	DBT-R&D	Owais,M., Dr. (M) Senior Lecturer Aligarh Muslim University Interdisciplinary Biotechnology Unit Aligarh - 202 002 Uttar Pradesh	63.53	36
491	Preclinical development of peptide antibiotics from frog skin secretions	DBT-R&D	Kumar,K.S., Dr. (M) Scientist C Rajiv Gandhi Centre for Biotechnology Div. of Peptide Chem. & Structural Biology Thiruvananthapuram - 695 014 Kerala	49.05	36
492	Preparation & screening of DNA library from wood decaying soils & termite mounts for novel lignocellulolytic enzymes	DBT-R&D	Kuhad,R.C., Dr. (M) Reader Delhi University Department of Microbiology New Delhi - 110 021 Delhi	38.58	36
493	Production of bacterial L- Asparaginase: An approach for process optimization	DBT-R&D	Dasu,V.V., Dr. (M) Assistant Professor Indian Institute of Technology (G) Department of Biotechnology Guwahati - 781 039 Assam	6.00	24

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
494	Production of fungal metalloenzymes & their potential role in bioremediation	DBT-R&D	Gupte,A.P., Dr. (M) Head Natubhai V. Patel College of Pure & Applied Sciences Department of Microbiology, Mota Bazar Vallabh Vidyanagar - 388 120 Gujarat	30.09	36
495	Program support in high priority areas in biology at the Indian Institute of Science	DBT-R&D	Rao,D.N., Dr. (M) Professor Indian Institute of Science Department of Biochemistry Bengalooru - 560 012 Karnataka	1750.60	60
496	Protein engineering of self - assembly systems for applications in nanoscience & nanotechnology	DBT-R&D	Gautam,P., Dr. (M) Professor Anna University Centre for Biotechnology, Guindy Chennai - 600 025 Tamil Nadu	17.47	36
497	Protein engineering of self-assembly systems for applications in nanoscience & nanotechnology	DBT-R&D	Usha,R., Dr. (F) Reader Madurai Kamaraj University School of Biotechnology Madurai - 625 021 Tamil Nadu	88.92	36
498	Protein engineering of self-assembly systems for applications in nanoscience & nanotechnology	DBT-R&D	Ramanathan,V.D., Dr. (M) Deputy Director Tuberculosis Research Centre Department of Pathology, Chetput Chennai - 600 031 Tamil Nadu	29.47	36
499	Proteomics of influenza virus H5N1	DBT-R&D	Khan,A.U., Dr. (M) Senior Lecturer Aligarh Muslim University Interdisciplinary Biotechnology Unit Aligarh - 202 002 Uttar Pradesh	17.14	36
500	Psychoneuroimmune effect of medication: An evaluation by pet & biochemical markers	DBT-R&D	Yadav,R.K., Dr. (M) Assistant Professor All India Institute of Medical Sciences New Delhi - 110 029 Delhi	11.60	36
501	Quality evaluation & application of fish industry waste lipids recovered through biotechnological approaches	DBT-R&D	Bhaskar,N., Mr. (M) Scientist Central Food Technological Research Institute Dept. of Meat, Fish & Poultry Technology Mysore - 570 020 Karnataka	35.78	36
502	Quantum - Dot modified nucleotide analogs as probes to understand the mechanism of activation of heterotrimeric g proteins	DBT-R&D	Krishna,A.G., Dr. (M) Assistant Professor Indian Institute of Technology (M) Department of Biotechnology Chennai - 600 036 Tamil Nadu	55.45	36
503	Quantum dots & rods bioconjugates as target probes in imaging of cancer cells	DBT-R&D	Pandian,K., Dr. (M) Lecturer (S.G.) Madras University Department of Inorganic Chemistry Chennai - 600 025 Tamil Nadu	23.17	36
504	Quantum dots & rods bioconjugates as target probes in imaging of cancer cells	DBT-R&D	Lakshmi,B.S., Dr. (F) Lecturer Anna University Centre for Biotechnology Chennai - 600 025 Tamil Nadu	22.65	36
505	Real time PCR based rapid detection of Mycobacterium tuberculosis from peripheral blood samples	DBT-R&D	Menon,B., Dr. (M) Reader Vallabhbhai Patel Chest Institute Respiratory Allergy & Applied Immunology Delhi - 110 007 Delhi	7.20	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 Lakhs)	Duration (in Months)
506	Recombinant production of cal B (Candida Amartactia Lipase B) Enzyme using pichia pastoris & its immobilization for Chiral conversion application	DBT-R&D	Meenakshisundaram,S., Dr. (M) Assistant Professor Anna University Centre for Biotechnology Chennai - 600 025 Tamil Nadu	33.06	36
507	Recovery & expression of thermo-alkali-stable xylanase genes from alkaline & hot environments by culture-independent metagenomic approaches	DBT-R&D	Satyanarayana,T., Dr. (M) Professor Delhi University Department of Microbiology New Delhi - 110 021 Delhi	39.81	36
508	Regulation of chromatin accessibility for transcription & recombination	DBT-R&D	Srivastava,M., Ms. (F) Staff Scientist IV National Institute of Immunology New Delhi - 110 067 Delhi	45.58	36
509	RFP - Evolutionary analysis & computational identification of novel cyclins of protozoan parasites	DBT-R&D	Gupta,D., Dr. (M) Research Scientist International Centre for Genetic Engineering & Biotechnology Department of Malaria Group New Delhi - 110 067 Delhi	4.00	15
510	RFP - Structure based drug design of DHFR inhibitors as antitubercular agents	DBT-R&D	Degani,M.S., Dr. (F) Reader University Institute of Chemical Technology Dept. of Pharmaceuticals & Fine Chemicals Mumbai - 400 019 Maharashtra	18.93	36
511	RFP - Study of the interaction between the receptor protein(s) isolated from helicoverpa armigera & the cry 1AC toxin coded by bacillus thuringiensis through biochemical & bioinformatic approach	DBT-R&D	Sharma,H.C., Dr. (M) Principal Scientist International Crops Research Institute for the Semi-Arid Tropics Department of Entomology Patancheru - 502 324 Andhra Pradesh	14.09	36
512	RFP - Study of the interaction between the receptor protein(s) isolated from helicoverpa armigera & the cry 1AC toxin coded by bacillus thuringiensis through biochemical & bioinformatic approach	DBT-R&D	Das,S., Dr. (F) Reader Bose Institute Department of Plant Mol. & Cell. Genetics Kolkata - 700 054 West Bengal	17.99	36
513	RNA interference - medicated silencing of antimicrobial genes on the pathogenic effect of Salmonella Typhi on vitamin transport of Caenorhabditis elegans	DBT-R&D	Balamurugan,K., Dr. (M) Reader Alagappa University Department of Biotechnology Karaikudi - 630 003 Tamil Nadu	24.94	36
514	RNA Silencing as a tool for exploring gene function in the rice blast fungus magnaporthe grisea	DBT-R&D	Chattoo,B.B., Dr. (M) Professor & Co-ordinator M.S. University of Baroda Dept. of Microbio. & Biotech. Programme Vadodara - 390 002 Gujarat	103.20	60
515	RNAi technology for qualitative improvement of Capsicum sp. with reference to pungency	DBT-R&D	Ravishankar,G.A., Dr. (M) Scientist F & Head Central Food Technological Research Institute Department of Plant Cell Biotech. Mysore - 570 013 Karnataka	57.68	36
516	Role of cyclin dependent kinases in neuronal apoptosis	DBT-R&D	Sharma,P., Dr. (M) Staff Scientist V National Institute of Immunology Kukaryotic Gene Expression Laboratory New Delhi - 110 067 Delhi	48.38	36
517	Role of histone methyltransferase CLR4 in RNAi - Mediated heterochromatinization & exploiting CLR4 for efficacious targeting of SIRNA	DBT-R&D	Singh,J., Dr. (M) Scientist F Institute of Microbial Technology Department of Yeast Dev. Genetics Chandigarh - 160 036 Chandigarh	82.43	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
518	Scaling up of marine bacterial enzymes for deinking of office waste papers	DBT-R&D	Mohandass,C., Dr. (M) Scientist National Institute of Oceanography Biological Oceanography Division Dona Paula - 403 004 Goa	25.53	36
519	Screening for bio-molecules from microbial diversity collected from different ecological Niches	DBT-R&D	Nair,S., Dr. (F) Principal Scientist M.S. Swaminathan Research Foundation Department of Biotech Chennai - 600 113 Tamil Nadu	101.90	36
520	Screening for bio-molecules from microbial diversity collected from different ecological niches	DBT-R&D	Purohit,H.J., Dr. (M) Scientist EI National Environmental Engineering Research Institute Environmental Biotechnology Division Nagpur - 440 020 Maharashtra	2609.52	36
521	Screening of Biotechnologically useful enzymes in Halophiles/ Haloalkaliphiles from coastal areas of Gujarat : Molecular & functional characterization for industrial application	DBT-R&D	Kapoor,S., Dr. (M) Reader Delhi University Department of Plant Molecular Biology New Delhi - 110 021 Delhi	33.32	48
522	Signal transduction components in guard cells during stomatal closure induced by abscisic acid or methyl Jasmonate	DBT-R&D	Raghavendra,A.S., Dr. (M) Professor & Dean Hyderabad University School of Life Sciences Hyderabad - 500 046 Andhra Pradesh	41.94	36
523	Single stage process for preparation & finishing of cotton fabrics using enzymes	DBT-R&D	Saravanan,D., Mr. (M) Senior Lecturer Bannari Amman Institute of Technology Department of Textile Technology Erode - 638 401 Tamil Nadu	5.20	18
524	Status of amphistomiasis & molecular taxonomy of amphistome parasite (Platyhelminthes: Trematoda) in mammalian livestock in the Northeast India	DBT-R&D	Tandon,V., Mrs. (F) Professor North-Eastern Hill University Department of Zoology, Parasitology Lab. Shillong - 793 022 Meghalaya	25.89	36
525	Strategy for developing recombinant environmental libraries for antibiotics	DBT-R&D	Annapurna,K., Dr. (F) Senior Scientist Indian Agricultural Research Institute Division of Microbiology, Pusa New Delhi - 110 012 Delhi	40.18	36
526	Structural - based in silico screening of inhibitors against malaria parasite proteins essential for merozoite invasion into erythrocytes	DBT-R&D	Sharma,A., Dr. (M) Research Scientist International Centre for Genetic Engineering & Biotechnology Department of Malaria Group New Delhi - 110 067 Delhi	31.50	36
527	Structural & functional studies of metal Ion transporting P-Type atpases of mycobacteria	DBT-R&D	Arulandu,A., Dr. (M) Staff Research Scientist International Centre for Genetic Engineering & Biotechnology Structural & Computational Biology Group New Delhi - 110 067 Delhi	17.36	36
528	Structural characterization of Aspartate-Beta-Semialdehyde Dehydrogenase of mycobacterium tuberculosis H37RV	DBT-R&D	Subramanian,K., Dr. (M) Scientist E Institute of Microbial Technology Protein Science & Engineering Lab. Chandigarh - 160 036 Chandigarh	28.47	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
529	Structural studies on degradation determinant signals of ornithine decarboxylase & redesigning of ornithine decarboxylase for efficient targeted protein degradation	DBT-R&D	Prabha,C.R., Dr. (F) Senior Lecturer M.S. University of Baroda Department of Biochemistry Vadodara - 390 002 Gujarat	38.71	36
530	Structure & functional study of a multidrug ABC transporter of the human fungal pathogen candida albicans	DBT-R&D	Prasad,R., Dr. (M) Professor Jawaharlal Nehru University School of Life Science New Delhi - 110 067 Delhi	50.00	36
531	Structure function relationship in lupin leghemoglobin pertinent to a new, ubiquitous class of heme proteins with yet unknown physiological function	DBT-R&D	Kundu,S., Dr. (M) Reader Delhi University Department of Biochemistry New Delhi - 110 021 Delhi	75.27	36
532	Studies on ecotoxicology of engineered nanoparticles in selected marine organisms	DBT-R&D	Rajashree,S.R.R., Dr. (F) Scientist Sathyabama Institute of Science & Technology Centre for Ocean Research Chennai - 600 119 Tamil Nadu	16.40	24
533	Studies on expression of brassinosteroids under heavy metals stress in brassica juncea during development	DBT-R&D	Bhardwaj,R., Dr. (F) Reader Guru Nanak Dev University Department of Environment Amritsar - 143 005 Punjab	49.50	36
534	Studies on fermentative production of gellan gum by recombinant sphingomonas paucimobilis strain: Characterization & application in sustained drug delivery systems	DBT-R&D	Santhiagu,A., Dr. (M) Assistant Professor Kalasalingam University Department of Biotechnology Krishnakoil - 626 190 Tamil Nadu	21.98	36
535	Studies on fish biodiversity & aquatic environment of the Kenbetwa river: An assessment prior to river Inter-Linking of conservation of Aquatic biosources	DBT-R&D	Lakra,W.S., Dr. (M) Director National Bureau of Fish Genetic Resources Dept. of Fish Genetics & Biotechnology Lucknow - 226 002 Uttar Pradesh	29.96	36
536	Studies on population ecology & micropropagation techniques of selected endemic & threatened plants of Peninsular India	DBT-R&D	Viswanathan,M.B., Dr. (M) Professor Bharathidasan University Department of Plant Science Tiruchirappalli - 624 024 Tamil Nadu	84.13	60
537	Study of homologous recombination as putative mechanism for antigenic variation in human malaria parasite	DBT-R&D	Bhattacharyya,M.K., Dr. (M) Reader Hyderabad University Department of Biochemistry Hyderabad - 500 046 Andhra Pradesh	24.17	36
538	Study of inflammatory cytokine profiles in Mycobacterium Tuberculosis HV co-infected patients	DBT-R&D	Banerjee,S., Dr. (F) Lecturer Hyderabad University Department of Biochemistry Hyderabad - 500 046 Andhra Pradesh	24.44	36
539	Study of STAT6 transcription factor in apoptosis regulation using RNAi technology	DBT-R&D	Saini,N., Dr. (F) Scientist Institute of Genomics & Integrative Biology Functional Genomics Unit Delhi - 110 007 Delhi	20.77	36
540	Sub -100 NM patterning of biomolecules on silicon for the next generation chip	DBT-R&D	Kumaran,S., Dr. (M) Lecturer Periyar Maniammai University Department of Biotechnology Thanjavur - 613 403 Tamil Nadu	70.04	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
✓ 541	Synthesis & application of Biopolymer /Biodegradable polymer nanocomposites as multifunctional materials	DBT-R&D	Manorama,S.V., Dr. (F) Scientist E1 Indian Institute of Chemical Technology Inorganic & Physical Chemistry Division Hyderabad - 500 007 Andhra Pradesh	93.08	36
542	Synthesis biochemical & thermodynamic studies of lipopolysaccharide oligosaccharides of mycobacterium tuberculosis & their structural variants	DBT-R&D	Jayaraman,N., Dr. (M) Associate Professor Indian Institute of Science Department of Organic Chemistry Bengalooru - 560 012 Karnataka	35.17	36
543	Technological improvement of a process of biological reduction of AOX, colour, COD & BOD of waste water emanated from lare pulp & paper industries	DBT-R&D	Kumar,R., Dr. (F) Scientist E II Institute of Genomics & Integrative Biology Department of Environment Biotechnology Delhi - 110 007 Delhi	26.70	24
544	Technological improvement of a process of biological reduction of AOX, colour, COD & BOD of waste water emanated from lare pulp & paper industries	DBT-R&D	Mathur,R.M., Dr. (M) Scientist E I Central Pulp & Paper Research Institute Energy Management & Biotechnology Saharanpur - 247 001 Uttar Pradesh	20.28	24
545	The immunological & molecular studies in tuberculosis patients to understand the high prevalence of the disease in younger age groups	DBT-R&D	Sumanlatha,G., Dr. (F) Scientist Bhagwan Mahavir Medical Research Centre Department of Immunology Hyderabad - 500 004 Andhra Pradesh	6.25	36
546	Therapeutic role of specific CD4/CD8 T cell responses during sequential therapy using telbivudine followed by Peg-Interferon to monotherapy with Peg- Interferon in chronic hepatitis B patients	DBT-R&D	Pati,N.T., Dr. (F) Sr. Researcher Officer G.B. Pant Hospital Department of Gastroenterology New Delhi - 110 002 Delhi	19.90	36
547	To develop an indigenous bite force measuring appliance & to tested in patients with different clinical situations	DBT-R&D	Jain,V., Dr. (F) Assistant Professor All India Institute of Medical Sciences Department of Prosthodontics New Delhi - 110 029 Delhi	7.82	24
548	To study the interaction between auxin & sugar signal transduction pathway in model plant system arabidopsis thaliana	DBT-R&D	Laxmi,A., Dr. (F) Staff Scientist II National Centre for Plant Genome Research New Delhi - 110 067 Delhi	28.94	36
✓ 549	Toxicological studies of newly developed nanomaterials of medical importance using in Vivo & in Vitro model systems	DBT-R&D	Grover,P., Dr. (F) Assistant Director Indian Institute of Chemical Technology Department of Toxicology Unit, Biology Division Hyderabad - 500 007 Andhra Pradesh	92.12	36
550	Transcriptomic profiling & structured modeling of recombinant E.Coli high cell density culture for the design of improved host strains	DBT-R&D	Mukherjee,K.J., Dr. (M) Assistant Professor Jawaharlal Nehru University Centre for Biotechnology New Delhi - 110 067 Delhi	40.23	36
551	Understanding the mechanism of Mitotic / Spindle checkpoint using genetics approaches in fission yeast schizosacchomyces pombe	DBT-R&D	Ahmed,S., Dr. (M) Scientist C Central Drug Research Institute Dept. of Molecular & Structural Biology Lucknow - 226 001 Uttar Pradesh	30.00	36
552	UOH-DBT Centre for research & education in modern biology & biotechnology	DBT-R&D	Hasnain,S.E., Dr. (M) Vice Chancellor Hyderabad University Department of Tuberculosis Hyderabad - 500 046 Andhra Pradesh	2656.80	60

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
553	Validation of Carnation varieties & molecular genetic analysis in Rose & Carnation	DBT-R&D	Tejaswini, Dr. (F) Scientist Indian Institute of Horticulture Research Division of Ornamental Crops Bengalooru - 560 089 Karnataka	26.88	36
554	Validation of RNAi constructs for restoration of fertility in male sterile transgenic tobacco plants as a prelude to their utilization in Safflower (<i>Carthamus Tinctorius</i> L.)	DBT-R&D	Kumar,V.D., Dr. (M) Senior Scientist Directorate of Oilseeds Research Department of Crop Improvement Hyderabad - 500 030 Andhra Pradesh	62.43	36
555	Biological Control of Subterranean Termites with Soil Bacteria for Agricultural & Defence Establishments	DRDO-GIA	Sandhu,S.S., Dr. (M) Professor Ch. Charan Singh Haryana Agricultural University Department of Microbiology Hisar - 125 004 Haryana	14.29	36
556	Influence of Nano Nutrients on Nitrogen Fixation & yield of Rice Crop	DRDO-GIA	Kannan,N., Dr. (M) Director K.S.Rangasamy College of Technology Tiruchengode - 637 215 Tamil Nadu	4.98	12
557	Isolation & Characterization of Low Molecular Weight Antimicrobial Substances from Lactic Acid Bacteria	DRDO-GIA	Jeevaratnam,K., Dr. (M) Professor Pondicherry University Dept. of Biochemistry & Molecular Biology Puducherry - 605 014 Puducherry	14.86	36
558	Cloning & expression of pyruvate decarboxylase & alcohol dehydrogenase genes into cellulolytic bacteria for cellulosic ethanol production	DRDO-LSRB	Vennisoni,S.J., Dr. (M) Anna University Department of Biotechnology Chennai - 600 025 Tamil Nadu	13.21	36
559	Continuous hydrogen production in a photo bioreactor using spent medium of dark fermentation process	DRDO-LSRB	Das,D., Prof. (M) Associate Professor Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	21.72	36
560	Cyanotoxins - investigation on potent toxins from Marine Cyanobacteria & their application	DRDO-LSRB	Sundaraman,M., Dr. (M) Reader Bharathidasan University National Facility for Marine Cyanobacteria Tiruchirappalli - 620 024 Tamil Nadu	27.20	36
561	Development of durable & high performance antimicrobial textiles using microencapsulated herbals	DRDO-LSRB	Thilgavathi,G., Dr. (F) P.S.G. College of Technology Department of Textile Technology Coimbatore - 641 004 Tamil Nadu	10.00	24
562	Development of SSR markers in Seabuckthorn (<i>Hippophae</i> sp)	DRDO-LSRB	Sharma,P.C., Dr. (M) Professor & Dean Guru Govind Singh Indraprastha University Delhi - 110 006 Delhi	30.12	36
563	Identification & characterization of an anti-mycobacterial agent	DRDO-LSRB	Sil,A.K., Dr. (M) Calcutta University Department of Microbiology Kolkata - 700 019 West Bengal	16.26	36
564	New bioactive molecules from bacteria associated with novel entomopathogenic nematodes	DRDO-LSRB	Mohandas,C., Dr. (M) Central Tuber Crops Research Institute Thiruvananthapuram - 695 017 Kerala	24.88	36
565	Study of Bunyavirus infection	DRDO-LSRB	Desai,G.S., Dr. (M) Scientist Indian Veterinary Research Institute High Security Animal Disease Laboratory Bhopal - 462 021 Madhya Pradesh	45.00	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
566	Virulence factors of pathogenic <i>Leptospira</i> : Purification & characterization of the leptospiral hemolysins	DRDO-LSRB	Sritharan,M., Dr. (F) Reader Hyderabad University Department of Animal Sciences Hyderabad - 500 046 Andhra Pradesh	8.82	36
567	Setting up of a National Bio-Safety Level 4 (BSL-4) facility for infectious Diseases caused by dangerous micro organisms	DST-DPRP	Singh,L., Dr. (M) Director Centre for Cellular & Molecular Biology Hyderabad - 500 007 Andhra Pradesh	6004.00	36
568	Biochemical & characterization of Mitogen Active Protein Kinases (MAPKs) from <i>Arabidopsis</i> & rice	DST-ID	Sinha,A.K., Dr. (M) National Centre for Plant Genome Research New Delhi - 110 067 Delhi	4.55	24
569	Biotechnological interventions for phytomanagement of mine spoils	DST-ID	Prasad,M.N.V., Prof. (M) Hyderabad University Department of Plant Science Hyderabad - 500 046 Andhra Pradesh	3.40	36
570	Clustering of GPI-anchored proteins in rafts model systems & in cell membrane from membrane bio-physics to cell biology	DST-ID	Mayor,S., Dr. (M) National Centre for Biological Sciences Bengalooru - 560 065 Karnataka	6.81	36
571	Comparative genomics of wild silkmooths	DST-ID	Nagaraju, Dr. (M) Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 075 Andhra Pradesh	2.32	24
572	Delineation of the cellular & molecular basis of trophoblast invasion: Implication in infertility & pre-eclampsia	DST-ID	Gupta,S.K., Dr. (M) Chief National Institute of Immunology Gamete Antigen Laboratory New Delhi - 110 067 Delhi	2.97	24
573	Functional properties bio-enhancing & release of bio-peptides from oilseed proteins & legumes	DST-ID	Kaul,P., Dr. (F) Scientist Central Food Technological Research Institute Department of Protein Chemistry & Technology Mysore - 570 020 Karnataka	7.70	36
574	Identification & functional characterization of genes responsible for metal (Al) tolerance wild & crop plants	DST-ID	Tripathi,B.N., Dr. (M) Banasthali Vidhyapeeth Banasthali - 304 022 Rajasthan	2.17	24
575	Imaging photosynthesis of micro propagated plants	DST-ID	Duttgupta,S., Dr. (M) Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	2.30	24
576	Inactivation of pathogenic bacteria in periodontal diseases fluorescence diagnostics & photodynamic therapy	DST-ID	Subhash,N., Dr. (M) Scientist F Kerala University Thiruvananthapuram - 695 581 Kerala	5.27	36
577	Isolation identification, synthesis & bio-efficacy of insect pheromones & kairomones as tools in Integrated Pest Management (IPM)	DST-ID	Yadav,J.S., Dr. (M) Director Indian Institute of Chemical Technology Hyderabad - 500 007 Andhra Pradesh	6.81	36
578	Molecular pathology in 'lafor' disease defining the cellular functions of laforin phosphatase	DST-ID	Ganesh,S., Dr. (M) Indian Institute of Technology (K) Kanpur - 208 016 Uttar Pradesh	3.22	24

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
579	Molecular screening isolation & characterization of conjugative plasmids from contaminated soils	DST-ID	Malik,A., Dr. (M) Aligarh Muslim University Department of Agricultural Microbiology Aligarh - 202 002 Uttar Pradesh	4.49	24
580	Production & structural characterization of thermostable ackatestable cellulose free xylanase & studies on strain improvement & process optimization	DST-ID	Bajaj,B.K., Dr. (M) Lecturer Jammu University Department of Biotechnology Jammu Tawi - 180 006 Jammu & Kashmir	4.94	24
581	Role of Dps in abiotic stress management in cyan bacteria	DST-ID	Rai,L.C., Prof. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	3.34	24
582	Role of light in amelioration of temperature stress	DST-ID	Tripathy,B.C., Dr. (M) Professor Jawaharlal Nehru University School of Life Science New Delhi - 110 067 Delhi	3.30	36
583	Structural re-organization of PSI-LHCI super complexes: Roles in high light & high temperature stress of plants	DST-ID	Rajagopal,S., Dr. (M) Hyderabad University Department of Biochemistry Hyderabad - 500 046 Andhra Pradesh	7.00	24
584	The fmf-1 gene of neurospora crassa exploring its ascus-dominant & heterokaryon-recessive mutant phenotype	DST-ID	Kasbekar,D.P., Dr. (M) Centre for Cellular & Molecular Biology Hyderabad - 500 007 Andhra Pradesh	2.45	36
585	Zebra fish skin development of TIFR	DST-ID	Sonawane,M., Dr. (M) Tata Institute of Fundamental Research Department of Biological Sciences Mumbai - 400 005 Maharashtra	28.50	36
586	National Facility for Culture Collection of Fungi at ARI, Pune	DST-IRHPA	Director, The Agarkar Research Institute Pune - 411 004 Maharashtra	392.40	60
587	A perpetual problem can diurnal changes in tissue Fe bring it to a solution	DST-SERC-FT	Pande,P., Dr. (F) Lucknow University Department of Botany Lucknow - 226 007 Uttar Pradesh	13.08	36
588	A study on the population dynamics & site fidelity of the olive ridley sea turtles (lepidochelys olivacea) at the rushilkulya rookery in Orissa coast of India	DST-SERC-FT	Tripathy,B., Dr. (M) Wildlife Institute of India Dehradun - 248 001 Uttarakhand	12.91	36
589	Biocatalytic polymers as active & stable materials for biofouling control	DST-SERC-FT	Dave,R.N., Dr. (F) Bhabha Atomic Research Centre Chemistry Group Mumbai - 400 085 Maharashtra	16.20	36
590	Biochemical analysis of rotifer species of family Brachionidae to be used as live feed	DST-SERC-FT	Kour,S., Dr. (F) Jammu University Department of Zoology Jammu - 180 004 Jammu & Kashmir	20.21	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
591	Biological approach for the degradation of coir industry wastes through saprophytic fungi	DST-SERC-FT	Murthy,G.P., Dr. (M) J.S.S. Academy of Technical Education P.G. Department of Studies in Biotechnology Mysore - 570 025 Karnataka	7.19	36
592	Biologically active antimicrobial secondary metabolites from endophytic fungi isolated from vegetable crops	DST-SERC-FT	Marwah,R.G., Dr. (F) Delhi University Department of Plant Microbiology New Delhi - 110 021 Delhi	18.30	36
593	Bioremediation of oily sludge contaminated soil using microbial surfactants	DST-SERC-FT	Pruthi,V., Dr. (M) Indian Institute of Technology (R) Department of Biotechnology Roorkee - 247 667 Uttarakhand	19.26	36
594	Calcium regulation of oil body biogenesis & mobilization in plants: Characterization of oil body - associated protein kinase-substrates	DST-SERC-FT	Anil,V.S., Dr. (F) National Centre for Biological Sciences Bengalooru - 560 065 Karnataka	12.96	36
595	Chemoprevention by plant polyphenols: Possible role of NF κ B, TNF α , IFN γ caspases?	DST-SERC-FT	Jahangir,T., Dr. (M) Jamia Hamdard Dept. of Medical Elementology & Toxicology New Delhi - 110 062 Delhi	11.88	36
596	Cloning & expression of G protein of Respiratory Syncytial Virus (RSV) in mammalian system & characterization of G protein	DST-SERC-FT	Parveen,S., Dr. (F) Jamia Millia Islamia Centre for Interdisciplinary Res. in Basic Sc. New Delhi - 110 025 Delhi	10.44	36
597	Cloning & sequence analysis of salinity tolerant gene from estuarine AM fungi	DST-SERC-FT	Selvaraj,T., Dr. (M) Manonmaniam Sundaranar University Centre for Marine Science & Technology Kanya Kumari - 629 502 Tamil Nadu	11.24	36
598	Conservation biotechnology of some RET & Economic ferns of India	DST-SERC-FT	Srivastava,R., Dr. (F) Lucknow University Department of Botany Lucknow - 226 007 Uttar Pradesh	12.02	36
599	Cultivation & conservation status of threatened medicinal herbs: An approach towards wasteland development/degraded slopes Kumaun Himalaya	DST-SERC-FT	Kharkwal,G., Dr. (F) Kumaun University Department of Botany Nainital - 263 002 Uttarakhand	14.24	36
600	Development of Phytochemical & Molecular markers & tissue culture studies on a medicinal plant <i>Adhatoda vasica</i>	DST-SERC-FT	Ahmad,S., Dr. (M) Jamia Hamdard Dept. of Pharmacognosy & Phytoch. New Delhi - 110 062 Delhi	9.62	36
601	Dietary essential amino acids requirement, optimum feeding rate & n-6 & n-3 fatty acids requirement of Indian catfish <i>Heteropneustes fossilis</i> with a view to develop nutritionally balanced feed for its intensive culture	DST-SERC-FT	Ahmed,I., Dr. (M) Kashmir University Department of Zoology Srinagar - 190 006 Jammu & Kashmir	17.00	36
602	Ecology & functional biodiversity of nematodes of Lotak Lake, a Ramsar site in Northeastern India	DST-SERC-FT	Mahamood,M., Dr. (M) Aligarh Muslim University Department of Zoology Aligarh - 202 002 Uttar Pradesh	17.36	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
603	Ecology & nematode diversity of Kaziranga National Park, Assam	DST-SERC-FT	Baniyamuhammad, M., Dr. (M) Aligarh Muslim University Nematode Biodiversity Res. Lab. Aligarh - 202 002 Uttar Pradesh	19.86	36
604	Effects of insect resistant BT - transgenic crops on arthropod biodiversity & beneficial natural enemies in the cotton ecosystems	DST-SERC-FT	Dhillon, M.K., Dr. (M) International Crops Research Institute for the Semi-Arid Tropics G.T. Biotechnology (Entomology) Patancheru - 502 324 Andhra Pradesh	12.96	36
605	Evaluation of protective effect of sesamol on UVB-radiation cellular changes in cultured skin fibroblasts	DST-SERC-FT	Prasad, N.R., Dr. (M) Annamalai University Department of Biochemistry & Biotechnology Annamalainagar - 608 002 Tamil Nadu	18.13	36
606	Evaluation of novel botanical formulations prepared from mangrove plant extracts against vegetable crop pests	DST-SERC-FT	Paulraj, M.G., Dr. (M) Loyola College Entomology Research Institute Chennai - 600 034 Tamil Nadu	11.10	36
607	Identification of light harvesting complex I proteins in Chlamydomonas reinhardtii by using peptide tag antibodies	DST-SERC-FT	Rajagopal, S., Dr. (M) Hyderabad University School of Life Sciences Hyderabad - 500 046 Andhra Pradesh	14.52	36
608	Improving seed yield, zinc density & nutritive quality of edible legumes through foliar application of Zn at early reproductive phase	DST-SERC-FT	Pathak, G.C., Dr. (M) Lucknow University Department of Botany Lucknow - 226 007 Uttar Pradesh	16.10	36
609	In Silico study of structure, function & evolution of the iron dependent regulators from mycobacteria & related species	DST-SERC-FT	Ranjan, S., Dr. (F) Blue Peter Research Centre LEPRA INDIA Hyderabad - 501 301 Andhra Pradesh	11.40	36
610	Influence of resource availability on ranging pattern in conspecific groups of free ranging lion-tailed macaques Macaca silenus	DST-SERC-FT	Kumara, H.N., Dr. (M) Indian Institute of Science Behaviour & Conservation Group Bengalooru - 560 012 Karnataka	15.04	36
611	Insecticidal & moulting inhibitory action of active principle isolated from Cuscuta reflexa, & its bio-insecticidal formulation for the management of mosquito vectors (Anopheles & Culex sp. Mosquito)	DST-SERC-FT	Rawat, P.S., Dr. (F) Dayal Bagh Educational Institute Department of Zoology Agra - 282 005 Uttar Pradesh	19.75	36
612	Investigation of antibiotic susceptibility patterns & resistance genes of Lactobacilli isolated from food	DST-SERC-FT	Mishra, V., Dr. (M) Mody Institute of Science & Technology Sikar - 332 311 Rajasthan	8.65	36
613	Isolation & characterization of metal accumulating bacteria capable of acting as a biofertilizer & reducing metal content of soil	DST-SERC-FT	Tripathi, M., Dr. (F) Chhatrapati Shahu Ji Maharaj University Kanpur - 208 024 Uttar Pradesh	15.16	36
614	Microbial technology for rhizoremediation of pollutant soil	DST-SERC-FT	Singh, J., Dr. (M) Jai Narain Vyas University Department of Botany Jodhpur - 342 001 Rajasthan	14.76	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
615	Modulation of hematopoietic stem cell homing/engraftment potential through gene engineering techniques	DST-SERC-FT	Singh,V.K., Dr. (M) Institute of Nuclear Medicine & Allied Sciences New Delhi - 110 054 Delhi	19.86	36
616	Molecular analysis of genetic diversity & in vitro approaches for conservation of two endangered medicinal plants	DST-SERC-FT	Faisal,M., Dr. (M) Aligarh Muslim University Department of Botany Aligarh - 202 002 Uttar Pradesh	16.42	36
617	Molecular characterization of keratinophilic fungi isolated from soils	DST-SERC-FT	Kaul,S., Dr. (M) Jammu University Department of Biotechnology Jammu - 180 006 Jammu & Kashmir	14.16	36
618	Molecular diagnosis of pollution impact on life history parameters in Earthworms	DST-SERC-FT	Gobi,M., Dr. (M) Madurai Kamaraj University School of Biological Sciences Madurai - 625 021 Tamil Nadu	12.96	36
619	Molecular mapping of fibre quality Trait QTL's & Marker Assisted Selection (MAS) in upland cotton (<i>Gossypium hirsutum</i> L.)	DST-SERC-FT	Waghmare,V.N., Dr. (M) Central Institute for Cotton Research Division of Crop Improvement Nagpur - 440 010 Maharashtra	18.60	36
620	Molecular modeling study of hypermodified nucleoside lysidine present at wobble position in anticodon loop of E.coli t RNA & its role in proper codon anticodon recognition	DST-SERC-FT	Sonawane,K.D., Dr. (M) Shivaji University Department of Biochemistry Kolhapur - 416 004 Maharashtra	18.32	36
621	Molecular, genetic & functional analysis of the chromosomal plasticity region of the gastric pathogen <i>Helicobacter pylori</i>	DST-SERC-FT	Alvi,A., Dr. (M) Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 076 Andhra Pradesh	12.00	36
622	Morphological & molecular systematics of important thrips (thysanoptera) species on horticultural crops in South India	DST-SERC-FT	Kumar,V., Dr. (M) Indian Institute of Horticulture Research Division of Entomology & Nematology Bengaluru - 560 089 Karnataka	19.27	36
623	Mycorrhizal technology for removal of heavy metal toxicity from soil	DST-SERC-FT	Bohra,S., Dr. (M) Jai Narain Vyas University Department of Botany Jodhpur - 342 001 Rajasthan	13.56	36
624	Preventive effect of (-) epicatechin on normal & isoproterenol infraction in wistar rats	DST-SERC-FT	Prince,P.S.M., Dr. (M) Annamalai University Department of Biochemistry & Biotechnology Annamalainagar - 608 002 Tamil Nadu	6.90	36
625	Role of UV-B absorbing Mycosporine like Amino Acids (MAAs), scytonemin & phenolic compounds (flavonoids) due to UV-B exposure in cyanobacteria with reference to over expression & function	DST-SERC-FT	Bhandari,R., Dr. (F) Goa University Department of Botany Talego Plateau - 403 206 Goa	15.88	36
626	Seed Production & juveniles generation of <i>Macrobrachium gangeticum</i> for small & medium scale hatchery	DST-SERC-FT	Prasad,S., Dr. (M) Bihar Veterinary College Patna - 800 014 Bihar	12.16	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
627	Status & ecology of spot-billed pelican pelecus philippenis in Karaivetti bird sanctuary, Tamil Nadu	DST-SERC-FT	Gokula,V., Dr. (M) National College Department of Zoology Tiruchirappalli - 620 001 Tamil Nadu	4.14	36
628	Stem cell survival enhancement through apoptosis regulator genes	DST-SERC-FT	Verma,Y.K., Dr. (M) Institute of Nuclear Medicine & Allied Sciences New Delhi - 110 054 Delhi	18.67	36
629	Structural & biophysical characterization cytochrome c,a major component of mitochondrial respiration from goat heart	DST-SERC-FT	Hassain,M.I., Dr. (M) Jamia Millia Islamia Centre for Interdisciplinary Res. in Basic Sc. New Delhi - 110 025 Delhi	17.24	36
630	Structural elucidation & exploitation of antimicrobial agents from plant origin against phytopathogens	DST-SERC-FT	Satish,S., Dr. (M) Mysore University Department of Studies in Microbiology Mysore - 570 006 Karnataka	13.02	36
631	Studies in ecology & biodiversity of the Nematodes of alpine & sub-Alpine zones of Himalayan range in Jammu & Kashmir, India	DST-SERC-FT	Shah,A.A., Dr. (M) Baba Ghulam Shah Badshah University Department of Zoology Rajouri - 185 131 Jammu & Kashmir	20.40	36
632	Studies on chromium induced responses in catharanthus roseus with special reference to its active constituents - vincristine & vinblastine	DST-SERC-FT	Rai,V., Dr. (F) Lucknow University Department of Botany Lucknow - 226 007 Uttar Pradesh	13.90	36
633	Studies on functional aspects of human telomeric RNA associated proteins in telomerase	DST-SERC-FT	Dabur,R., Dr. (M) Regional Research Institute Pune - 411 038 Maharashtra	16.78	36
634	Studies on synergistic effect of trichoderma on legume-rhizobium symbiosis & development of a mixed formulation of trichoderma & rhizobium	DST-SERC-FT	Singh,P.C., Dr. (F) National Botanical Research Institute Division of Plant Pathology Lucknow - 226 001 Uttar Pradesh	3.73	36
635	Studies on the natural microbial communities of the hot water springs of Utranchal State	DST-SERC-FT	Batra,N., Dr. (M) G.G.D.S.D. College Department of Biotechnology Chandigarh - 160 030 Chandigarh	10.14	36
636	Studies on the orphan estrogen-related receptor alpha expression during calorie restriction in mice	DST-SERC-FT	Ranhotra,H.S., Dr. (M) St. Edmund's College Department of Biochemistry Shillong - 793 003 Meghalaya	5.75	36
637	Systematic studies on the family gelechiidae (lepidoptera: Insecta) from North West Himalayan Ecosystem	DST-SERC-FT	Pathania,P.C., Dr. (M) Punjab Agricultural University Department of Entomology Ludhiana - 141 004 Punjab	15.80	36
638	The properties of protein hydration water & their connection to protein motions	DST-SERC-FT	Senapati,S., Dr. (M) Indian Institute of Technology (M) Department of Biotechnology Chennai - 600 036 Tamil Nadu	20.38	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address : Investigator/ Insitute	Cost (Rs.in Lakhs)	Duration (in Months)
639	Theoretical models to obtain long time & high temperture dynamics of ligand binding to heme proteins	DST-SERC-FT	Sastry,M., Dr. (F) Indian Institute of Chemical Technology Molecular Modeling Group Hyderabad - 500 007 Andhra Pradesh	19.40	36
640	Toll like receptor characterization in the male reproductive tract of rodents	DST-SERC-FT	Yenugu,S., Dr. (M) Hyderabad University Department of Animal Sciences Hyderabad - 500 046 Andhra Pradesh	8.26	36
641	Toxic effects of plant origin pesticides on non-target aqualic organism	DST-SERC-FT	Singh,S.K., Dr. (M) Deendayal Upadhyia University of Gorakhpur Department of Zoology Gorakhpur - 273 009 Uttar Pradesh	12.06	36
642	Transformation for abiotic stress tolerance through Gly I gene in Ammi majus for enhancement of xanthotoxin	DST-SERC-FT	Kumar,S., Dr. (M) Amity Institute of Biotechnology Noida - 201 301 Uttar Pradesh	9.12	36
643	Variation of ground orchid species richness & abundance along elevation gradient in Nainital, Kumaon Himalaya	DST-SERC-FT	Jala,J.S., Dr. (M) Wildlife Institute of India Department of Wild Life Habitat Ecology Dehradun - 248 001 Uttarakhand	13.52	36
644	Virtual screening of chemical libraries with the key cysteine biosynthetic pathway enzymes in entamoeba histolytica for novel inhibitor identification	DST-SERC-FT	Agrawal,S.M., Dr. (M) Jawaharlal Nehru University Centre for Computational Biology & Bioinformatics New Delhi - 110 067 Delhi	15.84	36
645	Biosequestration & bio-impregnation of heavy metals leading to nanomaterials synthesis & decontamination of Indiiustrial effluent	DST-SERC-NSTI	Bhaduria,S., Dr. (F) Raja Balwant Singh College Department of Botany Agra - 282 002 Uttar Pradesh	42.81	36
646	Biosequestration & bio-impregnation of heavy metals leading to nanomaterials synthesis & decontamination of Indiiustrial effluent	DST-SERC-NSTI	Singh,S.P., Dr. (M) National Physical Laboratory Biomol. Electro. & Conducting Polymer Group New Delhi - 110 012 Delhi	6.18	36
647	Establishing Centre for Nanotechnology (Nanoparticles, Nanosensors & Nanodrug delivery) at Madurai Kamaraj University	DST-SERC-NSTI	Shanmugasundaram,S., Prof. (M) Madurai Kamaraj University School of Biological Sciences Madurai - 625 021 Tamil Nadu	227.10	36
648	Fate of nanomaterials inbiological systems	DST-SERC-NSTI	Dhawan,A., Dr. (M) Industrial Toxicology Research Centre Lucknow - 226 001 Uttar Pradesh	28.16	36
649	A study of 16S rDNA enzymes, microbes & animals as model systems from their possible usage as Bio-indicators & biomarkers of soil health	DST-SERC-SC	Singh,D.K., Dr. (M) Delhi University Department of Zoology Delhi - 110 007 Delhi	23.84	36
650	A study of bi-directional communication between Leyding & immune cells in the testis of wall lizard, Hemidactylus flaviviridis	DST-SERC-SC	Rai,U., Dr. (M) Delhi University Department of Zoology Delhi - 110 007 Delhi	23.79	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
651	A study on host - parasitoid interactions with special reference to Uzi fly (Diptera: Tachinidae) & Antheraea Assama (Lepidoptera: Saturniidae)	DST-SERC-SC	Sen,A., Dr. (M) National Chemical Laboratory Department of Organic Chemistry Pune - 411 008 Maharashtra	4.95	36
652	A study on host - parasitoid interactions with special reference to Uzi fly (Diptera: Tachinidae) & Antheraea Assama (Lepidoptera: Saturniidae) *	DST-SERC-SC	Bora,D., Dr. (F) Dibrugarh University Department of Life Sciences Dibrugarh - 786 004 Assam	20.34	36
653	A study to characterize Novel function of RAG complex as a structure specific nuclease	DST-SERC-SC	Raghavan,S.C., Dr. (M) Indian Institute of Science Department of Biochemistry Bengalooru - 560 012 Karnataka	39.49	36
654	Accumulation of membrane proteins in cell cytoplasm induces heat shock response in Escherichia coli - to Investigate the mechanism behind the phenomenon	DST-SERC-SC	Basu,T., Dr. (M) Kalyani University Department of Biophysics Kalyani - 741 235 West Bengal	21.69	36
655	Acoustic communication in the Indian Chat Cercomela fusca & the pied bush chat saxicola caprata: Characterization & behavioural correlates of songs & calls	DST-SERC-SC	Bhatt,D., Dr. (M) Gurukula Kangri Vishwavidyalaya Dept. of Zoology & Environment Sc. Haridwar - 249 404 Uttarakhand	19.21	36
656	Action of bentazone & other post emergence herbicides on photosystem II structure & function in a cyanobacterium, synechococcus sp. PCC 7942	DST-SERC-SC	Bagchi,S.N., Dr. (M) Rani Durgavati Vishwavidyalaya Department of Biological Sciences Jabalpur - 482 001 Madhya Pradesh	19.25	36
657	An ecological study of complex life cycle parasites of wild mammalian carnivorous	DST-SERC-SC	Wathe,M.G., Dr. (M) Abasaheb Garware College Department of Microbiology Pune - 411 004 Maharashtra	21.45	36
658	An investigation of the role of retinoic acid signaling in development of the hippocampus	DST-SERC-SC	Sen,J., Dr. (M) Indian Institute of Technology (K) Dept. of Biological Sciences & Bioengg. Kanpur - 208 016 Uttar Pradesh	23.79	36
659	An investigation on the role of tumor induced expression of hsp 70/hsp 70 peptide complexes in activation of macrophage function & regression of tumor	DST-SERC-SC	Acharya,A., Dr. (M) Banaras Hindu University Department of Zoology Varanasi - 221 005 Uttar Pradesh	14.52	36
660	Analysis of invasion success of Mikania Micrantha	DST-SERC-SC	Singh,I., Dr. (M) Centre for Environmental Management of Degraded Ecosystem Delhi - 110 007 Delhi	18.91	36
661	Aproteomic approach to identify the proteins involved in invitro differentiation of Vigna radiata	DST-SERC-SC	Pal,A., Prof. (F) Bose Institute Department of Plant Molecular Kolkata - 700 054 West Bengal	32.28	36
662	Assessment of genetic diversity in colletotrichum capsici using molecular markers & evaluation of resistance in capsicum	DST-SERC-SC	Sharma,P.N., Dr. (M) Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Department of Plant Pathology Palampur - 176 062 Himachal Pradesh	17.98	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
663	Assessment of Molecular diversity & Phylogeny of Heterocystous Cyanobacteriabased DNA Polymorphism	DST-SERC-SC	Mishra,A.K., Dr. (M) Banaras Hindu University Department of Botany Varanasi - 221 005 Uttar Pradesh	20.83	36
664	Behavioural ecology of the Rock Lizard, <i>Psammophilus dorsalis</i>	DST-SERC-SC	Saidapur,S.K., Prof. (M) Karnatak University Department of Zoology Dharwad - 580 003 Karnataka	11.97	36
665	Biochemical & biophysical characterization of levansucrase secreted by <i>Acetobacter Nitrogenifigens</i>	DST-SERC-SC	Gachhui,R., Dr. (M) Jadavpur University Dept. of Biotechnology & Life Sciences Kolkata - 700 032 West Bengal	24.00	36
666	Biochemical mechanisms of the regulation of Ca ²⁺ dynamics in microsomes of pulmonary artery smooth muscle cells under Thrombosane stimulation	DST-SERC-SC	Chakraborti,S., Dr. (M) Kalyani University Department of Biochemistry & Biophysics Kalyani - 741 235 West Bengal	41.40	36
667	Biodegradation of textile dyes (Golden yellow HE2R & Navy Blue 3G using <i>Brevibacillus Laterosporus</i>	DST-SERC-SC	Govindwar,S.P., Prof. (M) Shivaji University Department of Biochemistry Kolhapur - 416 004 Maharashtra	19.65	36
668	Biodiversity of subterranean groundaters of India, with special reference to Copepoda & Bathynellacea (Crustacea)	DST-SERC-SC	Reddy,Y.R., Dr. (M) Nagarjuna University Guntur - 522 510 Andhra Pradesh	29.23	36
669	Biological Control of Fusarium Wilt of Pigeon Pea (<i>Cajanus Cajan</i>) by Rhizospheric Betrial Soil Isolates: An Integrated Disease Management (IDM) Approach	DST-SERC-SC	Singh,V.P., Dr. (M) Delhi University Department of Botany Delhi - 110 007 Delhi	16.15	36
670	Biosystematics & molecular characterization of indigenous entomopathogenic nematode biodiversity	DST-SERC-SC	Ganguly,S., Dr. (F) Indian Agricultural Research Institute Division of Nematology New Delhi - 110 012 Delhi	26.88	36
671	Cell - specific DNA targeting by multidomain fusion proteins	DST-SERC-SC	Gopal,V., Dr. (F) Centre for Cellular & Molecular Biology Hyderabad - 500 007 Andhra Pradesh	32.76	36
672	Centre for sleep studies	DST-SERC-SC	Mallick,B.N., Dr. (M) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	178.07	36
673	Characterization of a hypothetical Nickel - Cobalt transporter gene in <i>neurospora crassa</i>	DST-SERC-SC	Mohan,P.M., Dr. (M) Osmania University Department of Biochemistry Hyderabad - 500 007 Andhra Pradesh	21.85	36
674	Characterization of DNA recombination & repair functions of Topoisomerase II Isoforms & Novel DNA - Polymerase(s) in neurons	DST-SERC-SC	Kondapi,A.K., Prof. (M) Hyderabad University Centre for Biotechnology Hyderabad - 500 046 Andhra Pradesh	24.00	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Insitute	Cost (Rs.in Lakhs)	Duration (in Months)
675	Characterization of factors required for determining centromere identity using human pathogenic yeast <i>Candida albicans</i> as a model system	DST-SERC-SC	Sanyal,K., Dr. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Dept. of Mol. Biology & Genetics Unit Bengalooru - 560 064 Karnataka	21.04	36
676	Cloning, characterization & expression of drought stress responsive genes from horsegram (<i>Macrotyloma Uniflorum</i> Lam. Verdc.) a dryland legume grain crop	DST-SERC-SC	Sudhakar,C., Dr. (M) Sri Krishnadevaraya University Department of Biotechnology Anantapur - 515 003 Andhra Pradesh	13.84	36
677	Collection & evaluation of Germplasm of <i>Mucuna</i> species of India	DST-SERC-SC	Satyanarayana,N., Dr. (M) Sir M. Visvesvaraya Institute of Technology Department of Biotechnology Bengalooru - 562 157 Karnataka	13.69	36
678	Construction of genotypes with new floricultural phenotypes in periwinkle <i>Catharanthus roseus</i>	DST-SERC-SC	Kumar,S., Prof. (M) National Institute for Plant Biodiversity Conversation & Research New Delhi - 110 067 Delhi	18.11	36
679	Control of fungal contamination of raw materials of some medicinal plants by higher plant products	DST-SERC-SC	Dubey,N.K., Prof. (M) Banaras Hindu University Department of Botany Varanasi - 221 005 Uttar Pradesh	14.66	36
680	Decaffeinated Tea: Through gene silencing	DST-SERC-SC	Das,S., Dr. (M) Tea Research Association Department of Biotechnology Jorhat - 785 008 Assam	18.08	36
681	Design, Study of DREB & MYC/MYB transcription factors from <i>Salicornia brachiata</i> for abiotic stress tolerance in plants	DST-SERC-SC	Reddy,M.K., Dr. (M) International Centre for Genetic Engineering & Biotechnology New Delhi - 110 067 Delhi	7.42	36
682	Design, Study of DREB & MYC/MYB transcription factors from <i>Salicornia brachiata</i> for abiotic stress tolerance in plants*	DST-SERC-SC	Agarwal,P.K., Dr. (M) Central Salt & Marine Chemicals Research Institute Bhavnagar - 364 002 Gujarat	12.18	36
683	Detection of PAX6 interacting Proteins	DST-SERC-SC	Mishra,R., Dr. (M) Banaras Hindu University Department of Zoology Varanasi - 221 005 Uttar Pradesh	24.00	36
684	Development of nucleic acid based diagnosis of fungicide tolerant & integrated disease management of <i>colletotrichum gloeosporioides</i> Penz. Causing mango anthracnose	DST-SERC-SC	Reddy,N.P., Dr. (M) Sri Venkateswara Agricultural College Department of Plant Pathology Tirupati - 517 502 Andhra Pradesh	19.50	36
685	Diversity of spiders in Nanda Devi Biosphere Reserve	DST-SERC-SC	Uniyal,V.P., Dr. (M) Wildlife Institute of India Dehradun - 248 001 Uttarakhand	20.57	36
686	Do Phosphates Dictate the Inter cellular rendezvous for CD 40 signals ?	DST-SERC-SC	Saha,B., Dr. (M) National Centre for Cell Sciences Pune - 411 007 Maharashtra	22.90	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
687	Ecology & adaptive radiations of some endangered reptiles & amphibians	DST-SERC-SC	Sharma,K.K., Dr. (M) Maharishi Dayanand Saraswati University Department of Zoology Ajmer - 305 009 Rajasthan	16.19	36
688	Efficacy of some plants extracts against preadult Vector mosquitoes: Isolation, characterization & field evaluation of active ingredients	DST-SERC-SC	Chandra,G., Dr. (M) Burdwan University Department of Zoology Burdwan - 713 104 West Bengal	18.29	36
689	Elucidating the role of Progesterone in Cervical ripening using rat model	DST-SERC-SC	Savardekar,L., Dr. (F) National Institute for Research in Reproductive Health Division of Clinical Research Mumbai - 400 012 Maharashtra	22.60	36
690	Elucidation of Biochemical Mechanism of Floret Specificity to Karnal bunt (Tilletia Indica) Pathogen of Wheat	DST-SERC-SC	Kumar,A., Dr. (M) G.B. Pant University of Agriculture & Technology Molecular Biology & Genetics Unit Pantnagar - 263 145 Uttarakhand	22.73	36
691	Engineering of Beta - glucosidases for improved yield of glycoconjugates	DST-SERC-SC	Vijayalakshmi,M., Prof. (F) Vellore Institute of Technology Centre for Bioseparation Technology Vellore - 632 104 Tamil Nadu	9.72	36
692	Engineering of Beta - glucosidases for improved yield of glycoconjugates*	DST-SERC-SC	Mishra,S., Prof. (M) Indian Institute of Technology (D) Dept. of Biochemical Engg. & Biotech. New Delhi - 110 016 Delhi	14.20	36
693	Enhance biodegradation of polypropylene using biosurfactants	DST-SERC-SC	Doble,M., Prof. (M) Indian Institute of Technology (M) Department of Biotechnology Chennai - 600 036 Tamil Nadu	31.85	36
694	Exploring the major salinity stress associated QTL, Saltol in Oryza sativa L. for searching novel candidate genes	DST-SERC-SC	Pareek,A., Dr. (M) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	36.98	36
695	Exploring the structure - activity relationship of basic polypeptides from elapid snake venom	DST-SERC-SC	Jayaraman,G., Dr. (M) Vellore Institute of Technology Vellore - 632 014 Tamil Nadu	15.41	36
696	Fine mapping of fertility restorer genes for WA-CMS system of rice & its application for identification of restorers	DST-SERC-SC	Neeraja,C.N., Dr. (F) Directorate of Rice Research Department of Biotechnology Hyderabad - 500 030 Andhra Pradesh	22.80	36
697	Free Radical scavenger & antioxidant activities of selected North Western Himalaya medicinal plants	DST-SERC-SC	Guleria,S., Dr. (M) Sher-e-Kashmir University of Agriculture & Technology Division of Biochemistry & Plant Physiology Jammu - 180 009 Jammu & Kashmir	20.88	36
698	Functional characterization of soluble penicillin binding protein 6 of Escherichia coli	DST-SERC-SC	Ghosh,A.S., Dr. (M) Indian Institute of Technology (Kh) Department of Biochemistry Kharagpur - 721 302 West Bengal	21.38	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
699	Genetic characterization of Tunas using DNA markers	DST-SERC-SC	Menezes,M.R., Dr. (F) National Institute of Oceanography Department of Biological Oceanography Dona Paula - 403 004 Goa	20.00	36
700	Genetic transformation of <i>Dunaliella Bardawil</i> with Astaxanthin biosynthetic genes from <i>Haematococcus pluvialis</i>	DST-SERC-SC	Sarada,R., Dr. (F) Central Food Technological Research Institute Department of Plant Cell Biotechnology Mysore - 570 013 Karnataka	20.78	36
701	Genetic transformation of Ginger to improve fungal resistance against <i>Pythium Aphanidermatum</i>	DST-SERC-SC	Soniya,E.V., Dr. (F) Rajiv Gandhi Centre for Biotechnology Department of Plant Molecular Biology Thiruvananthapuram - 695 014 Kerala	20.25	36
702	Genetic transformation of Ginger to improve fungal resistance against <i>Pythium Aphanidermatum</i> *	DST-SERC-SC	Reddy,V.S., Dr. (M) International Centre for Genetic Engineering & Biotechnology New Delhi - 110 067 Delhi	17.71	36
703	Identification & characterization of anti-angiogenic principle from amphibian skin & its implication in pathological conditions	DST-SERC-SC	Sai,K.P., Dr. (F) Central Leather Research Institute Department of Biomaterials Chennai - 600 020 Tamil Nadu	17.82	36
704	Identification & characterization of cellular substrates for laforin phosphates, the protein defective in Lafora's progressive Myoclonus Epilepsy	DST-SERC-SC	Ganesh,S., Dr. (M) Indian Institute of Technology (K) Dept. of Biological Sciences & Bioengg. Kanpur - 208 016 Uttar Pradesh	22.74	36
705	Identification & characterization of interacting Host Factors modulating n geminivir (MYMIV) Rep.s Helicase activity	DST-SERC-SC	Roy,N., Dr. (M) International Centre for Genetic Engineering & Biotechnology Department of Plant Molecular Biology New Delhi - 110 067 Delhi	25.30	36
706	Identification & cloning of miRNA that are dis-regulated under biotic & abiotic stress in rice	DST-SERC-SC	Mishra,N.S., Dr. (F) International Centre for Genetic Engineering & Biotechnology Department of Plant Molecular Biology New Delhi - 110 067 Delhi	21.00	36
707	Identification & functional characterization of BMP target genes in Osteogenesis	DST-SERC-SC	Bandyopadhyaya,A., Dr. (F) Indian Institute of Technology (K) Dept. of Biological Sc. & Bioengg. Kanpur - 208 016 Uttar Pradesh	22.86	36
708	Identification & regulation of the key gene involved in bixin biosynthetic pathway through differential expression analysis in <i>Bixa Orellana</i> L	DST-SERC-SC	Parvatam,G., Dr. (M) Central Food Technological Research Institute Department of Plant Cell Biotechnology Mysore - 570 013 Karnataka	20.21	36
709	Identification of ovule/embryo sac-specific promoters & their validation in transgenic <i>Cenchrus</i>	DST-SERC-SC	Bhat,V., Dr. (M) Delhi University Department of Botany Delhi - 110 007 Delhi	25.62	36
710	Implication of Nitric oxide in Hyperammonemic Neurotoxicity	DST-SERC-SC	Trigun,S.K., Dr. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	29.55	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
711	Importance of CART - Peptide in learning & memory traces, reward & reinforcement & hypophyseal regulation in rodents	DST-SERC-SC	Subhedar,N.K., Prof. (M) R.T.M. Nagpur University Department of Pharmaceutical Sciences Nagpur - 440 001 Maharashtra	32.52	36
712	Improvement of Malbhog a commercially important indigenous Bababa of Assam through mutation induction	DST-SERC-SC	Sinha,S.K., Dr. (M) The Energy Resources Institute Environment & Industrial Biotech. Div. Guwahati - 781 036 Assam	18.68	36
713	Improvement of technology on bioformulation of Beauveria Bassiana for rice pests management in Assam	DST-SERC-SC	Puzari,K.C., Dr. (M) Assam Agricultural University Plant Pathology, Mycology Research Section Jorhat - 785 013 Assam	17.21	36
714	Inner Residue interactions in Protein Structure, folding & stability	DST-SERC-SC	Selvaraj,S., Dr. (M) Bharathidasan University Department of Bioinformatics Tiruchirappalli - 620 024 Tamil Nadu	18.23	36
715	Intradomain interactions of the heterobivalent response regulator Mycobacterium Tuberculosis phop: Insights into the conformational dynamics of a transcription factor in regulating transcription	DST-SERC-SC	Sarkar,D., Dr. (M) Institute of Microbial Technology Dept. of Bioch. & Molecular Biology Chandigarh - 160 036 Chandigarh	21.54	36
716	Investigation of the bioactive molecules of medicinal values in Sanjeevani (Selaginella Bryopteris)	DST-SERC-SC	Sah,N.K., Dr. (M) Rajiv Gandhi Pradyogiki Vishwavidyalaya School of Biotechnology Bhopal - 462 036 Madhya Pradesh	23.37	36
717	Investigation of the gene expression & characterization of Nitric Oxide reductase of corynebacterium diphtheriae & study of its role in detoxification of nitric oxide	DST-SERC-SC	Deb,J.K., Dr. (M) Indian Institute of Technology (D) Dept. of Biochemical Engg. & Biotech. New Delhi - 110 016 Delhi	21.98	36
718	Investigation of the mechanisms of syndecan - I to determine its role in shear sensing in Endothelial cells	DST-SERC-SC	Rau,K.R., Dr. (M) National Centre for Biological Sciences Dept. of Bioch., Biophysics & Bioinform. Bengaluru - 560 065 Karnataka	20.64	36
719	Isolating characterizing & cloning suppressor mutations of the kinesin like C elegans motor UNC 104	DST-SERC-SC	Koushika,S.P., Dr. (F) National Centre for Biological Sciences Department of Neurobiology Bengaluru - 560 065 Karnataka	19.48	36
720	Isolation & characterization of heterotrimeric G - proteins (subunits: Alpha, Beta & Gamma) & G - Protein Coupled Receptor (GPCR) for Pisum Sativum: Study of their regulation under stress	DST-SERC-SC	Tuteja,N., Dr. (M) International Centre for Genetic Engineering & Biotechnology Department of Molecular Biology New Delhi - 110 067 Delhi	35.72	36
721	Isolation & characterization of Na ⁺ /H ⁺ antiporter genes (NHX 1) from Sorghum Bicolor L. & its expression in tomato for salt stress tolerance	DST-SERC-SC	Kishor,P.B.K., Dr. (M) Osmania University Department of Genetics Hyderabad - 500 007 Andhra Pradesh	19.01	36
722	Isolation & characterization of starch & protein from different legumes	DST-SERC-SC	Singh,N., Prof. (M) Guru Nanak Dev University Dept. of Food Science & Technology Amritsar - 143 005 Punjab	31.69	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
723	Localization of Nitric Oxide Syntheses & role of nitric oxide in ovarian steroidogenesis & maturation in catfish <i>Heteropneustes fossilis</i> (Bloch.)	DST-SERC-SC	Tripathi,V., Dr. (M) M.J.P. Rohilkhand University Bareilly - 243 006 Uttar Pradesh	24.88	36
724	Medicinal Mushrooms of Central India: Characterization, Recovery & Application for sustainable use	DST-SERC-SC	Sandhu,S.S., Prof. (M) Rani Durgavati Vishwavidyalaya Department of Biological Sciences Jabalpur - 482 001 Madhya Pradesh	26.18	36
725	Meta - population dynamics of tigers in the Malenad - Mysore Landscape of Karnataka	DST-SERC-SC	Ramakrishnan,U., Dr. (F) National Centre for Biological Sciences Bengalooru - 560 065 Karnataka	14.82	36
726	Meta - population dynamics of tigers in the Malenad - Mysore Landscape of Karnataka*	DST-SERC-SC	Karanth,K.U., Dr. (M) Centre for Wildlife Studies Bengalooru - 560 042 Karnataka	23.00	36
727	Metabolic engineering of gibberellins signal transduction pathway for increasing the yield potential of indigenous aromatic rice cultivar	DST-SERC-SC	Maiti,M.K., Dr. (M) Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	26.35	36
728	Mining novel lipolytic genes from soil metagenome	DST-SERC-SC	Vakhlu,J., Dr. (F) Jammu University Department of Biotechnology Jammu - 180 006 Jammu & Kashmir	24.02	36
729	Molecular assessment of genetic diversity in the only remaining population of Asiatic Lions (<i>Panthera leo persica</i>) in India	DST-SERC-SC	Gaur,A., Dr. (M) Centre for Cellular & Molecular Biology Hyderabad - 500 007 Andhra Pradesh	22.87	36
730	Molecular asymmetry & the mechanism of heteromerization: A proposal to study how the three dissimilar subunits of kinesin - 2 recognize each other	DST-SERC-SC	Ray,K., Dr. (M) Tata Institute of Fundamental Research Department of Biological Sciences Mumbai - 400 005 Maharashtra	24.53	36
731	Molecular characterization & development of diagnostics for Virus(es) & Viroids Infecting Apples	DST-SERC-SC	Thakur,P.D., Dr. (M) Dr. Y.S. Parmar University of Horticulture & Forestry Dept. of Mycology & Plant Pathology Solun - 173 230 Himachal Pradesh	18.84	36
732	Molecular characterization & development of diagnostics for Virus(es) & Viroids Infecting Apples*	DST-SERC-SC	Zaidi,A.A., Dr. (M) Institute of Himalayan Bioresource Technology Department of Plant Virology Palampur - 176 061 Himachal Pradesh	18.08	36
733	Molecular characterization & transcriptional Regulation of the Vitellogenin receptor from the cotton pest, <i>Spodoptera litura</i>	DST-SERC-SC	Krishnan,M., Dr. (M) Bharathidasan University Department of Environmental Biotechnology Tiruchirappalli - 620 024 Tamil Nadu	25.54	36
734	Molecular characterization of <i>Pongamia pinnata</i> germplasm	DST-SERC-SC	Tripathi,S.B., Dr. (M) The Energy Resources Institute Bioresources & Biotechnology Division New Delhi - 110 003 Delhi	19.30	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
735	Molecular marker assisted genetic & population diversity studies on <i>Kingiodendron pinnatum</i> - a critically vulnerable timer species of Southern Western Ghats	DST-SERC-SC	Ravichandran,P., Dr. (M) Sri Paramkalyani Centre for Environment Sciences Tirunelveli - 627 012 Tamil Nadu	28.41	36
736	Molecular mechanism involved in the regulation of perch (<i>Anabas testudineus</i>) oocyte maturation	DST-SERC-SC	Maitra,S., Dr. (F) Visva Bharati Department of Zoology Santiniketan - 732 235 West Bengal	17.64	36
737	Molecular mechanism of action of ultraviolet radiation & lithium during regeneration & pattern formation in <i>Hydra</i>	DST-SERC-SC	Ghaskadbi,S.S., Dr. (F) Pune University Department of Zoology Pune - 411 007 Maharashtra	7.86	36
738	Molecular mechanism of action of ultraviolet radiation & lithium during regeneration & pattern formation in <i>Hydra</i>	DST-SERC-SC	Ghaskadbi,S., Dr. (M) Agarkar Research Institute Division of Animal Sciences Pune - 411 004 Maharashtra	19.14	36
739	Molecular mechanism underlying nuclear chromatin condensation: Differential regulation by testosterone & FSH in rat testis	DST-SERC-SC	Sharma,M.K., Dr. (F) National Institute for Research in Reproductive Health Mumbai - 400 012 Maharashtra	22.13	36
740	Mosquitocidal toxins of <i>Bacillus subtilis</i> : Characterization of the toxins, optimization of production & formulation	DST-SERC-SC	Manonmani,A.M., Dr. (M) Vector Control Research Centre Department of Molecular Biology Puducherry - 605 006 Puducherry	22.93	36
741	Oxidative stress & Inducible tolerance mechanisms in rice plants under Aluminium toxicity	DST-SERC-SC	Dubey,R.S., Dr. (M) Banaras Hindu University Department of Biochemistry Varanasi - 221 005 Uttar Pradesh	18.15	36
742	PCB - induced disruption in the expression of selected genes in sertoli cells of adult rats	DST-SERC-SC	Arunakaran,J., Dr. (M) Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences Department of Endocrinology Chennai - 600 113 Tamil Nadu	13.82	36
743	P-Glycoprotein Atpase: Purification, characterization & its involvement in the insecticide resistance on the agriculture crops resistant pest, <i>Helicoverpa armigera</i>	DST-SERC-SC	Sreeramulu,K., Dr. (M) Gulbarga University Department of Biochemistry Gulbarga - 585 106 Karnataka	31.20	36
744	Physiological responses of crop plants to water deficit under elevated CO ₂	DST-SERC-SC	Vanaja,M., Dr. (M) Central Research Institute for Dryland Agriculture Crop Sciences Division Hyderabad - 500 059 Andhra Pradesh	20.86	36
745	Pollination biology of endemic & endangered plant species, <i>Decalepis Hamiltonii</i> (Asclepiadaceae) & <i>Shorea Tumbuggni</i> (Dipterocarpaceae)	DST-SERC-SC	Raju,A.J., Dr. (M) Andhra University Department of Environment Sciences Visakhapatnam - 530 003 Andhra Pradesh	8.82	36
746	Protein - Protein & Protein - DNA interactions in the <i>Haemophilus influenzae</i> DNA Methyl - directed mismatch repair pathway	DST-SERC-SC	Rao,D.N., Dr. (M) Indian Institute of Science Department of Biochemistry Bengalooru - 560 012 Karnataka	37.40	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
747	Purification & characterization of a novel agarase enzyme from a gram negative bacterium AG-LSL 1	DST-SERC-SC	Lalitha,J., Dr. (F) Gulbarga University Department of Biochemistry Gulbarga - 585 106 Karnataka	21.66	36
748	Reduction of toxic endosperm proteins, Ricin & RCA, in cotton (ricinus communis L.) through post transcriptional gene silencing technologies	DST-SERC-SC	Kumar,V.D., Dr. (M) Directorate of Oilseeds Research Department of Biotechnology Hyderabad - 500 030 Andhra Pradesh	16.73	36
749	Reduviid Salivary toxin & its Zootoxic effects on Polyphagous Pests	DST-SERC-SC	Sahayaraj,K., Dr. (M) St. Xavier's College Palayamkottai - 627 002 Tamil Nadu	23.18	36
750	Role of Basic Fibroblast Growth Factor (FGF2) on epimorphic regeneration	DST-SERC-SC	Suresh,B., Dr. (M) M.S. University of Baroda Faculty of Science Vadodra - 390 002 Gujarat	37.50	36
751	Role of lysosomal enzymes, oxidative stress & hoxb8 gene in regulating transdifferentiation of regenerating tail tissue of frog larvae	DST-SERC-SC	Mahapatra,P.K., Dr. (F) Utkal University Department of Zoology Bhubaneswar - 751 004 Orissa	19.95	36
752	Role of Probiotic lactic acid against Shigella infection in vitro & in vivo models	DST-SERC-SC	Agarwal,R., Dr. (F) Central Food Technological Research Institute Department of Food Microbiology Mysore - 570 020 Karnataka	11.97	36
753	Role serpin, a conserved protease inhibitor, in regulating rice disease defense responses	DST-SERC-SC	Nandi,A.K., Dr. (M) Jawahar Lal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	31.10	36
754	Screening of molecules of plant origin as inhibitors of solid surface colonization by Candida Albicans	DST-SERC-SC	Karuppayil,S.M., Dr. (M) Swami Ramanand Teerath Marathwada University School of Life Sciences Nanded - 431 606 Maharashtra	19.93	36
755	Sensitivity of the Entrainment pathway in a Photoperiodic Bird	DST-SERC-SC	Bhardwaj,S.K., Dr. (M) Ch. Charan Singh University Meerut - 250 004 Uttar Pradesh	37.40	36
756	Soil nitrogen dynamic in relation to quality & decomposability of plant litter traditionally used as manure in the Central Himalaya	DST-SERC-SC	Ghosh,P., Dr. (F) G.B. Pant Institute of Himalayan Environment & Development Land & Water Resource Management Core Srinagar Garhwal - 246 174 Uttarakhand	20.13	36
757	Specific & non-specific interactions between biological macromolecules on a two-dimensional monolayer	DST-SERC-SC	Chatterji,D., Prof. (M) Indian Institute of Science Molecular Biophysics Unit Bengaluru - 560 012 Karnataka	75.59	36
758	Structure Function relationship of Glycodelin	DST-SERC-SC	Karande,A.A., Dr. (F) Indian Institute of Science Department of Biochemistry Bengaluru - 560 012 Karnataka	15.78	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
759	Studies on biodiversity of Ras[berry (Rubus Ellipticus Smith.) for selection of superior genotypes growing wild in North Western Himalayas	DST-SERC-SC	Singh,D., Dr. (M) Dr. Y.S. Parmar University of Horticulture & Forestry Dept. of Fruit Breeding & Genetic Resources Solun - 173 230 Himachal Pradesh	11.88	36
760	Studies on novel acidic phytase from <i>Aspergillus niger</i> NCIM 563: Purification, characterization & its application in animal feed & myoinositol production	DST-SERC-SC	Khire,J.M., Dr. (M) National Chemical Laboratory Biochemical Sciences Division Pune - 411 008 Maharashtra	15.56	36
761	Studies on nutraceuticals properties of medicinal rice - Njavara	DST-SERC-SC	Naidu,K.A., Dr. (M) Central Food Technological Research Institute Department of Biochemistry & Nutrition Mysore - 570 020 Karnataka	21.61	36
762	Studies on the characterization & toxicological effects of engineered carbon nanoparticles in human cell lines & animal models	DST-SERC-SC	Krishnamoorthy,D.R., Dr. (M) University College of Pharmaceutical Sciences Warangal - 506 009 Andhra Pradesh	13.48	36
763	Studies on the characterization & toxicological effects of engineered carbon nanoparticles in human cell lines & animal models	DST-SERC-SC	Himabindu,V., Dr. (M) Jawaharlal Nehru Technological University Institute of Science & Technology Hyderabad - 500 072 Andhra Pradesh	9.48	36
764	Studies on the Immune Responses of the Striped murrel, channa Striatu bloch	DST-SERC-SC	Michael,R.D., Dr. (M) Lady Doak College Madurai - 625 002 Tamil Nadu	24.30	36
765	Targeting genes for ion Homoestasis & salt tolerance in Finger Millet (Eleusine Coracana G): Over expressing genes for salt compartmentation & proton gradient generation & their significance in salt tolerance	DST-SERC-SC	Sashidar,V.R., Dr. (M) Agricultural Sciences University Department of Crop Physiology Bengalooru - 560 065 Karnataka	25.93	36
766	Targeting of the bioactive molecule hapalindole-T isolated from cyanobacterium fisherella sp	DST-SERC-SC	Asthana,R.K., Dr. (M) Banaras Hindu University Department of Botany Varanasi - 221 005 Uttar Pradesh	22.68	36
767	Taxonomic evaluation of endemic monogenean parasites of freshwater fishes	DST-SERC-SC	Singh,H.S., Prof. (M) Ch. Charan Singh University Department of Zoology Meerut - 250 004 Uttar Pradesh	24.00	36
768	Taxonomic revision of the genus <i>Caralluma</i> (asclepiadaceae) & assessment of infra-specific variation	DST-SERC-SC	Pulliah,T., Dr. (M) Sri Krishnadevaraya University Department of Botany Anantapur - 515 003 Andhra Pradesh	10.56	36
769	Taxonomy & biology of Entomopathogenic <i>Rhabditis</i> (<i>Osccheius</i>) sp. (<i>Rhabditidae</i> : Nematoda) & its bacterial symbionts	DST-SERC-SC	Ritakumari,S.D., Dr. (F) Kerala University Dept. of Aquatic Biology & Fisheries Thiruvananthapuram - 695 581 Kerala	12.04	36
770	Taxonomy & biology of Entomopathogenic <i>Rhabditis</i> (<i>Osccheius</i>) sp. (<i>Rhabditidae</i> : Nematoda) & its bacterial symbionts*	DST-SERC-SC	Mohandas,C., Dr. (M) Central Tuber Crops Research Institute Division of Crop Protection Thiruvananthapuram - 695 017 Kerala	12.57	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (In Months)
771	The role of pitX2 homeodomain transcription factor to regulate ovarian function	DST-SERC-SC	Roy, S.S., Dr. (M) Indian Institute of Chemical Biology Department of Molecular Endocrinology Kolkata - 700 032 West Bengal	23.54	36
772	Three dimensional structure determination of Calcium binding protein - 2 from Entamoeba - histolytica & its complexes with cellular targets	DST-SERC-SC	Gourinath, S., Dr. (F) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	23.71	36
773	Transfer of traits for salinity tolerance from Leptochloa Fusca (Kallar Grass) to Oryza Sativa (rice): A non conventional strategy	DST-SERC-SC	Giri, C.C., Dr. (M) Osmania University Centre for Plant Molecular Biology Hyderabad - 500 007 Andhra Pradesh	9.97	36
774	Transgenic male sterile gerbera to study the alterations in pollination induced petal senescence	DST-SERC-SC	Podile, A.R., Dr. (M) Hyderabad University Department of Plant Science Hyderabad - 500 046 Andhra Pradesh	23.22	36
775	Understanding the role of epigenetic elements in controlling floral-organs development by methylome profiling using high density microarrays in rice	DST-SERC-SC	Kapoor, M., Dr. (F) Guru Govind Singh Indraprastha University Department of Biotechnology Delhi - 110 006 Delhi	2.42	36
776	Understanding the role of spigenetic elements in controlling floral-organs development by methylome profiling using high density microarrays in rice	DST-SERC-SC	Kapoor, S., Dr. (M) Delhi University Department of Plant Molecular Biology New Delhi - 110 021 Delhi	29.39	36
777	Virus - Host interaction in pathology of Japanese encephalitis virus infection: Cell Biological & Immunological approaches	DST-SERC-SC	Vijaya, S., Dr. (F) Professor Indian Institute of Science Department of Microbiology Bengalooru - 560 012 Karnataka	64.65	36
778	Biochemical & molecular characterization of Chitin Deacetylase of Metarhizium Anisopliae	DST-SERC-WOS	Ghormade, V., Dr. (F) National Chemical Laboratory Biochemical Sciences Division Pune - 411 008 Maharashtra	16.68	36
779	Biodiversity & conservation status of Dung Beetles in Haryana	DST-SERC-WOS	Kakkar, N., Dr. (F) Kurukshetra University University College Kurukshetra - 136 119 Haryana	12.12	36
780	Bioprospecting of Angiogenic inhibitors & enhancers	DST-SERC-WOS	Bhaskar, L., Dr. (F) Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram - 695 014 Kerala	16.68	36
781	Bioprospecting of medicinal plants for antiangiogenic activity using promoter reporter gene analysis targetting angiogenic genes	DST-SERC-WOS	Sheela, M.L., Ms. (F) Mysore University Dept. of Applied Botany & Biotechnology Mysore - 570 006 Karnataka	11.40	36
782	Cell - specific DNA targeting by multidomain fusion proteins	DST-SERC-WOS	Gopal, V., Dr. (F) Centre for Cellular & Molecular Biology Hyderabad - 500 007 Andhra Pradesh	32.76	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
783	Current status & availability of high value medicinal plants in Alpine zone of Dhauladhar Wildlife Sanctuary, Western Himalayas	DST-SERC-WOS	Uniyal,A., Dr. (F) Wildlife Institute of India Department of Habitat Ecology Dehradun - 248 001 Uttarakhand	13.26	36
784	Development of new plant type through hybridization & another culture	DST-SERC-WOS	Sen,C., Ms. (F) Institute of Agricultural Sciences Department of Genetics & Plant Breeding Varanasi - 221 005 Uttar Pradesh	10.80	36
785	Effect of changes in biophysical environment on biological membranes in mangrove species of South Andaman	DST-SERC-WOS	Saxena,M., Dr. (F) Central Agricultural Research Institute Port Blair - 744 101 Andaman & Nicobar	14.88	36
786	Electrophysiological approaches to insect Olfaction: From odor to behaviour	DST-SERC-WOS	Raina,R.M., Dr. (F) National Chemical Laboratory Laboratory of Entomology Pune - 411 008 Maharashtra	11.28	36
787	Emerging self - sustained patterns of intercellular calcium waves in co - cultures of neurons & glia: An experimental investigation	DST-SERC-WOS	Chatterjee,N., Dr. (F) Anna University Centre for Biotechnology Chennai - 600 025 Tamil Nadu	19.68	36
788	Evaluation of cyanobacteria for value added products - an important genetic resource for natural pigments and proteins	DST-SERC-WOS	Tandon,R., Dr. (F) Allahabad University Department of Botany Allahabad - 211 002 Uttar Pradesh	14.16	36
789	Identification & characterization of novel antiviral compounds from the Indian seaweeds for their use in controlling plant viral infections	DST-SERC-WOS	Kotnala,S., Dr. (F) National Institute of Oceanography Biological Oceanography Division Dona Paula - 403 004 Goa	14.76	36
790	Insight into Brassinosteroids regulated defense system of Raphanus sativus under heavy metals stress using biochemical & molecular approaches	DST-SERC-WOS	Bhardwaj,R., Dr. (F) Guru Nanak Dev University Dept. of Botanical & Environmental Sc. Amritsar - 143 005 Punjab	28.07	36
791	Interaction of Malathion Pesticide with Osmolytes of free radicals in Anabaena Variabilis	DST-SERC-WOS	Fatma,T., Dr. (F) Jamia Millia Islamia Department of Biosciences New Delhi - 110 025 Delhi	18.69	36
792	Invitro & Invivo studies for the identification of effective botanicals for the management of bacterial diseases of silkworm, Bombyx mori L.	DST-SERC-WOS	Bai,S.Y., Dr. (F) Bangalore University Plant Biotechnology Unit Bengalooru - 560 056 Karnataka	16.68	36
793	Molecular characterization of Indian Jasmine (Jasminum sp)	DST-SERC-WOS	Nirmala,K.S., Dr. (F) Agricultural Sciences University Department of Biotechnology Bengalooru - 560 065 Karnataka	6.84	36
794	Nutritional aspects of Macroalgae of Visakhapatnam, East Coast of India	DST-SERC-WOS	Sarojini,Y., Dr. (F) Andhra University Department of Botany Visakhapatnam - 530 003 Andhra Pradesh	17.28	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
795	Prostaglandin E Synthase (PGES) inhibitor: Computational studies & in vitro analysis using natural products (Triterpenoids, Flavonoids, Stilbenoids & Hydrocinnamic acid derivatives)	DST-SERC-WOS	Priya,P.V.P., Ms. (F) Indian Institute of Technology (M) Department of Biotechnology Chennai - 600 036 Tamil Nadu	8.76	36
796	Production, purification, genetic characterization & application studies of Tannase enzyme from amrine fungus <i>Aspergillus Awamori</i>	DST-SERC-WOS	Beena,P.S., Ms. (F) Cochin University of Science & Technology Department of Biotechnology Kochi - 682 022 Kerala	9.84	36
797	Standardization of captive breeding & culture techniques for potential indigenous ornamental fishes of Manipur for commercialization	DST-SERC-WOS	Devi,C.B., Dr. (F) Institute of Bioresources & Sustainable Development Imphal - 795 001 Manipur	15.36	36
798	Studies on metronidazole resistance in laboratory grown & patient derived <i>Entamoeba Histolytica</i>	DST-SERC-WOS	Iyer,L.R., Dr. (F) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	14.88	36
799	Study of anti - quorum-sensing & immunomodulatory properties of <i>Euphorbia</i> spp. Extracts	DST-SERC-WOS	Nashikkar,N., Dr. (F) Hislop College Nagpur - 440 001 Maharashtra	15.48	36
800	Taxonomic revision studies in the Lichen Family Graphidaceae from India	DST-SERC-WOS	Sharma,B., Dr. (F) Agarkar Research Institute Dept. of Mycology & Plant Pathology Pune - 411 004 Maharashtra	13.97	36
801	Troidine Butterflies as Ecological indicators for biodiversity assessment studies in the Western Ghats	DST-SERC-WOS	Anto,M., Dr. (F) Kerala Forest Research Institute Entomology, Forest Protection Division Peechi - 680 653 Kerala	11.57	36
802	Upland cultivation of <i>trichosanthes dioica</i> through tissue culture methods	DST-SERC-WOS	Komal,R., Dr. (F) Patna University Department of Biochemistry Patna - 800 005 Bihar	16.08	36
803	Use of Bee attractants to increase flower attractiveness for enhancing crop productivity	DST-SERC-WOS	Anita,M., Dr. (F) Bangalore University Division of Biodiversity & Apiculture Bengalooru - 560 056 Karnataka	15.72	36
804	Biodiversity & Biosystematics of Spider Fauna of Jammu & Kashmir	DST-SST	Khan,A.A., Dr. (M) Assistant Professor Sher-e-Kashmir University of Agriculture & Technology Division of Entomology Srinagar - 191 121 Jammu & Kashmir	18.81	36
805	Evolving integrated pest management strategies to manage the cotton stem weevil, <i>Pemphigus affinis</i> (Fst)	DST-SST	Ramamurthy,R., Prof. (M) Agricultural Research Station Kovilpatti - 628 501 Tamil Nadu	15.30	36
806	Screening & Evaluation of Genetic Diversity of <i>Bixa Orellana</i> in terms of Bixin Content	DST-SST	Kumaran,K., Dr. (M) Associate Professor Forest College & Research Institute Mettupalayam - 641 301 Tamil Nadu	15.01	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
807	DNA based diagnostics using capacitance monitoring	DST-TSD	Rao, C.M., Dr. (M) Deputy Director Centre for Cellular & Molecular Biology Hyderabad - 500 007 Andhra Pradesh	25.37	24
808	Cyperaceae (sedges) of Western Ghats, West Coasts & rest of Maharashtra	DST-USERS	Wadoodkhan, M.A., Dr. (M) Majalgaon College Department of Botany Majalgaon - 431 131 Maharashtra	3.59	24
809	Early man from Narmada Valley: A vital link in human evolution	DST-USERS	Sonakia, A., Dr. (M) Barkatullah Vishwavidyalaya Bhopal - 462 026 Madhya Pradesh	3.59	24
810	Ecology & biodiversity of polychaetes from Indian Seas	DST-USERS	Harkantra, S.N., Dr. (M) National Institute of Oceanography Benthos Laboratory Dona Paula - 403 004 Goa	3.59	24
811	Eulophinae (Hymenoptera: Eulophidae) of Indian subcontinent	DST-USERS	Narendran, T.C., Dr. (M) Calicut University Department of Zoology Kozhikode - 673 635 Kerala	3.59	24
812	Pest Management: From green revolution to gene revolution	DST-USERS	Dhaliwal, G.S., Dr. (M) Insect Biopesticide Research Centre Jalandhar - 144 003 Punjab	3.59	24
813	Revision of ustilaginales of India	DST-USERS	Gandhe, R.V., Dr. (M) Agarkar Research Institute Department of Mycology Pune - 411 004 Maharashtra	3.59	24
814	Collection, conservation, evaluation & identification of high yielding genotypes of Kalazira (bunium persicum) for the sustainable development of tribal communities in Cold Deserts Biosphere Reserve	MOEF-BR	Chahota, R.K., Dr. (M) Assistant Scientist Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya Dept. of Plant Breeding & Genetics Palampur - 176 062 Himachal Pradesh	13.29	36
815	Ecological studies of forest with a view to identify species useful in restoration of degraded forests habitat of Achanakmar Amarkantak Biosphere Reserve	MOEF-BR	Singh, L., Dr. (M) Indira Gandhi Agricultural University Raipur - 492 006 Chhattisgarh	9.11	36
816	Studies on diversity & distribution of pteridophytic flora of Pachmarhi Biosphere Reserve	MOEF-BR	Khare, P.B., Dr. (M) Scientist & Head National Botanical Research Institute Pteridology Laboratory Lucknow - 226 001 Uttar Pradesh	13.34	36
817	Formulation of a Sui-Generis Regime for traditional knowledge (Ethnobiology)	MOEF-EPRP	Pushapangadan, P., Prof. (M) Institute for Herbal & Biotech Product Development Thiruvananthapuram - 695 005 Kerala	18.70	12
818	Developing Eco Friendly Microbial Consortia for Pathogen Removal in Sewage Waste Water & Mitigation of Pathogen Entry into Hydrological Cycle	MOEF-ERP	Dhevagi, P., Dr. (M) Tamil Nadu Agricultural University Department of Environmental Science Coimbatore - 641 003 Tamil Nadu	11.56	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
819	Inventorization of fish & aquatic mega fauna of Dibru-Saikhowa National Park, Assam	MOEF-ERS	Biswas, S.P., Dr. (M) Dibrugarh University Department of Life Sciences Dibrugarh - 786 004 Assam	6.94	36
820	Ornamental fish Resources of the Barak & Chindwin Headwaters in North East India, their Biology & Conservation	MOEF-ERS	Singh, W.V., Dr. (M) Manipur University Department of Life Sciences, Canchipur Imphal - 795 003 Manipur	12.47	36
821	Plant functional Trait Analysis of Dry Tropical Forest Ecosystems	MOEF-ERS	Raghubanshi, A.S., Dr. (M) Reader Banaras Hindu University Centre for Advanced Study in Botany Varanasi - 221 005 Uttar Pradesh	44.60	36
822	Socio-Cultural & political aspects of market & non-market benefits of forest resources with special reference to NTFPs & conservation in & around Dampa Tiger Reserve in Mizoram	MOEF-ERS	Sahoo, U.K., Dr. (M) Mizoram University Department of Forestry Aizawl - 796 102 Mizoram	7.91	36
823	Assessing the economic loss due to feeding habits of the frugivorous bats in the orchard regions of Ahmednagar District	MOEF-EWG	Joshi, D.S., Dr. (M) Ahmednagar College Ahmednagar - 414 002 Maharashtra	7.00	36
824	Biodiversity of Terrestrial & Lignicolous Macrofungi in the Kerala part of the Western Ghats	MOEF-EWG	Mohanani, C., Dr. (M) Kerala Forest Research Institute Thrissur - 680 653 Kerala	10.67	36
825	Development of Bioinoculants for some tree legumes useful in revegetation of mine area	MOEF-EWG	Gupta, N., Dr. (F) Regional Plant Resource Centre Bhubaneswar - 751 012 Orissa	13.36	36
826	Ecology of Plant Galls in the Shola Forests of Eastern & Western Ghats of Tamil Nadu	MOEF-EWG	Amerjothy, S., Dr. (M) Presidency College Dept. of Plant Biology & Plant Biotech. Chennai - 600 005 Tamil Nadu	8.33	36
827	Towards the conservation of caecilian amphibians of the Northern Western Ghats - establishing the Systematic Foundation	MOEF-EWG	Giri, V.B., Dr. (M) Bombay Natural History Society Mumbai - 400 023 Maharashtra	8.64	36
828	Utilization of alternative timber species for catamarans to conserve traditional tree species of Eastern Ghats	MOEF-EWG	Aggarwal, P.K., Dr. (M) Institute of Wood Science & Technology Bengalooru - 560 038 Karnataka	7.00	36
829	Exploration diversity & mapping of vegetation in the urban forests of Kumaun Himalayan towns using Remote Sensing & GIS	MOEF-NNRMS	Sharma, S., Dr. (M) G.B. Pant Institute of Himalayan Environment & Development Almora - 263 643 Uttarakhand	19.90	36
830	Habitat characterization a landscape level with special emphasis on Geobotanical at Analysis Achanakmar-Amarkantak Biosphere Reserve	MOEF-NNRMS	Tripathi, S., Dr. (M) Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyala, Satna - 485 331 Madhya Pradesh	19.93	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
831	Inventorying sacred groves of Jharkhand Forests & their characterization through RS-GIS technology	MOEF-NNRMS	Sinha, R.K., Dr. (M) Reader Tilka Manjhi Bhagalpur University Centre for Regional Studies Bhagalpur - 812 007 Bihar	20.15	36
832	A comparative study of the spectral characteristics of dawn chorus in different soundscapes in the ridge forest of Delhi	UGC-MJRP	Kumar, K., Dr. (M) Jawaharlal Nehru University Dept. of Environmental Science New Delhi - 110 067 Delhi	11.87	36
833	A molecular approach to the developmental basis of sporocarp & phylogenetic interpretation of intraspecific polymorphism in marsilea	UGC-MJRP	Mondal, A.K., Dr. (M) Vidyasagar University Department of Botany & Forestry Midnapore - 721 102 West Bengal	6.02	36
834	A probabilistic approach to interact the substrate - Aloe emodin with proteins targeting for Neuroectodermal tumors	UGC-MJRP	Lakshmi, P.T.V., Dr. (F) Bharathiar University Department of Biotechnology Coimbatore - 641 046 Tamil Nadu	9.67	36
835	A proteomic, physiological & biochemical based study of early expressed low abundant proteins & antioxidant defense system during water stress in wheat leaf	UGC-MJRP	Singh, A.P., Dr. (M) G.G.D.S.D. College Department of Biochemistry, Sector 32-C Chandigarh - 160 030 Chandigarh	6.51	36
836	An assessment of the herbicidal potential of essential oil from leave of Callistemon Viminalis (Sol. ex. Gaertn.) G. Don ex Loudon	UGC-MJRP	Batish, D.R., Dr. (M) Panjab University Department of Botany Chandigarh - 160 014 Chandigarh	5.27	36
837	Analysis of abundance diversity & activity of denitrifiers in activated sludge	UGC-MJRP	Nerurkar, A.S., Dr. (F) M.S. University of Baroda Department of Microbiology Vadodara - 390 002 Gujarat	7.72	36
838	Assessment of allergenicity to outdoor fungal allergens of Rohtak & its Suburbs	UGC-MJRP	Dahiya, P., Dr. (F) Maharshi Dayanand University Department of Botany Rohtak - 124 001 Haryana	9.10	36
839	Assessment of Genetic diversity & Identification of sex specific markers in endemic species. Garcinia Indica using RAPD analysis	UGC-MJRP	Deodhar, M.A., Dr. (F) KET's College of Sciences, Arts & Commerce Department of Botany, Mithagar Road, Mulund (E) Mumbai - 400 082 Maharashtra	6.60	36
840	Assessment of lead induced age - dependent & region specific oxidative stress in rat brain: Protective effect of alpha - tocopherol	UGC-MJRP	Reddy, G.R., Prof. (M) Sri Venkateswara University Department of Zoology Tirupati - 517 502 Andhra Pradesh	11.99	36
841	Beryllium induced hepatic & renal manifestations: Amelioration by natural products	UGC-MJRP	Mathur, R., Dr. (M) Jiwaji University Department of Zoology, HIG-201, Madhav Nagar Gwalior - 474 011 Madhya Pradesh	10.34	36
842	Biodiversity & Taxonomic studies on sessile epiphytic & colonial rotifera from Pune, Maharashtra	UGC-MJRP	Pai, K., Dr. (F) Pune University Department of Zoology Pune - 411 007 Maharashtra	8.11	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
843	Biodiversity of Parasitofauna in fishes of Jammu, Kashmir & Ladakh	UGC-MJRP	Chishti, M.Z., Dr. (M) Kashmir University Department of Zoology Srinagar - 190 006 Jammu & Kashmir	11.63	36
844	Biodiversity, biosystematics & ecology of aphids (Insecta Homoptera) infesting vegetables & their parasitoid & predators in North - Eastern U.P.	UGC-MJRP	Singh, R., Prof. (M) Deendayal Upadhyaya University of Gorakhpur Department of Zoology (Entomology) Gorakhpur - 273 009 Uttar Pradesh	6.59	36
845	Biological evaluation of novel curcumin analogues as anti-leukemic agents & elucidating its molecular mechanism leading to apoptosis	UGC-MJRP	Paul, S., Dr. (M) Gurudas College Department of Biotechnology, Narkeldanga Kolkata - 700 054 West Bengal	10.87	36
846	Bioprospecting in <i>Andrographis paniculata</i> using Methyl Jasmonate (MJ) elicited in Vitro transformed cultures	UGC-MJRP	Giri, C.C., Dr. (M) Osmania University Department of Botany Hyderabad - 500 087 Andhra Pradesh	6.38	36
847	Bioprospecting of plants & microbes for in-situ phytoremediation of residual nitrogen & heavy metals in the sewage irrigated vegetable crops through aquatic microcosms	UGC-MJRP	Shardendu, Dr. (M) Patna University Department of Botany Patna - 800 005 Bihar	6.62	36
848	Bioprospecting, agrotechniques & phytochemical characterization of commercially exploitable & endangered medicinal plants of the Indian Thar Desert	UGC-MJRP	Kasera, P.K., Dr. (M) Jai Narain Vyas University Department of Botany Jodhpur - 342 001 Rajasthan	6.28	36
849	Biotechnological process for synthesis of food esters in organic solvents using microemulsion based organogel entrapped lipases	UGC-MJRP	Madamwar, D., Dr. (M) Professor Sardar Patel University Department of Biotechnology Vallabh Vidyanagar - 388 120 Gujarat	11.66	36
850	Brassinosteroids regulated antioxidant defence system of <i>Brassica Juncea</i> L. under temperature stress using biochemical & molecular approaches	UGC-MJRP	Sirhindi, G., Dr. (F) Punjab University Department of Botany Patiala - 147 002 Punjab	10.07	36
851	Characterization of Indigenous & useful Blue-green algae under culture conditions	UGC-MJRP	Tiwari, G.L., Dr. (M) Retired Allahabad University Department of Botany Allahabad - 211 002 Uttar Pradesh	8.20	36
852	Characterization of Ketoreductases from newly isolated yeast strains: Application in production of enantiopure phenyl ethanol	UGC-MJRP	Gupta, R., Dr. (F) Delhi University Department of Microbiology, Benito Juarez Road New Delhi - 110 021 Delhi	11.91	36
853	Characterization of protein & enzyme components of <i>Oxya hyla hyla</i> Oocyte during development & growth	UGC-MJRP	Ghosh, D., Prof. (M) Tripura University Department of Zoology Suryamaninagar - 799 130 Tripura	6.90	36
854	Collection, conservation & molecular characterization of wild & hybrid derivative of <i>Amla</i> (<i>Phyllanthus emblica</i>) germplasm in Tirunelveli Distt. Tamil Nadu	UGC-MJRP	Ganesh, D., Dr. (M) Manonmaniam Sundaranar University Department of Biotechnology, Alwarkueich Tirunelveli - 627 412 Tamil Nadu	8.61	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
855	Comparative Molecular Dynamics studies on protein complexes involved in diseases like Inflammation, Asthma, Cancer, Heart Diseases & Diabetes	UGC-MJRP	Velmurugan, D., Dr. (M) Madras University Department of Bio-Physics Chennai - 600 025 Tamil Nadu	11.19	36
856	Comparative study of a synthetic & a natural pesticide on the developmental programming of Zebrafish, <i>Brachydanio rerio</i>	UGC-MJRP	Ansari, B.A., Dr. (M) Deendayal Upadhyaya University of Gorakhpur Department of Zoology Gorakhpur - 273 009 Uttar Pradesh	8.36	36
857	Comparative study of molecular, genomic & natigenic patterns of drug resistant & drug sensitive bacteria of oral micro flora	UGC-MJRP	Singh, V., Dr. (M) Barkatullah Vishwavidyalaya Department of Microbiology Bhopal - 462 026 Madhya Pradesh	7.27	36
858	Detection & chemical analyses of myo - inositol biosynthesis in some vascular cryptogams under in vivo & in vitro conditions	UGC-MJRP	Adhikari, J., Dr. (F) Presidency College Department of Botany, 86/1, College Street Kolkata - 700 073 West Bengal	6.72	36
859	Development of a stable continuous flow system for the preparation of high fructose syrup using immobilized inulinase	UGC-MJRP	Singh, R.S., Dr. (M) Punjabi University Department of Biotechnology Patiala - 147 002 Punjab	11.26	36
860	Development of a technique for mass multiplication of <i>Spalangia Equis</i> (Lepidoptera: Lycaenidae), a potential natural enemy of Mealybugs	UGC-MJRP	Venkatesha, M.G., Dr. (M) Bangalore University Department of Zoology, Jnana Bharathi Bengaluru - 560 056 Karnataka	9.16	36
861	Development of Bio-fuel production technology from agro waste by using indigenous microbes	UGC-MJRP	Bishnoi, N.R., Prof. (M) Guru Jambheshwar University of Science & Technology Dept. of Environmental Science Hisar - 125 001 Haryana	10.24	36
862	Development of the Bioprocess for the production of lovastatin from the regional agro based wastes	UGC-MJRP	Lingappa, K., Dr. (M) Gulbarga University Department of Microbiology Gulbarga - 585 106 Karnataka	9.27	36
863	Disease management in the silk worm <i>Bombyx mori</i> utilizing probiotic & immune modulating nutraceuticals	UGC-MJRP	Padmalatha, C., Dr. (M) Rani Anna Government College for Women Department of Zoology, Gandhi Nagar Tirunelveli - 627 008 Tamil Nadu	11.44	36
864	Diseases vectors & other dipterous haematophagous insects occurring in Doon Valley & its adjoining areas	UGC-MJRP	Jauhari, R.K., Dr. (M) D.A.V. College Department of Zoology Dehradun - 248 001 Uttarakhand	6.14	36
865	Diversity & ecology of fiddler crabs & litter insects in the mangrove forests of Sundarban biosphere reserve, West Bengal, India	UGC-MJRP	Sanyal, P., Dr. (M) Jadavpur University Department of Zoology, School of Oceanographic Studies Kolkata - 700 032 West Bengal	8.73	36
866	Diversity, habitat relationships & conservation of migratory birds in the important wetlands of South Bengal	UGC-MJRP	Khan, T.N., Dr. (M) Maulana Azad College Department of Zoology, 8, Rafi Ahmed Kidwai Road Kolkata - 700 013 West Bengal	9.34	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (In Months)
867	Documentation of genetic diversity using molecular markers & development of protocol for Mass in Vitro multiplication of elite germplasm of a leguminous tree - pitecellobium dulce (Roxb.) Benth	UGC-MJRP	Kothari, S.L., Prof. (M) University Rajasthan College Department of Botany Jaipur - 302 004 Rajasthan	11.33	36
868	Effect of herbicide 2,4 - Dichlorophenoxy acetic acid on bimodal respiratory organs of air breathing fishes - Anabas testudineus & Lepidecephalichthys guntea	UGC-MJRP	Singh, J.P.N., Dr. (M) Raja Harpal Singh (P.G.) College Department of Zoology, Singrauli Jaunpur - 222 001 Uttar Pradesh	9.42	36
869	Effects of aging on the Circadian pacemaker of the longest living mammals, the Bats	UGC-MJRP	Joshi, D.S., Dr. (M) Ahmednagar College Department of Zoology (Chronobiology) Ahmednagar - 414 001 Maharashtra	6.23	36
870	Effects of certain compounds with juvenile hormone activity on the biology of insects	UGC-MJRP	Kumar, K., Dr. (M) Allahabad University Department of Zoology Allahabad - 211 002 Uttar Pradesh	10.67	36
871	Effects of Vertebrate steroid hormones on the fecundity & development of the cotton stainer, D Koenigii (Heteroptera: Pyrrhocoridae) & the cotton boll worm, H armigera (Lepidoptera: Noctuidae)	UGC-MJRP	Kumar, D., Prof. (M) Banaras Hindu University Department of Zoology Varanasi - 221 005 Uttar Pradesh	9.62	36
872	Efficacy of formulated fish feed on growth & diseases resistance	UGC-MJRP	Bhile, M.P., Dr. (M) Shivaji College Department of Zoology Kolhapur - 416 004 Maharashtra	8.39	36
873	Environmental risk assessment of selected pharmaceuticals to Aquatic Species: Using Physiological & Nonspecific Biomarkers	UGC-MJRP	Ramesh, M., Dr. (M) Bharathiar University Department of Zoology Coimbatore - 641 046 Tamil Nadu	10.35	36
874	Evaluation of Chemical & Micro-Biological quality of Vermicompost prepared from different organic waste materials using red worms Eiscina foetida	UGC-MJRP	Nigam, A., Dr. (F) Delhi University Department of Microbiology New Delhi - 110 021 Delhi	6.52	36
875	Evaluation of Chemopreventive potential of [6] - paradol on 7, 12 Dimethyl benz [a] Anthracene (DMBA) induced hamster buccal pouch carcinogenesis	UGC-MJRP	Suresh, K., Dr. (M) Annamalai University Department of Bio-Chemistry Annamalainagar - 608 002 Tamil Nadu	8.24	36
876	Evaluation of Cyclooxygenase inhibitory & in vivo anti-inflammatory activities of selected Medicinal plants of Marathwada Region (MS)	UGC-MJRP	Gacche, R.N., Dr. (M) Swami Ramanand Teerath Marathwada University Department of Botany Nanded - 431 606 Maharashtra	7.79	36
877	Evaluation of in-vitro cytotoxic activity of natural products, crude extracts of Poecilocerus pictus & its food plant calotropis gigantea & their characterization	UGC-MJRP	Hardikar, B.P., Dr. (F) KET's V.G. Vaze College Department of Zoology, Mulund (East), Mithagar Road Mumbai - 400 081 Maharashtra	6.72	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
878	Evaluation of radiosensitizing effect of ferulic acid in Hela, CaSki & ME 180 cancer cell lines	UGC-MJRP	Prasad,N.R., Dr. (M) Annamalai University Department of Bio-Chemistry Annamalainagar - 608 002 Tamil Nadu	6.46	36
879	Evolve techniques to breed & culture marine ornamental fishes in fresh water	UGC-MJRP	Anandhi,D.U., Dr. (F) Bangalore University Department of Zoology Bengalooru - 560 056 Karnataka	7.90	36
880	Extracellular alkaline lipase production from microbes	UGC-MJRP	Darmwal,N.S., Dr. (M) Dr. R.M.L. Avadh University Department of Microbiology Faizabad - 224 001 Uttar Pradesh	10.65	36
881	Factors responsible for Non-adaptability of Tasar Silkworm, Anthrea Mylitta D, to indoor rearing	UGC-MJRP	Shamitha,G., Dr. (F) Kakatiya University Department of Zoology, Vidyaranyaपुरi Warangal - 503 030 Andhra Pradesh	9.28	36
882	Fast reaction kinetics of Glucose activation of Plasma membrane H' AT pase from Candida Albicans	UGC-MJRP	Khan,L.A., Dr. (M) Jamia Millia Islamia Department of Bio-Chemistry New Delhi - 110 025 Delhi	9.47	36
883	Fishery aspects & conservation of some indigenous fish resources of some wetlands of Manipur	UGC-MJRP	Rajeshwari,R., Dr. (F) Oriental College Department of Zoology (Fishery),Takyel Imphal - 795 003 Manipur	7.57	36
884	Functional genomics of plant retrotransposons	UGC-MJRP	Upadhyay,K.C., Prof. (M) Jawaharlal Nehru University Department of Botany New Delhi - 110 067 Delhi	5.55	36
885	Genetic diversity & in Vitro propagation & characterization of bioactive compounds of Hypericum species	UGC-MJRP	Rai,R.R.V., Prof. (M) Mysore University Department of Botany Manasagangotri - 570 006 Karnataka	5.88	36
886	Genetic transformation & metabolic engineering of Chonemorphia fragrans	UGC-MJRP	Malpathak,N.P., Dr. (M) Pune University Department of Botany Pune - 411 007 Maharashtra	8.48	36
887	Glycosidase inhibitory properties of Plant extracts	UGC-MJRP	De,B., Dr. (F) Calcutta University Department of Botany, 35, B.C. Road Kolkata - 700 019 West Bengal	9.03	36
888	Heavy metals detoxication: An assessment of herbal & inherent antididants	UGC-MJRP	Sood,P.P., Mr. (M) Saurashtra University Department of Zoology Rajkot - 360 005 Gujarat	7.41	36
889	Homology modling Molecular docking & dynamics studies of D-alanine ligase enzyme of M.Tuberculosis - A potential protein target for anti tuberculosis drug design	UGC-MJRP	Kumar,C.S., Dr. (M) Sri Krishnadevaraya University Department of Bio-Chemistry Anantapur - 515 003 Andhra Pradesh	9.85	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
890	Hypocholesterolemic effects of some medicinal plant on Guinea Pig - A critical study	UGC-MJRP	Kalita, B., Dr. (M) Morigaon College Department of Zoology Morigaon - 782 105 Assam	6.47	36
891	Identification of potential phytotherapeutic compounds to treat heamonchosis in livestock	UGC-MJRP	Veerakumari, L., Dr. (F) Pachaiyappa's College Department of Zoology Chennai - 600 030 Tamil Nadu	8.77	36
892	Immunization against experimental ascariasis induced by sensitized lymphoid Cells	UGC-MJRP	Savita, Dr. (F) D.N. (P.G.) College Department of Zoology Meerut - 250 001 Uttar Pradesh	4.00	36
893	Impact of Allelopathic Plant material on Soil Biology & Rhizosphere modifications for sustainable farming in Arid Agroforestry	UGC-MJRP	Sundaramoorthy, S., Dr. (M) Jai Narain Vyas University Department of Botany Jodhpur - 342 001 Rajasthan	7.63	36
894	Improved production of gymnemic acid by elicitation using in vitro transformed cultures of Gymnema Sylvestre	UGC-MJRP	Giri, A., Dr. (F) Jawaharlal Nehru Technological University Department of Biotechnology, Kukatpally Hyderabad - 500 085 Andhra Pradesh	8.96	36
895	In - Vivo & in Vitro production of camptothecin in Ophiorhiza species	UGC-MJRP	Joseph, J.P., Dr. (M) Sacred Heart College Department of Botany Kochi - 682 013 Kerala	7.14	36
896	In vitro culture studies in Lawsonia Inermis L. generating coloured callus for the mass production of herbal hair dye & coloured steaks	UGC-MJRP	Chandra, N., Dr. (M) Birla College of Arts, Science & Commerce Department of Biotechnology Kalyan - 421 304 Maharashtra	8.75	36
897	In Vitro induction of haploid & double haploid plants in Indian cultivars of Muskmelon (Cucumis melo L)	UGC-MJRP	Murthy, H.N., Dr. (F) Karnatak University Department of Botany Dharwad - 580 003 Karnataka	5.60	36
898	In Vitro propagation & phytochemical analysis of Acmella Calva (Dc) R.K. Jansen: A rare medicinal plant	UGC-MJRP	Shanthi, P., Dr. (F) Holy Cross College Department of Botany Tiruchirappalli - 620 002 Tamil Nadu	5.81	36
899	In Vitro propagation of rare, endangered & medicinal ferns & Orchids of Southern Assam & extraction of phytochemicals using Plant Biotechnology	UGC-MJRP	Mazumder, P.B., Dr. (M) Karimganj College Department of Botany Karimganj - 788 710 Assam	7.58	36
900	In Vitro propagation, conservations & bioprospecting of Ceropogia Juncea & Ceropogia candelabrum (Asclepiadaceae) threatened edible species of Southern India	UGC-MJRP	Pullaiah, T., Prof. (M) Sri Krishnadevaraya University Department of Botany Anantapur - 515 003 Andhra Pradesh	6.77	36
901	In Vitro regeneration & development of alternaria carthami resistant safflower (Carthamus Tinctorius L) plants	UGC-MJRP	Kumari, B.D.R., Dr. (F) Bharathidasan University Department of Botany Tiruchirappalli - 620 024 Tamil Nadu	9.37	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
902	Induced mutagenesis in <i>Jatropha curcas</i> using gamma rays & EMS & screening of superior strain through PCR technique	UGC-MJRP	Selvaraj,R., Dr. (M) Annamalai University Department of Botany Annamalainagar - 608 002 Tamil Nadu	5.12	36
903	Influence of combinations of selected pesticides on microflora of agricultural soils	UGC-MJRP	Rangaswamy,V., Dr. (M) Sri Krishnadevaraya University Department of Microbiology Anantapur - 515 003 Andhra Pradesh	7.41	36
904	Investigating the role of Toll-like receptors in <i>Plasmodium Faciparum</i> Mediated Malarial Pathogenesis: Association & Functional Analyses	UGC-MJRP	Sengupta,S., Ms. (F) Calcutta University Department of Bio-Chemistry Kolkata - 700 019 West Bengal	11.28	36
905	Isolation & characterization of dietary mutagens in food risk assessment & cancer Chemoprevention	UGC-MJRP	Zaidi,R., Dr. (M) Jamia Hamdard Department of Bio-Chemistry New Delhi - 110 062 Delhi	7.78	36
906	Isolation, Identification & evaluation of botanicals & biocontrols against major fungal & bacterial pathogens of spice crops	UGC-MJRP	Rajan,P.P., Dr. (M) Guruvayurappan College Department of Botany Kozhikode - 673 601 Kerala	5.00	36
907	Isolation, identification & screening for efficacy of bioactive substance from selected marine animals of West Coast	UGC-MJRP	Kulkarni,G.K., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Department of Zoology Aurangabad - 431 004 Maharashtra	9.42	36
908	Isolation, Identification characterization of some rehi-zobia & their evaluation in the management of soil borne plant parthogens	UGC-MJRP	Maheshwari,D.K., Prof. (M) Gurukula Kangri Vishwavidyalaya Department of Microbiology Haridwar - 249 404 Uttarakhand	10.13	36
909	Large scale proteomics analysis to fish out N & S - responsive proteins & cDNAs in Indian Mustard	UGC-MJRP	Qureshi,M.I., Dr. (M) Jamia Millia Islamia Department of Bio-Chemistry New Delhi - 110 025 Delhi	10.43	36
910	Limnology of the river Chenab at Akhnoor, Jammu	UGC-MJRP	Dutta,S.P.S., Prof. (M) Jammu University Dept. of Environmental Science Jammu - 180 006 Jammu & Kashmir	9.52	36
911	Microbial conversion of Agro residues & Liquid industrial waste to high value products	UGC-MJRP	Shah,A.R., Dr. (F) Sardar Patel University Department of Microbiology Vallabh Vidyanagar - 388 120 Gujarat	11.53	36
912	Micro-Biological study of diabetic foot infections - A prospective study from Chennai	UGC-MJRP	Ramesh,S., Dr. (F) Madras University Department of Microbiology, Taramani Chennai - 600 113 Tamil Nadu	10.23	36
913	Microbiology & Genetics of Quinalphos	UGC-MJRP	Reddy,B.R., Dr. (M) Sri Krishnadevaraya University Department of Microbiology Anantapur - 515 003 Andhra Pradesh	9.78	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
914	Modulatory effect of Protein kinase c on ecdysteroidogenesis in the y-organ of <i>Scylla serrata</i>	UGC-MJRP	Devaraj,H., Mr. (M) Madras University Department of Bio-Chemistry Chennai - 600 025 Tamil Nadu	10.52	36
915	Molecular & biochemical approaches to study brassinosteroids mediated responses in rice under pesticides & salt stress	UGC-MJRP	Pati,P.K., Dr. (M) Guru Nanak Dev University Department of Botany Amritsar - 143 005 Punjab	11.94	36
916	Molecular & chemical characterization of siderophores produced by Marine Bacteria	UGC-MJRP	Murugappan,R.M., Dr. (M) Thiagarajar College Department of Zoology Madurai - 625 009 Tamil Nadu	11.19	36
917	Molecular action of Zinc on Glucose transporter in liver of diabetic rats	UGC-MJRP	Pathak,A., Dr. (F) G.G.D.S.D. College Department of Biophysics, Sector-32 C Chandigarh - 160 030 Chandigarh	10.62	36
918	Molecular Bioadversity & Biosystematics of assassin bugs (Insecta -Heteroptera - Reduviidae)	UGC-MJRP	Ambrose,D.P., Dr. (M) St. Xavier's College Department of Zoology (Entomology) Palayamkottai - 627 002 Tamil Nadu	10.32	36
919	Molecular cloning & evaluation of Novel plant Amylase inhibitor for Antibiosis against storage pests <i>callosobruchus</i> & <i>tribolium</i>	UGC-MJRP	Hivrale,V.K., Ms. (F) Dr. Babasaheb Ambedkar Marathwada University Department of Bio-Chemistry Aurangabad - 431 004 Maharashtra	11.32	36
920	Molecular investigation into the carbon source - mediated transcriptional regulation of <i>nisZ</i> gene in <i>Lactococcus lactis</i> W8	UGC-MJRP	Biswas,S.R., Dr. (M) Visva Bharati Department of Botany Santiniketan - 731 235 West Bengal	9.95	36
921	Molecular mapping of Aphid (<i>Lipaphis Erysimi</i> Kalt) resistance in Rapeseed Mustard	UGC-MJRP	Rana,J.S., Prof. (M) Guru Jambheshwar University of Science & Technology Department of Biotechnology Hisar - 125 001 Haryana	11.04	36
922	Morpho - Physiological & Biochemical studies on some micropropagated plant species as influenced by liquid culture system & culture vessel environment	UGC-MJRP	Purohit,S.D., Prof. (M) Mohanlal Sukhadia University Department of Botany Udaipur - 313 001 Rajasthan	10.43	36
923	Morphological studies on weed seedlings of Eastern Uttar Pradesh	UGC-MJRP	Singh,A.,K., Dr. (M) Udai Pratap College Department of Botany Varanasi - 221 002 Uttar Pradesh	6.18	36
924	Mycorrhizoremediation - Role of Arbuscular mucorrhizal fungi in phytoremediation of Heavy Metal contaminated soils	UGC-MJRP	Garg,N., Dr. (F) Panjab University Department of Botany Chandigarh - 160 014 Chandigarh	9.68	36
925	Neopterin: Biomarker of cell mediated Immunity & potent usage as Biomarker in Silicosis	UGC-MJRP	Meher,B.A., Mrs. (F) Dr. Babasaheb Ambedkar College Department of Bio-Chemistry Nagpur - 440 013 Maharashtra	8.30	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
926	Optimization of tofu processing waste (whey) as growth media for probiotics	UGC-MJRP	Sarkar, P.K., Dr. (M) North Bengal University Department of Botany Siliguri - 734 013 West Bengal	6.10	36
927	Oxidative stress & Cold: Expression of heat shock proteins in aging rat brain	UGC-MJRP	Devi, S.A., Dr. (F) Bangalore University Department of Zoology Bengalooru - 560 056 Karnataka	11.89	36
928	Pattern of wood formation in some tropical woody climbers	UGC-MJRP	Rajput, K.S., Dr. (M) M.S. University of Baroda Department of Botany Vadodara - 390 002 Gujarat	6.19	36
929	Pattern distribution & heterogeneity of lignification in tropical trees	UGC-MJRP	Rao, K.S., Dr. (M) Sardar Patel University Department of Botany Vallabh Vidyanagar - 388 120 Gujarat	6.27	36
930	Production of Antimicrobial Metabolites by <i>Lechvaleria flava</i>	UGC-MJRP	Vijayalakshmi, M., Prof. (F) Nagarjuna University Department of Microbiology Guntur - 522 510 Andhra Pradesh	7.54	36
931	Production of chitinase & chitsans from shells of crustacean through bacterial fermentation	UGC-MJRP	Pati, B.R., Prof. (M) Vidyasagar University Department of Microbiology Midnapore - 721 102 West Bengal	8.44	36
932	Production of thermostable alkaline xylanase by <i>Bacillus stearothermophilus</i> for application in paper & pulp industries	UGC-MJRP	Sharma, J., Dr. (M) Kurukshetra University Department of Biotechnology Kurukshetra - 136 119 Haryana	11.29	36
933	Production properties & application of some enzymes immobilized onto polymeric support materials (through physical adsorption/chemical linkage using spacer molecules)	UGC-MJRP	Bahadur, A., Dr. (F) Sir P.T.S. College of Science Department of Zoology Surat - 395 003 Gujarat	6.66	36
934	Proteomic analysis of <i>Escherichia coli</i> grown under heavy metals stress	UGC-MJRP	Kumari, J.P., Dr. (F) Sri Venkateswara University Department of Microbiology, P.G. Centre Kavli - 524 201 Andhra Pradesh	6.72	36
935	Purification & cloning of cytokinin oxidase gene for metabolic engineering in <i>Withania somnifera</i> (L) Dunal	UGC-MJRP	Shajahan, A., Dr. (M) Jamal Mohamed College P.G. & Research Department of Botany Tiruchirappalli - 620 024 Tamil Nadu	5.34	36
936	Purification, characterization & expression of arginase isoenzymes in an ureogenic freshwater air-breathing teleost; heteropneustes fossilis: An evolutionary approach	UGC-MJRP	Ratha, B.K., Prof. (M) Banaras Hindu University Department of Zoology Varanasi - 221 005 Uttar Pradesh	10.52	36
937	RAPD-PCR based biomarker system for genetic analysis of the social insects	UGC-MJRP	Jain, S.K., Dr. (M) Dr. Harisingh Gaur Vishwavidyalaya Department of Biotechnology Sagar - 470 001 Madhya Pradesh	8.17	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
938	Rapid identification & evolutionary relationship of selected Indian species of phoma by using RAPID-PCR & its - rDNA sequencing	UGC-MJRP	Rai, M.K., Dr. (M) Sant Gadge Baba Amravati University Department of Biotechnology Amravati - 444 602 Maharashtra	8.36	36
939	Regeneration studies of <i>Artocarpus Lakoocha</i> Roxb. & <i>Terminalia Chebula</i> Retz. Using micro - & macro - propagation techniques	UGC-MJRP	Singh, K.J., Dr. (M) Panjab University Department of Botany Chandigarh - 160 014 Chandigarh	4.90	36
940	Regulation of trehalose metabolism in <i>Saccharomyces cerevisiae</i> by protein methylation - demethylation	UGC-MJRP	Ghosh, S., Dr. (F) Presidency College Department of Botany, 86/1, College Street Kolkata - 700 073 West Bengal	6.70	36
941	Remodeling of fatty acids in phosphatidylcholine rat liver as a model system	UGC-MJRP	Nachiappan, V., Dr. (F) Bharathidasan University Department of Bio-Chemistry Tiruchirappalli - 620 024 Tamil Nadu	10.90	36
942	Reproductive biology of piscine ectoparasite <i>Anulus</i> Sp. (Crustacea Branchiura) with special emphasis on vitellogenesis	UGC-MJRP	Saha, S.K., Mr. (M) Visva Bharati Department of Zoology, Siksha Bhavana Santiniketan - 731 235 West Bengal	9.32	36
943	Reproductive Isolation in <i>Drosophila</i>	UGC-MJRP	Singh, B.N., Prof. (M) Banaras Hindu University Department of Zoology Varanasi - 221 005 Uttar Pradesh	8.44	36
944	Role of oxidative stress in mediating apoptotic dysregulation in seminiferous epithelium: An experimental study using albino rats	UGC-MJRP	Prakash, S., Dr. (M) Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences Department of Anatomy, Chennai - 600 030 Tamil Nadu	7.88	36
945	Role of polyamines in regarding the development & differentiation program of <i>dictyostelium discoideum</i>	UGC-MJRP	Saran, S., Dr. (F) Jawaharlal Nehru University Department of Zoology, School of Life Science New Delhi - 110 067 Delhi	8.58	36
946	Role of toxicants for management of rodents in Jaipur	UGC-MJRP	Sahni, K., Dr. (F) Vedic Kanya (P.G.) Mahavidyalaya Department of Zoology, Rajapark Jaipur - 302 004 Rajasthan	8.33	36
947	Role of Universally conserved A2602 of Bacterial 23S Ribosomal Rna in the release of nascent peptide during ribosome mediated protein folding	UGC-MJRP	Barat, C., Dr. (F) St. Xavier's College Department of Biotechnology Kolkata - 700 016 West Bengal	12.00	36
948	Screening for & characterization of trichosanthin a seed protein with anti-HIV activity from Indian species of Cucurbits	UGC-MJRP	Rao, M.V.S., Mr. (M) Andhra University Department of Botany Visakhapatnam - 530 003 Andhra Pradesh	9.34	36
949	Screening & evaluation of potential medicinal plants & microbial products for their anti-quorum sensing activity: A novel approach in search of anti-infective compounds	UGC-MJRP	Ahmad, I., Dr. (M) Aligarh Muslim University Department of Microbiology Aligarh - 202 002 Uttar Pradesh	10.28	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
950	Screening of Marine bioresources for antibacterial compounds which promote survival of <i>C. elegans</i> & human intestinal epithelial cells infected with human pathogens	UGC-MJRP	Balamurugan, K., Dr. (M) Alagappa University Department of Biotechnology Karaikudi - 630 003 Tamil Nadu	11.77	36
951	Screening white - rot fungi for laccase production & its application in depolarization of dyes in waste water	UGC-MJRP	Vasdev, K., Dr. (F) Gargi College Department of Microbiology, Siri Fort Road New Delhi - 110 049 Delhi	10.86	36
952	Seed germination & establishment of seedling of Endemic Dipterocarps of Western Ghats Role of Mycorrhizae & nutrients	UGC-MJRP	Chandrashekar, K.R., Dr. (M) Mangalore University Department of Botany Mangal Gangotri - 574 199 Karnataka	6.92	36
953	Species diversity, distribution & abundance of Benthic Macro invertebrates of Mangroves, Pondicherry	UGC-MJRP	Khan, A.B., Prof. (F) Pondicherry University Dept. of Environmental Science Puducherry - 605 014 Puducherry	11.28	36
954	Strategies for Biosurfactant production from industrial wastes	UGC-MJRP	Dubey, K.V., Dr. (F) Sevadal Mahila Mahavidyalaya Department of Microbiology & Biotechnology Nagpur - 440 009 Maharashtra	10.03	36
955	Structural & functional characterization of a lethal mutation of ubiquitin in <i>saccharomyces cerevisiae</i> to pinpoint the role of mutated residues in ubiquitin biology	UGC-MJRP	Prabha, C.R., Dr. (F) M.S. University of Baroda Department of Bio-Chemistry Vadodara - 390 002 Gujarat	10.70	36
956	Studies in diversity or Orchid flora of Darjeeling Himalaya	UGC-MJRP	Bhujel, R.B., Dr. (M) Kalimpong College Department of Botany, Kalimpong Darjeeling - 734 301 West Bengal	6.37	36
957	Studies of manogonot rotifer with reference to developmental polymorphism	UGC-MJRP	Banik, S., Dr. (F) Tripura University Department of Zoology Suryamaninagar - 799 130 Tripura	6.65	36
958	Studies on <i>Alternaria Solani</i> (Eills & Martin) Jones & Groat causing early blight of tomato with reference to its molecular diversity & management using different fungicides	UGC-MJRP	Jite, P.K., Dr. (F) Pune University Department of Botany Pune - 411 007 Maharashtra	7.65	36
959	Studies on bio control of larval aedes aegypti (Diptera: Culicidae) by copepods in peri urban breeding sites of South Chennai	UGC-MJRP	Ramanibai, R., Dr. (F) Madras University Department of Zoology, Guindy Campus Chennai - 600 025 Tamil Nadu	8.64	36
960	Studies on Ca ²⁺ independent highly thermostable beta amylase from mesophilic bacterium <i>Bacillus</i> sp DJ5	UGC-MJRP	Jana, S.C., Dr. (M) Bidhannagar College Department of Microbiology, Salt Lake City, EB-2 Kolkata - 700 064 West Bengal	8.35	36
961	Studies on impact on storage fungi in oil seed deterioration & their eco-friendly management	UGC-MJRP	Mangesh, C.A., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Department of Botany Aurangabad - 431 004 Maharashtra	10.78	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
962	Studies on macronuclear genome & molecular phylogeny of genus Blepharisma	UGC-MJRP	Saxena, R.K., Dr. (M) Sri Venkateswara College Department of Zoology, Benito Juarez Road New Delhi - 110 021 Delhi	10.79	36
963	Studies on the biological constraints of rock bee <i>Apis dorsata</i> Fabr. in Southern Karnataka	UGC-MJRP	Basavarajappa, S., Dr. (M) Mysore University Department of Zoology, Manasagangotri Mysore - 570 006 Karnataka	6.69	36
964	Studies on the Chironomid midges of Kolkata metropolis in relation to nasobronchial disorders	UGC-MJRP	Saha, G.K., Dr. (M) Calcutta University Department of Zoology, 35, B.C. Road Kolkata - 700 019 West Bengal	9.33	36
965	Studies on the expression & regulation of natriuretic peptide receptors during the development of cardiac hypertrophy & heart failure in rats	UGC-MJRP	Vellaiachamy, E., Dr. (M) Madras University Department of Bio-Chemistry Chennai - 600 025 Tamil Nadu	9.24	36
966	Studies on the taxonomy & diversity of Acridoidea (Orthoptera) in North - Eastern States of India	UGC-MJRP	Usmani, M.K., Dr. (M) Aligarh Muslim University Department of Zoology Aligarh - 202 002 Uttar Pradesh	9.19	36
967	Studies on the toxic effect of bio-active compounds extracted from euphorbious plants on non-target organism	UGC-MJRP	Singh, A., Dr. (M) Deendayal Upadhyaya University of Gorakhpur Department of Zoology Gorakhpur - 273 009 Uttar Pradesh	6.32	36
968	Studies on vermicompost of the different animal & agro wastes & their effect on the growth of certain plants	UGC-MJRP	Singh, K., Dr. (M) Deendayal Upadhyaya University of Gorakhpur Department of Zoology Gorakhpur - 273 009 Uttar Pradesh	6.12	36
969	Studies on Wolbachia - Uzi fly interaction & its implication in Uzi fly specialization	UGC-MJRP	Puttaraju, H.P., Dr. (M) Bangalore University Department of Sericulture/Life Science Bengalooru - 560 056 Karnataka	7.33	36
970	Study on feeding ecology of threatened Cheer pheasant <i>Catreus Wallichii</i> : Faecal analysis & distribution in Garhwal Himalaya	UGC-MJRP	Bisht, M.S., Dr. (M) Hemwati Nandan Bahuguna Garhwal University Department of Zoology Pauri - 246 001 Uttarakhand	7.04	36
971	Study on polymorphism in a chemokine & its receptor in systemic Lupus Erythematosus patients in North Indian population	UGC-MJRP	Bhatnagar, A., Dr. (F) Panjab University Department of Bio-Chemistry Chandigarh - 160 014 Chandigarh	11.05	36
972	Study the microbial diversity in Hot Water Springs of Himachal Pradesh using 23S rRNA approach	UGC-MJRP	Batra, N., Dr. (M) G.G.D.S.D. College Department of Biotechnology, Sector 32 C Chandigarh - 160 030 Chandigarh	6.45	36
973	Taxonomic studies of the helminths infecting fresh water food fishes of Manipur	UGC-MJRP	Singh, M.S., Dr. (M) Thambal Marik College Department of Zoology, Oiniam P.O. Nambol - 795 138 Manipur	7.41	36

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
974	The influence of prenatal Vedic procedures on the maternal health Blastula implant & mental & physical development of the fetus	UGC-MJRP	Bohare, A., Dr. (F) Mata Gujri Women's College Department of Zoology Jabalpur - 482 002 Madhya Pradesh	10.50	36
975	To explore the potential of endomycopsis capsularis for industrial application	UGC-MJRP	Indu, Dr. (F) G.G.D.S.D. College Department of Zoology, Sector-32 C Chandigarh - 160 014 Chandigarh	6.69	36
976	To study the immunoprophylactic potential of protein expressed on the placental surface of Plasmodium berghei infected mice	UGC-MJRP	Pathak, G.S.N., Dr. (F) Panjab University Department of Microbiology Chandigarh - 160 014 Chandigarh	10.97	36
977	Toxic effects & agricultural hazards of some of the pesticides on the embryonic stages of stech chick....	UGC-MJRP	Datta, S., Dr. (M) East Calcutta Girl's College Department of Zoology, Lake Town Link Road Kolkata - 700 089 West Bengal	5.22	36
978	Transgenic plants against fungal pathogens	UGC-MJRP	Palanivelu, P., Dr. (M) Madurai Kamaraj University Department of Biotechnology Madurai - 625 021 Tamil Nadu	10.01	36
979	Utilization of herbals in the diseases management of silkworm bombyx mori L.	UGC-MJRP	Bhawane, G.P., Dr. (M) Shivaji University Department of Zoology Kolhapur - 416 004 Maharashtra	5.73	36
980	A study on the decomposition of waste paper in a grassland & a barren land in Tanhril, Aizawl	UGC-MNRP	Devi, A.S., Dr. (F) Mizoram University Dept. of Environmental Science Aizawl - 796 012 Mizoram	0.95	24
981	Alleviation of drought stress in connection with polyamine status in root of some rice cultivars	UGC-MNRP	Adak, M.K., Dr. (M) Kalyani University Department of Botany Kalyani - 741 235 West Bengal	0.70	24
982	Antimicrobial activities of Bryophytes in Kumaun Himalaya	UGC-MNRP	Pande, N., Dr. (F) Kumaun University Department of Botany Nainital - 263 002 Uttarakhand	1.00	24
983	Bioefficiency & taxonomical analysis of entomopathogenic nematodes of Manipur	UGC-MNRP	Meitei, N.M., Dr. (M) Manipur University Department of Zoology, Canchipur Imphal - 795 003 Manipur	0.85	24
984	Characterization & molecular identification of water borne enteric pathogens	UGC-MNRP	Kumar, S., Dr. (M) Dr. R.M.L. Avadh University Department of Microbiology Faizabad - 224 001 Uttar Pradesh	0.90	24
985	Characterization of the molecular mechanisms involved developmental endocrine disruptions by Lead & Cadmium	UGC-MNRP	Pillai, P., Mr. (M) M.S. University of Baroda Department of Zoology Vadodra - 390 020 Gujarat	0.80	24

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
986	Ecotoxicological study of the River Ganga & its tributaries in & around Patna (Bihar)	UGC-MNRP	Paul, D.K., Dr. (M) Patna University Department of Zoology Patna - 800 005 Bihar	1.00	24
987	Effect of Melatonin on some molecular aspects of Teleost fin regeneration	UGC-MNRP	Devakar, R.V., Dr. (M) M.S. University of Baroda Department of Zoology Vadodara - 390 002 Gujarat	0.90	24
988	Efficacy of native Larvivorous fishes against the Chikungunya Vector, Aedes Aegypti	UGC-MNRP	Manimegalai, K., Dr. (M) Avinashilingam Institute for Home Science & Higher Education for Women Department of Zoology Coimbatore - 641 043 Tamil Nadu	1.00	24
989	Evaluation of the Antioxidant potential of Spirulina & Vitamin C in Cisplatin induced Nephrotoxicity	UGC-MNRP	Bhattacharya, S., Dr. (F) Panjab University Department of Bio-Physics Chandigarh - 160 014 Chandigarh	1.00	24
990	Heavy metal removal using electrocoagulation/Electroflocculation	UGC-MNRP	Bhatti, M.S., Mr. (M) Guru Nanak Dev University Department of Botany Amritsar - 143 005 Punjab	1.00	24
991	Nickel Toxicity on male reproductive organs of Wistar rats	UGC-MNRP	Nair, N., Dr. (F) Rajasthan University Department of Zoology Jaipur - 302 004 Rajasthan	0.90	24
992	Screening production & characterization of fungal exopolysaccharides	UGC-MNRP	Rahi, D.K., Dr. (M) Panjab University Department of Microbiology Chandigarh - 160 014 Chandigarh	0.50	24
993	Studies on dengue vector stegomyia aegypti (Aedes aegypti) & its control by bacterial insecticides	UGC-MNRP	Chatterjee, S., Dr. (M) Burdwan University Department of Zoology, Gopalbag Burdwan - 713 104 West Bengal	1.00	24
994	Studies on in Vitro development of gametophyte cytology & phytochemistry of Ophiolossom	UGC-MNRP	Gaikwad, N.B., Dr. (M) Shivaji University Department of Botany (Cytogenetics & Plant Breeding) Kolhapur - 416 004 Maharashtra	1.00	24
995	Studies on lymphatic filariasis & its related vector(s) at Bankura, West Bengal, India	UGC-MNRP	Mandal, B., Dr. (M) Vidyasagar University Department of Zoology Midnapore - 721 102 West Bengal	0.70	24
996	Study of Flavonoids, seed protein & isozymes of some species of Desmodium Desv	UGC-MNRP	Ahmad, N., Dr. (M) Patna University Department of Botany (Molecular Systematics & Ecology) Patna - 800 003 Bihar	0.90	24
997	Thyroid dysfunction & its effect on glucose homeostasis in Rat	UGC-MNRP	Das, M., Dr. (M) Calcutta University Department of Zoology, 35, B.C. Road Kolkata - 700 075 West Bengal	0.97	24

BROAD SUBJECT AREA : BIOLOGICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
998	Tissue culture & antimicrobial properties of some endangered medicinal plant species	UGC-MNRP	Sinha,S.N., Dr. (M) Kalyani University Department of Microbiology Kalyani - 741 235 West Bengal	0.89	24
999	To isolate & characterize the synergistic compounds of Lactams against Methicillin resistant staphylococcus aureus strains from selected plant extracts	UGC-MNRP	Uma,A., Dr. (F) Jawaharlal Nehru Technological University Department of Botany (Life Sciences), Institute of Science & Technology Hyderabad - 500 085 Andhra Pradesh	1.00	24
Total Cost of 777 Projects Under: <i>Biological Sciences</i>				33,802.32	

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
1000	Environmental catalysis-catalytic oxidation for sustainable processes & drug degradation	AICTE-RP	Jayaram,R.V., Ms. (F) University Institute of Chemical Technology Department of Chemistry, Matunga Mumbai - 400 019 Maharashtra	13.15	24
1001	Modified waste media for economically viable removal of selected metallic species (AS, CD, CR & PB) from industrial effluents	AICTE-RP	Sharma,Y.C., Mr. (M) Banaras Hindu University Institute of Technology Varanasi - 221 005 Uttar Pradesh	19.50	24
1002	Solid waste management: Energy efficient process to recycle waste paper	AICTE-RP	Sahu,D.K., Mr. (M) C.V.R. College of Engineering Department of Chemistry Bhubaneswar - 752 054 Orissa	13.60	24
1003	Utilization of microwave irradiation for the synthesis of some pharmaceutically important organic compounds	AICTE-RP	Singh,K.N., Mr. (M) Banaras Hindu University Institute of Technology Varanasi - 221 005 Uttar Pradesh	10.00	24
1004	Aspartic protease inhibitors in host - pathogen interactions	CSIR-ES	Rao,M., Dr. (F) National Chemical Laboratory Biochemical Science Division Pune - 411 008 Maharashtra	14.46	36
1005	Biomonitoring & chronic neurotoxicity of organophosphorous pesticide exposure among children of agricultural workers in rural areas adjoining Lucknow city	CSIR-ES	Rastogi,S.K., Dr. (M) Industrial Toxicology Research Centre Lucknow - 226 001 Uttar Pradesh	14.46	36
1006	Distribution nature, sources & fate of carbohydrates in the marine environments of India	CSIR-ES	Bhosle,N.B., Dr. (M) National Institute of Oceanography Goa - 403 003 Goa	14.46	36
1007	High resolution solid state NMR methods & studies of dynamics rheology & miscibility of polymeric systems	CSIR-ES	Ganapathy,S., Dr. (M) National Chemical Laboratory Pune - 411 008 Maharashtra	14.46	36
1008	Interaction of modulated polyaza macrocyclic complex with DNA: An in vitro study	CSIR-ES	Siddiqi,K.S., Prof. (M) Aligarh Muslim University Department of Chemistry Aligarh - 202 002 Uttar Pradesh	14.46	36
1009	Nanoscale ruthenium based meso - porous materials for Ammonia synthesis	CSIR-ES	Viswanath,R.P., Prof. (M) Indian Institute of Technology (M) Department of Chemistry Chennai - 600 036 Tamil Nadu	14.46	36
1010	Screening & development of natural colours on textiles from dye -yielding plants	CSIR-ES	Das,N.B., Dr. (M) Institute of Minerals & Materials Technology Bhubaneswar - 751 013 Orissa	14.46	36
1011	Study of some aspects of GPIT (Generalized Phenomenological Irreversible Thermodynamic Theory), MNET (Mesoscopic Non Equilibrium Thermodynamics) FTT including a study of thermodynamic stability of real processor via CTTS & optimization of processes	CSIR-ES	Bhalekar,A.A., Dr. (M) R.T.M. Nagpur University Department of Chemistry Nagpur - 440 001 Maharashtra	14.46	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1012	Synthesis & study of the physical properties of ether - backbone RNA analogs	CSIR-ES	Bhattacharya, A., Dr. (M) Indian Institute of Chemical Biology Kolkata - 700 032 West Bengal	14.46	36
1013	Synthesis, structure & catalytic properties of Cu, Pd, Pt ion substituted Cel - X Zr x O ₂ Cel - X TiO ₂ & TiO ₂	CSIR-ES	Hegde, M.S., Prof. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	14.46	36
1014	Trend in Chemical composition of precipitation & aerosol at background levels in the East Coast of India	CSIR-ES	Das, S.N., Dr. (M) Regional Research Laboratory Bhubaneswar - 751 013 Orissa	14.46	36
1015	Ultrasonically assisted & microwave irradiated Vilsmeier - Haack reactions with organic compounds in non aqueous solvents - A novel kinetic & synthetic approach	CSIR-ES	Prakash, P.K.S., Prof. (M) Osmania University Department of Chemistry Hyderabad - 500 007 Andhra Pradesh	14.46	36
1016	A study on synthesis, structure & reactivity of organobimetallic complexes containing sulfide/disulfide ligand	CSIR-GS	Bhattacharya, S., Dr. (M) Banaras Hindu University Department of Chemistry Varanasi - 221 005 Uttar Pradesh	11.66	36
1017	Architecture of complex compounds: Structural aspects & magneto - structural correlation	CSIR-GS	Mitra, S., Prof. (M) Jadavpur University Department of Chemistry Kolkata - 700 032 West Bengal	14.76	36
1018	Arsenic remediation from water & green oxidation of organics with high - valent iron on solid support	CSIR-GS	Tandon, P.K., Dr. (M) Allahabad University Department of Chemistry Allahabad - 211 002 Uttar Pradesh	11.36	36
1019	ATP substrate transition state analogs: A rational approach to target insulin - like growth factor-1 receptor kinase	CSIR-GS	Manheri, M.K., Dr. (M) Indian Institute of Technology (M) Department of Chemistry Chennai - 600 036 Tamil Nadu	16.26	36
1020	Bent metallocenes: Modeling their structure & catalytic activity in organic transformations	CSIR-GS	Venuvanalagam, P., Dr. (M) Bharathidasan University Department of Chemistry Tiruchirappalli - 620 024 Tamil Nadu	12.26	36
1021	Bioactive C-19 & C-20 diterpenoid alkaloids from the high altitude Himalayan genus Aconitum	CSIR-GS	Khetwal, K.S., Prof. (M) Kumaun University Department of Chemistry Nainital - 263 002 Uttarakhand	12.56	36
1022	Biopharmaceutical modification of lipid - based particulate carriers for improved delivery of chemotherapeutic agents	CSIR-GS	Nagarsenker, M.S., Dr. (F) Bombay College of Pharmacy Mumbai - 400 098 Maharashtra	8.76	36
1023	Chemistry of α , β - ditosyloxyketones: Synthesis, reactivity & applications in organic synthesis	CSIR-GS	Prakash, O.M., Dr. (M) Kurukshetra University Department of Chemistry Kurukshetra - 136 119 Haryana	10.86	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1024	Conformational studies of rationally designed glycopeptides: Investigation of glycosylation effect on protein secondary structures	CSIR-GS	Muthu,D., Dr. (M) National Institute of Pharmaceutical Education & Research Department of Medicinal Chemistry Mohali - 160 062 Punjab	16.26	36
1025	Conformational analysis & docking studies on amyloid forming polypeptides by quantum chemical studies	CSIR-GS	Malar,E.J.P., Dr. (F) Madras University Chennai - 600 113 Tamil Nadu	7.66	36
1026	Conformationally rigid amino acids: Synthesis & their application towards the designing of new chiral ligands	CSIR-GS	Ramanathan,C.R., Dr. (M) Pondicherry University Department of Chemistry Puducherry - 605 014 Puducherry	13.76	36
1027	Controlled graft copolymerization onto cellulose using binary mixtures of monomers	CSIR-GS	Gupta,K.C., Dr. (M) Indian Institute of Technology (R) Department of Chemistry Roorkee - 247 667 Uttarakhand	11.76	36
1028	Crystal engineering studies on derivatives containing 2 amide & pyridine functional groups: Design & applications	CSIR-GS	Biradha,K., Dr. (M) Indian Institute of Technology (Kh) Department of Chemistry Kharagpur - 721 302 West Bengal	13.26	36
1029	Design & development of novel heterofused - pyrimidines as possible antiasthmatic agents with selective adenosine antagonism	CSIR-GS	Akkinepally,R.R., Prof. (M) Panjab University Medicinal Chemistry Division Chandigarh - 160 014 Chandigarh	12.36	36
1030	Design & synthesis of metal assembled supramolecular solids: Structure & magnetism	CSIR-GS	Ali,M., Prof. (M) Jadavpur University Department of Chemistry Kolkata - 700 032 West Bengal	11.26	36
1031	Design of targeting ligands in medicinal inorganic chemistry: Synthesis, characterization & 3D - molecular modeling of some metal chelates: Involving aminosugar relevant to clinical ecology & potential anti - Hyperglycemic agents	CSIR-GS	Maurya,R.C., Prof. (M) Mody Institute of Science & Technology Department of Chemistry Sikar - 332 311 Rajasthan	13.76	36
1032	Design, synthesis & pharmacological investigation of novel 2, 3 -disubstituted quinazolin - 4 (3H) - ones as non - sedative H1 -antihistaminic agents	CSIR-GS	Alagarsamy,V., Dr. (M) D.S. College of Pharmacy Bengalooru - 560 078 Karnataka	15.36	36
1033	Development & characterization of ARV (Antiretroviral) therapy (ART) based prolonged release drug delivery systems for treatment of AIDS	CSIR-GS	Sinha,V.R., Prof. (M) Panjab University University Institute of Pharma Science Chandigarh - 160 014 Chandigarh	9.26	36
1034	Development of analytical methods combining chemometry & synchronous fluorescence: Analysis of multifluorophoric systems containing Polycyclic Aromatic Compounds (PAC)	CSIR-GS	Mishra,A.K., Prof. (M) Indian Institute of Technology (M) Department of Chemistry Chennai - 600 036 Tamil Nadu	13.26	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1035	Development of light & electrically switchable polymeric materials	CSIR-GS	Kannan,P., Dr. (M) Anna University Department of Chemistry Chennai - 600 025 Tamil Nadu	11.26	36
1036	Development of new herbal formulation from the leaves of Cinnamomum tamal NEES & EBERM for the management of Diabetes & its complication - Diabetic Nephropathy	CSIR-GS	Tripathi,Y.B., Prof. (M) Banaras Hindu University Institute of Medical Science Varanasi - 221 005 Uttar Pradesh	13.76	36
1037	Development of new methods for synthesis of 2 - substituted cyclobutanone & chiral cyclopropanol	CSIR-GS	Singh,V.K., Dr. (M) Indian Institute of Technology (K) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	15.26	36
1038	Development of polymer supported Zeigler - Natta catalyst for propylene polymerization in slurry process	CSIR-GS	Dolui,S.K., Prof. (M) Tezpur University Department of Chemical Science Tezpur - 784 028 Assam	12.41	36
1039	Development of stereoselective processes from Lewis acid complexes of tertiary amines	CSIR-GS	Singh,K.N., Dr. (M) Panjab University Department of Chemistry Chandigarh - 160 014 Chandigarh	12.26	36
1040	Development of technology for refining & detoxification on non traditional oils such as Karanja (Pongamia glabra) & Neem (Azadirachta indica) oils using polymeric membranes	CSIR-GS	De,B.K., Dr. (M) Sardar Patel University Vallabh Vidyanagar - 388 120 Gujarat	14.26	36
1041	Electronic structure of semiconductor quantum dots & diluted magnetic semiconductors	CSIR-GS	Sarkar,P., Prof. (M) Visva Bharati Department of Chemistry Santiniketan - 731 235 West Bengal	8.66	36
1042	Engineering the nonwoven structure for wetting applications	CSIR-GS	Rengasamy,R.S., Dr. (M) Indian Institute of Technology (D) Department of Textile Technology New Delhi - 110 016 Delhi	10.39	36
1043	Functionalisation of pyrrole by dicyclopentadienyl zirconium complex	CSIR-GS	Nair,V.A., Dr. (M) National Institute of Pharmaceutical Education & Research Department of Medicinal Chemistry Mohali - 160 062 Punjab	14.51	36
1044	Heterocycle based multitasking compound	CSIR-GS	Singh,P., Dr. (M) Guru Nanak Dev University Department of Chemistry Amritsar - 143 005 Punjab	12.76	36
1045	Interaction of copper (II) complexes with DNA: Study of covalent binding & DNA cleavage	CSIR-GS	Palaniandavar,M., Dr. (M) Bharathidasan University School of Chemistry Tiruchirappalli - 620 024 Tamil Nadu	12.26	36
1046	Investigation of scale formation & its mitigation by using different polyelectrolyte in heat exchange equipments	CSIR-GS	Naik,J.B., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Department of Chemical Technology Aurangabad - 431 004 Maharashtra	5.00	24

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1047	Investigation of thermal decomposition studies of 1, 1 & 1, 2 -Difluoroethane behind reflected shock waves between 750-2500 K: Establishment of Single Pulse Shock Tube (SPST) facility	CSIR-GS	Rjakumar,B., Dr. (M) Indian Institute of Technology (M) Department of Chemistry Chennai - 600 036 Tamil Nadu	14.76	36
1048	Isolation & characterization of certain medicinal plants of manipur having anti-diabetic properties	CSIR-GS	Singh,L.W., Dr. (M) Manipur University Department of Chemistry Imphal - 795 003 Manipur	13.26	36
1049	Mechanistic analysis of electron - transfer processes using convolution potential sweep voltammetry	CSIR-GS	Sangaranarayana,M.V., Prof. (M) Indian Institute of Technology (M) Department of Chemistry Chennai - 600 036 Tamil Nadu	11.51	36
1050	Mechanistic investigations of transition metal ions catalysed reactions of industrially important drugs by stopped flow technique	CSIR-GS	Nandibewoor,S.T., Dr. (M) Karnatak University P. G. Department of Studies in Chemistry Dharwad - 580 003 Karnataka	12.36	36
1051	Mechanistic studies on redox reactions of multinuclear multivalent manganese complexes in solution	CSIR-GS	Mukhopadhyay,S., Dr. (M) Jadavpur University Department of Chemistry Kolkata - 700 032 West Bengal	14.76	36
1052	Metal - directed self - assembled supramolecular structures: Macrocyclic, polynuclear & host - guest complexation	CSIR-GS	Singh,V.K., Dr. (M) M.S. University of Baroda Department of Chemistry Vadodara - 390 002 Gujarat	13.76	36
1053	Metal complexes designed with group 15 & 16 ligands & building blocks having silicon containing backbones & their structural chemistry formation of supramolecular assemblies	CSIR-GS	Singh,A.K., Dr. (M) Indian Institute of Technology (D) Department of Chemistry New Delhi - 110 016 Delhi	17.26	36
1054	Mixed micelle properties of triblock polymers & their applications in material chemistry	CSIR-GS	Banipal,T.S., Dr. (M) Guru Nanak Dev University Department of Applied Chemistry Amritsar - 143 005 Punjab	13.26	36
1055	Molybdenum - based catalysts for organic transformations	CSIR-GS	Chand,D.K., Dr. (M) Indian Institute of Technology (M) Department of Chemistry Chennai - 600 036 Tamil Nadu	13.26	36
1056	Monitoring back folding in dendrimers by forster resonance energy transfer	CSIR-GS	Prasad,E., Dr. (M) Indian Institute of Technology (M) Department of Chemistry Chennai - 600 036 Tamil Nadu	13.26	36
1057	New carbazole derivatives for electro-optics	CSIR-GS	Thomas,K.R.J., Dr. (M) Indian Institute of Technology (R) Department of Chemistry Roorkee - 247 667 Uttarakhand	14.76	36
1058	Nitration of aromatic compounds at high concentrations of sulfuric acid	CSIR-GS	Ghosh,P., Dr. (M) Indian Institute of Technology (G) Department of Chemical Engineering Guwahati - 781 039 Assam	10.96	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1059	Nitrogen & sulfur donor ligands & their transition metal complexes as novel therapeutic agent for cancer chemotherapy	CSIR-GS	Singh, N.K., Prof. (M) Banaras Hindu University Department of Chemistry Varanasi - 221 005 Uttar Pradesh	12.36	36
1060	Novel inorganic compounds through hydro/solvothermal methods	CSIR-GS	Natarajan, S., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	9.90	36
1061	Novel n extended thiophene - acene hybrid materials	CSIR-GS	Bhalla, V., Dr. (F) Guru Nanak Dev University Department of Chemistry Amritsar - 143 005 Punjab	14.76	36
1062	Novel organoruthenium (III) metallacycles: New catalysts for transfer hydrogenation of ketones	CSIR-GS	Ramesh, R., Dr. (M) Bharathidasan University School of Chemistry Tiruchirappalli - 620 024 Tamil Nadu	13.64	36
1063	OPTO - electronic properties of conducting polymers	CSIR-GS	Pati, S.K., Prof. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Theoretical Sciences Unit Bengaluru - 560 064 Karnataka	7.71	36
1064	Organocatalyzed asymmetric ring opening of epoxides	CSIR-GS	Chimni, S.S., Dr. (M) Guru Nanak Dev University Department of Chemistry Amritsar - 143 005 Punjab	15.96	36
1065	Photo - induced Charge Transfer (CT) processes of some new donor acceptor systems: A study of size selected clusters in supersonic molecular beam	CSIR-GS	Guchhait, N., Dr. (M) Calcutta University Department of Chemistry Kolkata - 700 009 West Bengal	11.76	36
1066	Photoassisted reduction of toxic metal ions in the form of complexes in aqueous media using polycrystalline semiconductor particles	CSIR-GS	Anbalagan, K., Dr. (M) Pondicherry University Department of Chemistry Puducherry - 605 014 Puducherry	10.76	36
1067	Photochemical H-abstraction in some dialkoxanthraquinones	CSIR-GS	Yusuf, M., Dr. (M) Punjabi University Department of Chemistry Patiala - 147 002 Punjab	9.76	36
1068	Photochromism based on C-O bond heterolysis: Mechanistic insights & modified benzopyrans toward improved photobehavior	CSIR-GS	Moorthy, J.N., Dr. (M) Indian Institute of Technology (K) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	10.50	36
1069	Photoinduced electron transfer reactions in novel silica - based organic - inorganic hybrid materials	CSIR-GS	Ganesan, V., Dr. (M) Banaras Hindu University Department of Chemistry Varanasi - 221 005 Uttar Pradesh	11.76	36
1070	Photoinduced electron transfer, energy transfer & related photophysical aspects of some biomolecules and	CSIR-GS	Ghosh, S., Prof. (M) Presidency College Department of Chemistry Kolkata - 700 073 West Bengal	11.96	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1071	Photophysics & relaxation dynamics of some biological photosensitizers in confined systems	CSIR-GS	Chattopadhyay,N., Dr. (M) Jadavpur University Department of Chemistry Kolkata - 700 032 West Bengal	14.76	36
1072	Phytochemical based multifunctional polymeric hydrogel dressing for superficial burn wounds	CSIR-GS	Koul,V., Dr. (F) Indian Institute of Technology (D) Centre for Biomedical Engineering New Delhi - 110 016 Delhi	8.14	24
1073	Polymer/peptide templated synthesis of size & shape - tunable metal/metal oxide nanoparticles	CSIR-GS	Mandal,T.K., Dr. (M) Indian Association for the Cultivation of Science Polymer Science Unit Kolkata - 700 032 West Bengal	13.26	36
1074	Preparation of diols via hydroformulation & hydrogenation reaction	CSIR-GS	Bhanage,B.M., Prof. (M) University Institute of Chemical Technology Department of Chemistry, Matunga Mumbai - 400 019 Maharashtra	11.46	36
1075	Protein adsorption on nanocrystalline films of TiO ₂ & SnO ₂ & Nanoporous carbon: An Immobilization strategy	CSIR-GS	Pandian,K., Dr. (M) Madras University Department of Inorganic Chemistry Chennai - 600 025 Tamil Nadu	7.71	36
1076	Quinoline alkaloids: Synthesis of diastereomeric pyrano/thiopyrano annulatedquinolines	CSIR-GS	Singh,R.M., Dr. (M) Banaras Hindu University Department of Chemistry Varanasi - 221 005 Uttar Pradesh	13.76	36
1077	Radical cyclisation methodology in the synthesis of pyrimidine derivatives	CSIR-GS	Thakur,A.J., Dr. (F) Tezpur University Department of Chemical Science Tezpur - 784 028 Assam	13.26	36
1078	Rational design of dimerizable & targetable cationic peptide amphiphiles for non - viral gene delivery	CSIR-GS	Srilakshmi,P.V., Dr. (F) National Institute of Technology (Warangal) Department of Chemistry Warangal - 506 004 Andhra Pradesh	11.83	36
1079	Selenium for alleviating the side effects of cancer chemotherapy: Synthesis & evaluation of the preventive activity of some organo selenocyanates against cyclophosphamide & cisplatin induced toxicity in mice	CSIR-GS	Bhattacharya,S., Dr. (M) Chittaranjan National Cancer Research Centre Department of Cancer Chemoprevention Kolkata - 700 026 West Bengal	15.26	36
1080	Shaping of microporous & mesoporous molecular sieves for industrially important organic transformations	CSIR-GS	Murugesan,V., Prof. (M) Anna University Department of Chemistry Chennai - 600 025 Tamil Nadu	9.66	36
1081	Single crystal electron paramagnetic resonance studies on paramagnetic hosts doped with paramagnetic transition metal ions	CSIR-GS	Rao,P.S., Prof. (M) Pondicherry University Department of Chemistry Puducherry - 605 014 Puducherry	13.11	36
1082	Spectroscopic & thermodynamic study of polymer - surfactant interactions using acid - base equilibrium of dyes	CSIR-GS	Saikia,P., Dr. (M) Derrang College Department of Chemistry Tezpur - 784 001 Assam	11.76	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1083	Spin - chemistry of photo - generated radical - pairs in Room Temperature Ionic Lipids (RTILs) & in organized molecular assemblies: Studies on some model systems	CSIR-GS	Halder, M., Dr. (M) Indian Institute of Technology (Kh) Department of Chemistry Kharagpur - 721 302 West Bengal	12.66	36
1084	Stabilizing disordered polypeptide conformations: Design & synthesis of covalent peptide backbone spacers	CSIR-GS	Prabhakaran, E.N., Dr. (M) Indian Institute of Science Department of Organic Chemistry Bengalooru - 560 012 Karnataka	16.26	36
1085	Stereospecific synthesis of some nitrogen heterocycles & new synthetic methods	CSIR-GS	Sandhu, J.S., Dr. (M) Punjabi University Department of Chemistry Patiala - 147 002 Punjab	14.56	36
1086	Stimuli responsive materials with nanoscale components	CSIR-GS	Chattopadhyay, A., Dr. (M) Indian Institute of Technology (G) Department of Chemistry Guwahati - 781 039 Assam	12.76	36
1087	Studies on copper complexes of green tea polyphenols & their effects on the activities of ribonuclease a & angiogenin	CSIR-GS	Dasgupta, S., Dr. (F) Indian Institute of Technology (Kh) Department of Chemistry Kharagpur - 721 302 West Bengal	12.51	36
1088	Studies on dye induced thermochromism in some polymer gel network materials	CSIR-GS	Naorem, H., Prof. (M) Manipur University Department of Chemistry Imphal - 795 003 Manipur	12.66	36
1089	Studies on single molecular magnets of transition metal - lanthanide binuclear complexes & their applications	CSIR-GS	Narayanan, V., Dr. (M) Madras University Department of Inorganic Chemistry Chennai - 600 025 Tamil Nadu	13.26	36
1090	Studies on the synthesis of steroids from diasocarbonyl compounds using transition metal complexes as catalyst	CSIR-GS	Muthusamy, S., Dr. (M) Bharathidasan University School of Chemistry Tiruchirappalli - 620 024 Tamil Nadu	14.51	36
1091	Study of enzymatic hydrolysis of carboxylate & phosphate esters in micelles	CSIR-GS	Ghosh, K.K., Dr. (M) Pt. Ravishankar Shukla University School of Studies in Chemistry Raipur - 492 010 Chhattisgarh	9.26	36
1092	Synthesis & applications of star block copolymers, dendrimers & star gel containing biocompatible block	CSIR-GS	Francis, R., Dr. (M) St. Joseph's College Department of Chemistry Kozhikode - 673 008 Kerala	12.96	36
1093	Synthesis & characterization of nanosized zeolite membranes for dehydration of industrial solvents	CSIR-GS	Krishnaiah, A., Dr. (M) Sri Venkateswara University Department of Chemistry Tirupati - 517 502 Andhra Pradesh	11.36	36
1094	Synthesis & characterization of novel functionalized solid sorbents for online flow injection preconcentrative separation & determination of inorganics by atomic/molecular spectrometric techniques	CSIR-GS	Biju, V.M., Dr. (M) National Institute of Technology (Tiruchirappalli) Department of Chemistry Tiruchirappalli - 620 015 Tamil Nadu	12.51	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1095	Synthesis & Characterization of novel light emitting poly (arylene) s & poly (arylene ether) s & derivative thereof	CSIR-GS	Banerjee, S., Dr. (M) Indian Institute of Technology (Kh) Materials Science Centre Kharagpur - 721 302 West Bengal	11.16	36
1096	Synthesis & liquid crystal behavior of chiral disc-rod oligomers	CSIR-GS	Yelamaggad, C.V., Dr. (M) Centre for Liquid Crystal Research Bengaluru - 560 013 Karnataka	13.76	36
1097	Synthesis & metallation studies of covalently linked core-modified porphyrin - expanded porphyrin, porphyrin - confused porphyrin & expanded porphyrin - confused porphyrin hybrids	CSIR-GS	Ravikanth, M., Dr. (M) Indian Institute of Technology (B) Department of Chemistry Mumbai - 400 076 Maharashtra	16.03	36
1098	Synthesis & optical properties of novel biopolymer: Chitosan derivatives containing non linear optical chromophores	CSIR-GS	Dutta, P.K., Dr. (M) Motilal Nehru National Institute of Technology Department of Chemistry Allahabad - 211 004 Uttar Pradesh	11.76	36
1099	Synthesis & studies of prospective bioactive bicyclic benzothiazepines & tetracyclic benzopyranobenzothiazepines	CSIR-GS	Pant, S., Dr. (F) Lal Bahadur Shastri Govt. (P.G.) College Department of Chemistry Kotputli - 303 108 Rajasthan	10.32	36
1100	Synthesis & study of the properties of stereoregular poly (N -alkylacrylamide) gels	CSIR-GS	Ray, B., Dr. (M) Banaras Hindu University Department of Chemistry Varanasi - 221 005 Uttar Pradesh	13.26	36
1101	Synthesis characterization & ion recognition studies of chromogenic receptors with imine linkages	CSIR-GS	Hundal, G., Dr. (F) Guru Nanak Dev University Department of Chemistry Amritsar - 143 005 Punjab	12.26	36
1102	Synthesis of a candidate surfactant for the membrane based separation of heavy metals	CSIR-GS	Purkait, M.K., Dr. (M) Indian Institute of Technology (G) Department of Chemical Engineering Guwahati - 781 039 Assam	13.26	36
1103	Synthesis of a new class of heterocyclic compounds of pharmacological importance	CSIR-GS	Padmavathi, V., Dr. (F) Sri Venkateswara University Department of Chemistry Tirupati - 517 502 Andhra Pradesh	15.26	36
1104	Synthesis of functionalized bischromones & their utilization in forming macrocycles & other molecular receptors	CSIR-GS	Bandhopadhyay, C., Dr. (M) R.K.M.V.C. College Department of Chemistry Kolkata - 700 116 West Bengal	11.51	36
1105	Synthesis of gold nanoparticles encapsulated TiCM - 41 for photocatalytic Degradation of organic pollutants	CSIR-GS	Anandan, S., Dr. (M) National Institute of Technology (Tiruchirappalli) Department of Chemistry Tiruchirappalli - 620 015 Tamil Nadu	12.06	36
1106	Synthesis of near ultra - violet - blue emitting laser colorants	CSIR-GS	Sekar, N., Dr. (M) University Institute of Chemical Technology Department of Dye Stuff Technology Mumbai - 400 019 Maharashtra	4.80	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1107	Synthesis of new polymer anchored transition metal complexes for the catalytic reduction, oxidation & carbonylation reactions of various organic substrates	CSIR-GS	Islam, S.K.M., Dr. (M) Kalyani University Department of Chemistry Kalyani - 741 235 West Bengal	14.46	36
1108	Synthesis of novel enaminoketones & their application as liquid crystalline metal complexes	CSIR-GS	Singh, O.M., Dr. (M) Manipur University Department of Chemistry Imphal - 795 003 Manipur	15.26	36
1109	Synthesis of novel prochiral organophosphorus compounds & their coordination studies towards	CSIR-GS	Khan, A.A., Dr. (M) Guru Govind Singh Indraprastha University University School of Basic & Applied Science Delhi - 110 006 Delhi	14.76	36
1110	Synthesis of pyridine & carboxylate donor ligands & their metal coordination	CSIR-GS	Bharadwaj, P.K., Prof. (M) Indian Institute of Technology (K) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	8.00	36
1111	Synthesis of pyrrolidophanes through double 1, 3-dipolar cycloaddition reaction involving bisazomethine yields & bisdipolarophiles	CSIR-GS	Ragunathan, R., Dr. (M) Madras University Department of Organic Chemistry Chennai - 600 025 Tamil Nadu	11.76	36
1112	Synthesis of Rh (III) -2,2' - bipyridyl complex having antibacterial activity as well as of chloro	CSIR-GS	Singh, A.K., Dr. (M) Allahabad University Department of Chemistry Allahabad - 211 002 Uttar Pradesh	12.26	36
1113	Synthesis of some chlorine containing steroidal furans & benzosteroids	CSIR-GS	Ram, R.N., Dr. (M) Indian Institute of Technology (D) Department of Chemistry New Delhi - 110 016 Delhi	4.50	36
1114	Synthesis structural electrochemical behaviour & bio-mimetic activity of some new transition metal complexes possessing O, N & S donor sites	CSIR-GS	Patel, R.N., Dr. (M) Awadhesh Pratap Singh University Department of Chemistry Rewa - 486 003 Madhya Pradesh	12.56	36
1115	Synthesis structural studies & reactivities of some manganese & vanadium complexes with oxygen nitrogen & sulfur donor ligands	CSIR-GS	Chattopadhyay, S.K., Dr. (M) Bengal Engineering & Science University Department of Chemistry, Shipur Howrah - 711 103 West Bengal	12.21	36
1116	Synthesis structure & reactivity of bimetallic complexes by using metalloligands	CSIR-GS	Bhattacharjee, M., Dr. (M) Indian Institute of Technology (Kh) Department of Chemistry Kharagpur - 721 302 West Bengal	11.76	36
1117	Synthesis, characterisation & absorption spectral analysis of hypersensitive & pseudohypersensitive 4F-4F transitions of Pr (III) & (III) /Er (III) complexes with 1:10 phenanthroline, 1,2,2' - bipyridyl/nucleic acids/pyrimidines	CSIR-GS	Singh, N.R., Prof. (M) Manipur University Department of Chemistry Imphal - 795 003 Manipur	13.86	36
1118	Synthesis, characterization & properties of transition metal complexes of 2 - pyridylterpyridine	CSIR-GS	Manivannan, V., Dr. (M) Indian Institute of Technology (G) Department of Chemistry Guwahati - 781 039 Assam	13.56	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1119	Synthetic, structural & catalysis studies of silver & gold N/O -functionalized N - Heterocyclic Carbene (NHC) complexes	CSIR-GS	Ghosh, P., Dr. (M) Indian Institute of Technology (B) Department of Chemistry Mumbai - 400 076 Maharashtra	17.26	36
1120	Synthetic, structural DNA - binding & photocleavage studies of mixed ligand Ru (II) & Ru (III) complexes with modified benzimidazole ligands	CSIR-GS	Karvembu, R., Dr. (M) National Institute of Technology (Tiruchirappalli) Department of Chemistry Tiruchirappalli - 620 015 Tamil Nadu	11.76	36
1121	Tailor - made graft copolymerization on elastomers using controlled radical polymerization	CSIR-GS	Singha, N.K., Dr. (M) Indian Institute of Technology (Kh) Rubber Technology Centre Kharagpur - 721 302 West Bengal	12.36	36
1122	The synthesis of tetracyclic indenoindoles & their structural analogs as DNA intercalator & topoisomerase II inhibitor: Organoboron compounds as requisite radical precursors in intramolecular cyclization	CSIR-GS	Guchhait, S.K., Dr. (M) National Institute of Pharmaceutical Education & Research Department of Medicinal Chemistry Mohali - 160 062 Punjab	16.26	36
1123	Theoretical investigation of light scattering from biological cells	CSIR-GS	Maiti, B., Dr. (M) Banaras Hindu University Department of Chemistry Varanasi - 221 005 Uttar Pradesh	11.61	36
1124	Theoretical modelling of the role of hydration in proton transfer processes in proteins	CSIR-GS	Taraphder, S., Dr. (F) Indian Institute of Technology (Kh) Department of Chemistry Kharagpur - 721 302 West Bengal	11.31	36
1125	Thermodynamic & transport studies of amino acids in aqueous & aqueous solutions of various additives	CSIR-GS	Pal, A., Prof. (M) Kurukshetra University Department of Chemistry Kurukshetra - 136 119 Haryana	8.01	36
1126	Transition metal based sandwich & half-sandwich derivatives with donor functionalities: Synthesis, organometallic chemistry & catalytic applications	CSIR-GS	Balakrishna, M.S., Dr. (M) Indian Institute of Technology (B) Department of Chemistry Mumbai - 400 076 Maharashtra	14.76	36
1127	Use of allylsilanes in ...synthesis of biologically significant alkaloid chrysanthone a & non - natural Analogues	CSIR-GS	Sarkar, T.K., Dr. (M) Indian Institute of Technology (Kh) Department of Chemistry Kharagpur - 721 302 West Bengal	15.26	36
1128	White biotechnology: Biocatalysis using enzymes & micro-organisms, synthesis of fine chemicals & Active Pharmaceutical Intermediates (APIs)	CSIR-GS	Nanda, S., Dr. (M) Indian Institute of Technology (Kh) Department of Chemistry Kharagpur - 721 302 West Bengal	13.26	36
1129	Zn (II) & Cd (II) hydro.... with Tris (pyrazolyl Borate (N3)Tris (Thioimidazolyl) Borate ligands for ester hydrolysis	CSIR-GS	Singh, U.P., Dr. (M) Indian Institute of Technology (R) Department of Chemistry Roorkee - 247 667 Uttarakhand	12.76	36
1130	Assessment of biological activity & toxicity: An in silico investigation based on the combined quantum mechanics & molecular dynamics study	CSIR-SS	Chattaraj, P.K., Prof. (M) Indian Institute of Technology (Kh) Department of Chemistry Kharagpur - 721 302 West Bengal	15.94	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1131	Multifunctional organic molecules as potential corrosion inhibitor for petroleum pipeline	CSIR-SS	Ilangovan, A., Dr. (M) Bharathidasan University School of Chemistry Tiruchirappalli - 620 024 Tamil Nadu	17.86	36
1132	SPME - HPLC - UV analysis of endocrine disruptors using fibers developed by sol gel method	CSIR-SS	Malik, A.K., Dr. (M) Punjabi University Department of Chemistry Patiala - 147 002 Punjab	14.26	36
1133	Wet chemical synthesis of novel cathode materials for Lithium ion rechargeable batteries	CSIR-SS	Majumder, S.B., Dr. (M) Indian Institute of Technology (Kh) Materials Science Centre Kharagpur - 721 302 West Bengal	12.26	36
1134	A quantitative study on uptake of toxic heavy metals in Escherichia coli cells	DAE-BRNS	Dutta, R.K., Dr. (M) Associate Professor Indian Institute of Technology (R) Department of Chemistry Roorkee - 247 667 Uttarakhand	20.59	10
1135	Advanced photocatalytic treatment of textile dyeing & printing industrial waste water containing organic & metallic pollutants	DAE-BRNS	Shrivastava, V.S., Dr. (M) G.T. Patil College Centre for P.G. Studies & Research in Chemistry Nandurbar - 425 412 Maharashtra	12.55	36
1136	Design & implementation of IR=UV laser field profiles for selective control of bond cleavage in prototypical Tri & polyatomic systems	DAE-BRNS	Mishra, M.K., Prof. (M) Indian Institute of Technology (B) Department of Chemistry, Powai Mumbai - 400 076 Maharashtra	9.32	15
1137	Design of strategies to overcome computational bottlenecks in modeling non-covalent interactions: Application & implication in model & real systems	DAE-BRNS	Sastry, G.N., Dr. (M) Indian Institute of Chemical Technology Molecular Modeling Group Hyderabad - 500 007 Andhra Pradesh	14.60	
1138	Development of boron carbide reinforced aluminum matrix composites for nuclear applications	DAE-BRNS	Rajan, T.P.D., Dr. (M) Regional Research Laboratory Materials & Minerals Division Thiruvananthapuram - 695 019 Kerala	19.87	6
1139	Development of environmentally sustainable methodologies for preconcentration & specialization of metal ions	DAE-BRNS	Sarkar, M., Dr. (F) Kalyani University Department of Chemistry Nadia - 741 235 West Bengal	19.97	12
1140	Development of equation of state for alumina & ZTA ceramics under shock loading	DAE-BRNS	Mukhopadhyay, A.K., Dr. (M) Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	21.96	36
1141	Development of lead free, multicomponent composite materials using conventional & advance ceramic route for simultaneously & synergistically shielding of gamma & neutron radiation	DAE-BRNS	Amritphale, S.S., Dr. (M) Regional Research Laboratory Bhopal - 462 026 Madhya Pradesh	23.10	8
1142	Development of polymer blends as electrolyte membranes	DAE-BRNS	Sangeetha, D., Dr. (F) Anna University Department of Chemistry Chennai - 600 025 Tamil Nadu	11.47	8

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1143	Development of radiation-induced grafted composite polyelectrolyte membranes for fuel cell & electro membrane applications	DAE-BRNS	Shahi,V.K., Dr. (M) Central Salt & Marine Chemicals Research Institute Bhavnagar - 364 002 Gujarat	18.31	36
1144	Development of transgenic plants for metal acquisition with potential application for remediation of low level nuclear waste	DAE-BRNS	Mohan,P.M., Prof. (M) Osmania University Hyderabad - 500 007 Andhra Pradesh	16.59	36
1145	Electron beam curable nano coatings	DAE-BRNS	Mahanwar,P.A., Dr. (M) University Institute of Chemical Technology Mumbai - 400 019 Maharashtra	4.57	36
1146	Electronic structure of Nano-clusters & cluster-molecule interactions	DAE-BRNS	Sarkar,P., Dr. (M) Visva Bharati Department of Chemistry Santiniketan - 731 235 West Bengal	18.07	19
1147	Environmental accumulation & transfer factor of radio nuclides, elements released from nuclear facilities at Tarapur site	DAE-BRNS	Mehta,B.H., Dr. (M) Mumbai University Department of Chemistry, Vidyanaigari Mumbai - 400 098 Maharashtra	16.19	8
1148	Investigations of materials for Intermediate Temperature Solid Oxide Fuel Cells (ITSOFCs)	DAE-BRNS	Chattopadhyaya,M.C., Prof. (M) Allahabad University Department of Chemistry Allahabad - 211 002 Uttar Pradesh	15.16	10
1149	New chemical methods in synthesis of noble-metal nanopowders & porous metal/ceramic composites for hydrogen storage, combustion & other applications	DAE-BRNS	Ram,S., Dr. (M) Professor Indian Institute of Technology (Kh) Materials Science Centre Kharagpur - 721 302 West Bengal	18.73	26
1150	Oligosaccharides derived from cereal arabinoxylans - deciphering the structural requirements for their antioxidant activity	DAE-BRNS	Muralikrishna,G., Dr. (M) Central Food Technological Research Institute Department of Biochemistry & Nutrition Mysore - 570 020 Karnataka	14.48	7
1151	Phosphorylation, spectral characterization & bio-activity evaluation of nucleosides	DAE-BRNS	Raju,C.N., Dr. (M) Associate Professor S.V.U. College of Engineering Department of Chemistry Tirupati - 517 502 Andhra Pradesh	19.17	7
1152	Preconcentration of uranium by using cloud point technology	DAE-BRNS	Mishra,B.K., Dr. (M) Sambalpur University Department of Chemistry, Jyoti Vihar Sambalpur - 768 019 Orissa	15.22	6
1153	Probing the role of loop formation during protein folding with molecular dynamics simulations	DAE-BRNS	Sasidhar,Y.U., Prof. (M) Indian Institute of Technology (B) Department of Chemistry, Powai Mumbai - 400 076 Maharashtra	15.60	12
1154	Radiation & photochemical studies of Chitosan modified polycyclic aromatic hydrocarbons	DAE-BRNS	Aravindakumar,C.T., Dr. (M) Mahatma Gandhi University School of Chemical Studies Kottayam - 686 560 Kerala	19.63	4
1155	Reaction diffusion coupling in zeolites	DAE-BRNS	Yashonath,S., Prof. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	12.28	14

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1156	Structure & properties of biomolecules adsorbed onto single-walled carbon nanotubes: A molecular dynamics investigation	DAE-BRNS	Subramanian,V., Dr. (M) Scientist E-1 Central Leather Research Institute Chennai - 600 020 Tamil Nadu	15.58	11
1157	Studies on Solar-light induced splitting of water for hydrogen production using mixed oxide semiconductors	DAE-BRNS	Shivastava,R., Dr. (M) Reader Dayal Bagh Educational Institute Department of Chemistry Agra - 282 005 Uttar Pradesh	20.57	16
1158	Studies on the dynamics of the electron/energy transfer in multicomponent Ru (II) - Trisbipyridyl or Porphyrin derivatives & interfacial electron transfer	DAE-BRNS	Das,A., Dr. (M) Central Salt & Marine Chemicals Research Institute Analytical Science Discipline, G.B. Marg Bhavnagar - 364 002 Gujarat	20.36	12
1159	Studies on the repressor & its cognate operators, promoters of temperature staphylococcus Aureus Phage & development of a high expression vector for staphylococcal systems	DAE-BRNS	Sau,S., Dr. (M) Bose Institute Department of Biochemistry Kolkata - 700 054 West Bengal	23.98	11
1160	Study of genetic variations & gene expression profile in malignant & nonmalignant diseases of the prostate	DAE-BRNS	Chavan,P.R., Dr. (F) Lokmanya Tilak Municipal Medical College & General Hospital Department of Biochemistry Mumbai - 400 022 Maharashtra	20.91	15
1161	Study of Photoinduced electron transfer in Cyclodextrin based superamolecular systems	DAE-BRNS	Gopidas,K.R., Dr. (M) Regional Research Laboratory Photosciences & Photonics Section Thiruvananthapuram - 695 019 Kerala	17.81	13
1162	Study on the influence of welding heat inputs, nitrogen contents & deformations on low temperature sensitization behaviour of austenitic stainless steel	DAE-BRNS	Singh,R., Dr. (M) National Metallurgical Laboratory Applied Chemistry & Corrosion Division Jamshedpur - 831 007 Jharkhand	18.48	8
1163	Synthesis & characterization of novel tridentate aromatic Thiosemicarbazones & their application for solid phase extraction of selected lanthanides & actinides	DAE-BRNS	Seshaiah,K., Dr. (M) Professor Sri Venkateswara University Department of Chemistry Tirupati - 517 502 Andhra Pradesh	17.54	3
1164	Synthesis & characterization of NZP based material for immobilization of radioactive waste	DAE-BRNS	Dasgupta,A., Mr. (M) Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	27.10	7
1165	Synthesis & crystal growth of organic nonlinear optical materials for laser applications	DAE-BRNS	Rai,R., Dr. (M) Banaras Hindu University Department of Chemistry Varanasi - 221 005 Uttar Pradesh	17.12	10
1166	Production of [60] [70] fullerenes, heterofullerenes & carbon nanotubes from coal	DOC-S&T	Ghosh,A.K., Mr. (M) Scientist Central Institute of Mining & Fuel Research Dhanbad - 826 004 Jharkhand	145.92	36
1167	Production of [60] [70] fullerenes, heterofullerenes & carbon nanotubes from coal	DOC-S&T	Srivastava,O.N., Prof. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	29.88	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1168	Pulse detonation combustion of coal for energy applications	DOC-S&T	Sheshadri,T.S., Prof. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	22.60	24
1169	A Program on Exploration of New Routes to Hexafluoropropene	DRDO-GIA	Sridhar,M., Dr. (M) Scientist E I Indian Institute of Chemical Technology Fluoroorganic Division, Taranaka Hyderabad - 500 007 Andhra Pradesh	14.99	24
1170	A Study of Influence of Microporous & Mesoporous Support for V_ Mn Bimetal Catalyst in the Selective Oxidation of O-Xylene	DRDO-GIA	Shanthi,K., Dr. (M) Assistant Professor College of Engineering Department of Chemistry Chennai - 600 025 Tamil Nadu	4.50	12
1171	Bio - Diesel Generation Through Whole - Cell Catalyzed Transesterification	DRDO-GIA	Prakash,R., Dr. (M) Senior Lecturer Thapar University Patiala - 147 004 Punjab	4.97	12
1172	Biocide Loaded Nanozeolite - Hybrid Polymer Coatings	DRDO-GIA	Kumar,S.A., Dr. (M) Lecturer Anna University Department of Chemistry Chennai - 600 025 Tamil Nadu	14.69	36
1173	C6 Perfluoroketone	DRDO-GIA	Rambabu,Y., Dr. (M) Scientist E II Indian Institute of Chemical Technology Fluoroorganic Division, Taranaka Hyderabad - 500 007 Andhra Pradesh	15.00	24
1174	Carbon Nanotubes Supported Nano Structured Electrocatalysts for Fuel Cells & metal Air Battery Applications	DRDO-GIA	Raj,C.R., Dr. (M) Assistant Professor Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	34.96	36
1175	Computational Approach on Architecture & Tailoring of Novel Perfluorinated Molecules used as Potential Fire Extinguishants	DRDO-GIA	Singh,R.P., Dr. (M) Reader Sri Venkateswara College Department of Chemistry New Delhi - 110 021 Delhi	14.86	24
1176	Design & Development of Quoted Optode Films (1 cm x 6 cm) for the Spot Detection of Toxic/Poisonous Metals/Chemicals in Drinking Water for Device Applications & Technology Development for Field Study	DRDO-GIA	Murthy,Y.L.N., Prof. (M) Andhra University Department of Chemistry Visakhapatnam - 530 003 Andhra Pradesh	49.75	36
1177	Design & synthesis of Glycerol based Building Blocks for Flame Retardant Polymers	DRDO-GIA	Sharma,S.K., Dr. (M) Reader Delhi University Department of Chemistry Delhi - 110 007 Delhi	14.99	24
1178	Development of Angiography & Cancer Specific Contrast Agents for Medical Magnetic	DRDO-GIA	Alexander,V., Dr. (M) Professor Loyola College Department of Chemistry Chennai - 600 034 Tamil Nadu	4.96	12
1179	Development of Calorimetric Sensors for Detection of Nitroaromatics & Explosives Materials	DRDO-GIA	Dahal,S., Dr. (M) Reader Sikkim Manipal Institute of Medical Science Department of Chemistry East Sikkim - 737 132 Sikkim	14.99	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1180	Development of Epoxy Clay Nano Composites	DRDO-GIA	Karak,N., Dr. (M) Reader Tezpur University Department of Chemical Sciences Tezpur - 784 028 Assam	16.36	36
1181	Development of Metal Complex based NLO Materials of Various Potential Applications	DRDO-GIA	Sheela,C.D., Dr. (F) Lecturer The American College Department of Chemistry Madurai - 625 002 Tamil Nadu	14.99	24
1182	Development of Novel Methodologies Using Tetraethiomolybdate: Synthesis of Priological Active Carbonate Insecticides	DRDO-GIA	Chandrasekaran,S., Prof. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	24.80	36
1183	Development of SmSrCoO ₃ /BiCuVOX/Ni - SDC Planar Solid Oxide Fuel Cells	DRDO-GIA	Pawar,S.H., Prof. (M) Vice Chancellor D.Y. Patil University Kolhapur - 416 004 Maharashtra	22.73	24
1184	Epoxy Reinforced Inorganic Material Filled Organic Polymer Composites in Tribological Applications	DRDO-GIA	Srivastava,S.K., Dr. (M) Associate Professor Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	24.56	36
1185	Lanthanide Complexes with Acyclic & Functional Macrocyclic Ligands as Emitting Layer Electroluminescent Materials	DRDO-GIA	Pandey,O.P., Dr. (M) Reader Deendayal Upadhyaya University of Gorakhpur Department of Chemistry Gorakhpur - 273 009 Uttar Pradesh	14.98	36
1186	Molecular Interactions in Dipeptide Metal Salt Solution Systems	DRDO-GIA	Bhat,D.K., Dr. (M) Senior Lecturer National Institute of Technology (Karnataka) Department of Chemistry Surathkal - 575 025 Karnataka	14.12	36
1187	Novel Silicate (SBA - 15) as a support for Hydro - Denitrogenation Catalysts	DRDO-GIA	Shanthi,K., Dr. (F) Assistant Professor Anna University Department of Chemistry Chennai - 600 025 Tamil Nadu	20.12	36
1188	Organoselenium Macrocyclic & Macrocyclic Ligands: New & Versatile Multisite Ligands for the Assembly of Mono & Multimetallic Systems	DRDO-GIA	Khandelwal,B.L., Prof. (M) Director Disha Institute of Management & Technology Raipur - 492 101 Chhattisgarh	14.99	24
1189	Studies on Photocatalysis by Nano Titania for Detoxification of Water Containing Pollutants	DRDO-GIA	Sugunan,S., Dr. (M) Professor Cochin University of Science & Technology Department of Applied Chemistry Kochi - 682 022 Kerala	14.95	36
1190	Synthesis & Single Nanodot Spectroscopic Studies of Light Harvesting Dendrimer Encapsulated Silver & Gold Nanoclusters	DRDO-GIA	Alexander,V., Dr. (M) Professor Loyola College Department of Chemistry Chennai - 600 034 Tamil Nadu	46.50	36
1191	Synthesis of Conducting Polymer Encapsulated Carbon Nanotube in Supercritical Carbon-di-Oxide	DRDO-GIA	Zaidi,M.G.H., Dr. (M) Assistant Professor College of Basic Science & Humanities Pantnagar - 263 145 Uttarakhand	4.95	12
1192	Synthesis of Fluorine Base Flame Retardents Materials	DRDO-GIA	Parmar,V.S., Dr. (M) Professor Delhi University Department of Chemistry Delhi - 110 007 Delhi	14.95	24

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (In Months)
1193	Synthesis of Nanosized Inorganic Oxide Materials from the Combustion of Metal Nitrate Oxalyl Dehydrazide Solutions	DRDO-GIA	Randhawa, B.S., Dr. (M) Professor Guru Nanak Dev University Department of Chemistry Amritsar - 143 005 Punjab	14.98	36
1194	Total Synthesis of All the Chiral Forms of Pentenocin - B	DRDO-GIA	Singh, V.K., Prof. (M) Indian Institute of Technology (K) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	26.57	36
1195	Vedic Methodology on Environment Protection	DRDO-GIA	Karthikeyan, R., Mr. (M) Research Service Provider Vedic & Scientific Research Foundation - AMEYA Pune - 410 507 Maharashtra	5.00	12
1196	Development of Dorzolamide HCL	DSIR-TDDP	Director, The Sequent Scientific Ltd. 120 A&B Baikampady Industrial Area Mangalore - 575 011 Karnataka	86.00	18
1197	Development of process for some important chiral pharma intermediates via asymmetric hydrogenation technologies	DST-DPRP	Kantam, M.L., Dr. (M) Deputy Director Indian Institute of Chemical Technology Hyderabad - 500 007 Andhra Pradesh	83.36	24
1198	Process development for some chiral derivatives into non - chiral keto acid salts & other compounds useful as pharmaceuticals substances	DST-DPRP	Shah, A.K., Prof. (M) Saurashtra University Department of Chemistry Rajkot - 360 005 Gujarat	43.97	24
1199	Up - gradation of the clinical trail infrastructure cum research facility	DST-DPRP	Waheed, M., Dr. (M) Research Officer Central Research Institute of Unani Medicine Hyderabad - 500 038 Andhra Pradesh	322.00	36
1200	Advance oxidation processes for the degradation of organic pollutants in aqueous environment	DST-ID	Maruthamuthu, P., Dr. (M) Madurai Kamaraj University Madurai - 625 021 Tamil Nadu	36.00	24
1201	Application of nanoscience & nanotechnology in bimetallic catalysis	DST-ID	Vishwanathan, B., Dr. (M) Indian Institute of Technology (M) Chennai - 600 036 Tamil Nadu	8.07	24
1202	Application of new functional conducting polymers in Nio-Sensors & Nano-electronics	DST-ID	Malhotra, B.D., Dr. (M) National Physical Laboratory Biomolecular Electronics & Conducting Polymers Research Group New Delhi - 110 012 Delhi	4.44	24
1203	Application of smart polymers & functional materials to tissue engineering & regenerative medicine	DST-ID	Kumar, A., Dr. (M) Indian Institute of Technology (K) Kanpur - 208 016 Uttar Pradesh	3.36	24
1204	Auxiliary Density Perturbation Theory	DST-ID	Pal, S., Dr. (M) Head National Chemical Laboratory Physical Chemistry Division Pune - 411 008 Maharashtra	6.35	36
1205	Catalytic downstream processing of biomass using supercritical carbon dioxide for value added chemicals	DST-ID	Rode, C.V., Dr. (M) National Chemical Laboratory Pune - 411 008 Maharashtra	4.50	24

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
1206	Computational studies of the Baylis Hillman Reaction: Mechanism & stereoselectivity	DST-ID	Sastry,G.N., Dr. (M) Scientist E - I Indian Institute of Chemical Technology Molecular Modeling Group Hyderabad - 500 007 Andhra Pradesh	4.54	24
1207	Design of nanophase & immobilized platinum metal based materials as novel	DST-ID	Das,P., Dr. (M) Dibrugarh University Dibrugarh - 786 004 Assam	6.84	36
1208	Design of nanosized titania based mixed oxides for catalytic applications	DST-ID	Reddy,B.M., Dr. (M) Senior Scientist Indian Institute of Chemical Technology Hyderabad - 500 007 Andhra Pradesh	3.19	24
1209	Design of novel nano carrier architecture for drug & gene delivery	DST-ID	Sharma,S.K., Dr. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	6.22	24
1210	Development & characterization of DNA based Bio-white polymer diode by harvesting singlet & triplate excitons	DST-ID	Bhatnagar,P.K., Prof. (M) Delhi University New Delhi - 110 021 Delhi	4.24	24
1211	Development A13, T1, T1B2 and A1b2, intermetallics in A1-T1, A1-B & A1-T1-B composites	DST-ID	Kori,S.A., Dr. (M) Professor Basaveshwar Engineering College Department of Mechanical Engineering Bagalkot - 587 102 Karnataka	5.09	24
1212	Development of ceramic based implantable delivery system for sustained release of the drugs for the treatment of osteomyelitis & diabetes	DST-ID	Basu,D., Dr. (M) Scientist Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	6.25	36
1213	Development of natural fiber based composites for automatic application	DST-ID	Das,A., Dr. (F) Indian Institute of Technology (D) New Delhi - 110 016 Delhi	8.98	24
1214	Development of new synthetic methodologies through immobilized & heterogenized Homogenous Transition Metal based Catalysts	DST-ID	Sain,B., Dr. (M) Scientist F Indian Institute of Petroleum Chemical & Biotechnology Division Dehradun - 248 005 Uttarakhand	4.03	24
1215	Development of novel cavitation based treatment schemes for water & water treatment	DST-ID	Pandit,A.B., Prof. (M) University Institute of Chemical Technology Department of Chemical Engineering Pune - 400 019 Maharashtra	4.55	24
1216	Development of sol-gel derived high purity aluminas for catalyst applications	DST-ID	Kumari,V.D., Dr. (F) Indian Institute of Chemical Technology Hyderabad - 500 007 Andhra Pradesh	4.52	36
1217	Elaboration of sonochemically modified cellulose-containant product for pulp & paper making in order to increase its economical rates & reduce the environmental issues	DST-ID	Gogate,P., Dr. (M) University Institute of Chemical Technology Mumbai - 400 019 Maharashtra	3.47	24
1218	Electrophysical properties (temperature coefficient of resistance & strain sensitivity) of multilayer film system Cr/Fe & Gd/Fe	DST-ID	Panchal,C., Dr. (M) Lecturer M.S. University of Baroda Department of Physics Vadodara - 390 002 Gujarat	5.49	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1219	Evaluation of micro structural changes in steel used in petrochemical by non-destructive techniques	DST-ID	Mitra,A., Dr. (M) Scientist National Metallurgical Laboratory Jamshedpur - 813 007 Jharkhand	4.76	36
1220	Exploiting crystallographic texture for improved nanocrystalline metals	DST-ID	Balasubramanian,R., Prof. (M) Indian Institute of Technology (K) Kanpur - 208 016 Uttar Pradesh	20.48	36
1221	Field emission study of diamond-like carbon & nano crystal diamond films	DST-ID	Brahai,P.K., Dr. (M) Birla Institute of Technology Ranchi - 835 215 Jharkhand	5.81	24
1222	Formability & coating behaviour of TRIP Steel	DST-ID	Singh,S.B., Dr. (M) Indian Institute of Technology (Kh) Dept. of Metallurgical & Materials Engg. Kharagpur - 721 302 West Bengal	8.45	24
1223	Micro processing & development of thermal mechanical properties of carbon/carbon composites	DST-ID	Srivastava,V.K., Dr. (M) Banaras Hindu University Institute of Technology Varanasi - 221 005 Uttar Pradesh	3.40	24
1224	New electrocyclicization reactions of azomethine yields general synthetic methods for the preparation biologically active azepine derivatives	DST-ID	Pandey,G., Dr. (M) National Chemical Laboratory Pune - 411 008 Maharashtra	2.25	24
1225	New Mixed metal inorganic - organic hybrid materials as possible precursors for advanced ceramics & photocatalysis	DST-ID	Natarajan,S., Prof. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	4.54	24
1226	Non-adiabatic interactions in molecular systems	DST-ID	Sathyamurthy,N., Prof. (M) Indian Institute of Technology (K) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	3.71	36
1227	Novel biomimetic catalysts based on copper (III) complexes	DST-ID	Mukherjee,R.N., Dr. (M) Professor Indian Institute of Technology (K) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	4.11	36
1228	Potential antidiabetic agents: Synthesis & enzymatic evaluation of sugar derived inhibitors of glycogen phosphorylases	DST-ID	Paul,V., Dr. (M) National Chemical Laboratory Pune - 411 008 Maharashtra	5.62	24
1229	Pressure Vessel integrity evaluation & assessment of crack propagation & under pressurized Thermal shock	DST-ID	Sen,R.N., Dr. (M) Scientist G Bhabha Atomic Research Centre Light Water Reactor Division Mumbai - 400 085 Maharashtra	3.17	24
1230	Processing of smart bio-degradable polymeric composite	DST-ID	Ghosh,A.K., Dr. (M) Indian Institute of Technology (D) New Delhi - 110 016 Delhi	5.15	36
1231	Production of liquid fuels by selective FT synthesis with novel mesophores smectite catalysis	DST-ID	Bhanage,B.M., Dr. (M) University Institute of Chemical Technology Mumbai - 400 019 Maharashtra	3.03	24

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1232	Redox reactions of water soluble selenides selenoamino acids & the sugar conjugates: Their applications as GPX mimics	DST-ID	Priyadarini,K.I., Dr. (F) Bhabha Atomic Research Centre Mumbai - 400 085 Maharashtra	2.64	24
1233	Rheological behaviour of nanocomposites based on biodegradable polymers with special reference to fourier transform rheology	DST-ID	Naskar,K., Dr. (M) Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	2.09	24
1234	Silica fume & Alumina find powder's special refractory castbles	DST-ID	Mathu,K.U., Dr. (M) M.S. Ramaiah Institute of Technology Bengalooru - 560 054 Karnataka	6.02	36
1235	Structure property relationship in 2D, 1D & 0D nanomaterials	DST-ID	Ayyub,P., Dr. (M) Professor Tata Institute of Fundamental Research Condensed Matter Physics & Materials Sc. Mumbai - 400 005 Maharashtra	6.96	36
1236	Studies of newer natural dyes	DST-ID	Vankar,P., Dr. (F) Indian Institute of Technology (K) Kanpur - 208 016 Uttar Pradesh	3.03	36
1237	Studies on environmental conscious chemical process by solid catalysts	DST-ID	Chary,K.V.R., Dr. (M) Indian Institute of Chemical Technology Hyderabad - 500 007 Andhra Pradesh	3.44	24
1238	Studies on micro structure & creep properties of Fe-based nano-structured oxide dispersion strengthened alloys	DST-ID	Murthy,B.S., Prof. (M) Indian Institute of Technology (M) Dept. of Metallurgical & Materials Engg. Chennai - 600 036 Tamil Nadu	3.79	24
1239	Study of Defect Centres in Nano-Piezoelectric Materials for application in Sensors	DST-ID	Bahadur,H., Dr. (M) National Physical Laboratory New Delhi - 110 012 Delhi	3.45	24
1240	Study of physical properties of new nano-composite materials	DST-ID	Bhatnagar,A.K., Dr. (M) Hyderabad University Hyderabad - 500 046 Andhra Pradesh	83.20	36
1241	Synthesis & characterization of doped iron oxide nano particles for selective removal of dissolved species from contaminated water/hydrometallurgical process solutions	DST-ID	Mishra,B.K., Prof. (M) Regional Research Laboratory Bhubaneswar - 751 013 Orissa	30.30	24
1242	Synthesis of composite/non-composite Zeolite membrane for separation & remediation of environmental pollutants	DST-ID	Biniwale,R.B., Dr. (M) National Environmental Engineering Research Institute Nagpur - 440 020 Maharashtra	5.01	24
1243	Thermo chemical & kinetic studies of radical cations in organic solvents	DST-ID	Gopidas,K.R., Dr. (M) Regional Research Laboratory Thiruvananthapuram - 695 019 Kerala	2.45	12
1244	Analysis of Carbon Capture & Storage (CCS) Technology in the context of Indian Power Sector	DST-JTP	Parikh,J., Dr. (F) Integrated Research & Action for Development New Delhi - 110 001 Delhi	23.05	24

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1245	Development & Characterization of Porous Solid Adsorbents for Sequestration of Carbon Dioxide (CO ₂) (Metal Silicates for Pre-Combustion High Temperature CO ₂ Removal IGCC Conditions)	DST-JTP	Gaikwad,A.G., Dr. (M) National Chemical Laboratory Pune - 411 008 Maharashtra	24.56	36
1246	Experimental & Stimulation Studies on CO ₂ Sequestration using Solar, Chemical Methods	DST-JTP	Premilatha,M., Dr. (F) Centre for Energy & Environment Science & Technology Tiruchirappalli - 620 015 Tamil Nadu	54.70	36
1247	Modeling& Simulation of Carbon Recycling Technology through Conversion of CO ₂ into useful multi-purpose Fuel	DST-JTP	Sethi,V.K., Dr. (M) Rajiv Gandhi Proudhyogiki Vishwavidyalaya School of Energy & Env. Management Bhopal - 462 036 Madhya Pradesh	24.50	36
1248	Pilot Bioreactor using Biological & Chemical Carbon Dioxide Sequestration (Integrated Biological & Chemical Co ₂ Sequestration)	DST-JTP	Chakrabarti,T., Dr. (M) National Environmental Engineering Research Institute Nagpur - 440 020 Maharashtra	38.04	36
1249	Sequestration of Carbon Dioxide (CO ₂) into Geological Environment (Gas Hydrate): Laboratory Studies	DST-JTP	Prasad,P.S.R., Dr. (M) National Geophysical Research Institute Hyderabad - 500 007 Andhra Pradesh	40.88	36
1250	A current density functional study of strong magnetic field induced realtime dynamics in atoms & molecules	DST-SERC-FT	Vikas, Dr. (M) Panjab University Department of Chemistry Chandigarh - 160 014 Chandigarh	7.34	36
1251	Aerobic oxidation of hydrocarbons over transition metal incorporated amorphous mesoporous material TUD - I	DST-SERC-FT	Anand,R., Dr. (M) National Institute of Technology (Tiruchirappalli) Department of Chemistry Tiruchirappalli - 620 015 Tamil Nadu	19.98	36
1252	Amphiphilic dendrimer templates for encapsulation of mono/bimetallic nanoparticles catalyst to carry out industrial/pharmaceutically valuable biophase organic reaction	DST-SERC-FT	Murugan,E., Dr. (M) Madras University Department of Physical Chemistry Chennai - 600 025 Tamil Nadu	19.28	24
1253	An investigation on the effect of multiple contaminant migration in soils	DST-SERC-FT	Sreedeeep,S., Dr. (M) Indian Institute of Technology (G) Department of Civil Engineering Guwahati - 781 039 Assam	9.78	36
1254	Biodegradation of various industrial dyes by <i>Trichosporon beigeli</i>	DST-SERC-FT	Saratale,G.D., Dr. (M) Tatyasaheb Kore Institute of Engineering & Technology Department of Biotechnology Engineering Waran Nagar - 416 113 Maharashtra	9.18	36
1255	Characterization & anarobic digestion of puitrescible fractions in Municipal Solid Waste (MSW)	DST-SERC-FT	Mondal,M.K., Dr. (M) Banaras Hindu University Institute of Technology Varanasi - 221 005 Uttar Pradesh	18.90	36
1256	Characterization of novel antioxidant from Red & Brown seaweeds from gulf of mannar	DST-SERC-FT	Chakraborty,K., Dr. (F) Central Marine Fisheries Research Institute Division of Physiology, Nutrition & Pathology Kochi - 682 018 Kerala	19.84	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1257	Chiral Sulfoximines assisted asymmetric synthesis of a novel unsaturated acyclic & cyclic alpha-amino acids	DST-SERC-FT	Nikalje,M.D., Dr. (M) Pune University Department of Chemistry Pune - 411 007 Maharashtra	18.72	36
1258	Clean & efficient synthesis of coumarins over modified metal oxides via Pechmann reaction	DST-SERC-FT	Menezes,J.Q., Dr. (F) Indian Institute of Technology (M) Department of Chemistry Chennai - 600 036 Tamil Nadu	16.92	36
1259	Crystal engineering of pharmaceutical co-crystals of metal organic compounds	DST-SERC-FT	Azim,Y., Dr. (M) Hyderabad University School of Chemistry Hyderabad - 500 046 Andhra Pradesh	19.68	36
1260	Crystal engineering with sulfinic acid sulfinamide groups & network structures	DST-SERC-FT	Saha,B.K., Dr. (M) Pondicherry University School of Phy. Chem. & Applied Sc. Puducherry - 605 014 Puducherry	15.48	36
1261	Cyclic oligomers & cooligomers of thiophene & selenophene: New types of electronic materials	DST-SERC-FT	Zade,S.S., Dr. (M) Indian Institute of Science Education & Research Kolkata - 700 106 West Bengal	20.40	36
1262	Design & synthesis of mesoporous titanasilicate supported gold nanoparticle useful for mil oxidation reaction	DST-SERC-FT	Chowdhury,B., Dr. (M) Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	19.26	36
1263	Design & Synthesis of c-2 symmetric organocatalysts for asymmetric reactions	DST-SERC-FT	Ghosh,S., Dr. (M) Indian Institute of Chemical Technology Department of Organic -III Hyderabad - 500 007 Andhra Pradesh	17.40	36
1264	Design & synthesis of novel metal - organic frameworks their physico-chemical studies & applications	DST-SERC-FT	Parveen,S., Dr. (F) Aligarh Muslim University Department of Chemistry Aligarh - 202 002 Uttar Pradesh	15.72	36
1265	Development & Characterization of Langmuir-Blodgett thin films of PVA based electroactive hydrogels for usage in smart structures	DST-SERC-FT	Pandey,P.K., Dr. (M) Indian Institute of Technology (K) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	20.40	36
1266	Development of copper based bulk amorphous/nanocrystalline metallic glasses	DST-SERC-FT	Kailath,A.J., Dr. (F) National Metallurgical Laboratory Jamshedpur - 831 007 Jharkhand	13.41	36
1267	Development of direct methanol fuel cell based on hybrid nafion membrane	DST-SERC-FT	Varma,A., Dr. (M) Indian Institute of Technology (G) Department of Chemical Engineering Guwahati - 781 039 Assam	13.20	36
1268	Development of nano-composites base on engineered polymers for performance enhancement in tribiology	DST-SERC-FT	Nidhi, Dr. (F) Indian Institute of Technology (D) New Delhi - 110 016 Delhi	13.80	36
1269	Development of tailored pore-size mesoporous materials as supports for enzyme immobilization	DST-SERC-FT	Gopinath,S., Dr. (M) Cochin University of Science & Technology Department of Applied Chemistry Kochi - 682 022 Kerala	19.98	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1270	Development of TiO ₂ nanocatalyst for environmental purification	DST-SERC-FT	Sharma,S.D., Dr. (M) National Physical Laboratory Liquid Crystal & Self Assembled Monolayer Section New Delhi - 110 012 Delhi	20.00	36
1271	Diversity of oriented synthesis of natural product-like small molecule hybrids & homodimers	DST-SERC-FT	Muthukrishnan,M., Dr. (M) National Chemical Laboratory Organic Chemistry & Technology Division Pune - 411 008 Maharashtra	19.73	36
1272	Dual - functionalized ionic liquid: Design & applications of ionic liquid supported metal catalysts in organic synthesis	DST-SERC-FT	Hazra,A., Dr. (F) Visva Bharati Department of Chemistry Santiniketan - 731 235 West Bengal	19.92	36
1273	Effects of substitution & structural features on bio-activity of Benzodiazepine receptor ligands	DST-SERC-FT	Takur,M., Dr. (F) Ujjain Engineering College Department of Chemistry Ujjain - 452 009 Madhya Pradesh	12.07	36
1274	Electrochemical Deposition Technique for Fabricating Solar Cells & IR Photodectors	DST-SERC-FT	Mahapatra,S.K., Dr. (F) Indian Institute of Technology (K) Department of Chemical Engineering Kanpur - 208 016 Uttar Pradesh	18.84	36
1275	Engineering of transition metal-organic coordination polymers using azide & dicarboxylate bridging ligands, towards application in molecular magnetism: An experiment - theory correlation	DST-SERC-FT	Dalai,S., Dr. (F) Vidyasagar University Dept. of Chemistry & Chemical Tech. Midnapore - 721 102 West Bengal	19.26	36
1276	Exploration & exploitation of microbial catabolic potentials for the bioremediation of selected heavy metal & hydrocarbon contaminants	DST-SERC-FT	Khannam,K.S., Dr. (F) Indian Institute of Technology (Kh) Dept. of Agricultural & Food Engineering Kharagpur - 721 302 West Bengal	14.28	36
1277	Generation & trapping of furo (3,4-c) pyrazoles: Synthesis of biologically potent heterocyclic analogues	DST-SERC-FT	Panda,N., Dr. (M) National Institute of Technology (Rourkela) Department of Chemistry Rourkela - 769 008 Orissa	14.52	36
1278	Heterogenised biomimetic galactose oxidase complexes: Catalysts for the conversion of bio based polyols into fine chemicals	DST-SERC-FT	Mahalakshmy,R., Dr. (F) Indian Institute of Technology (M) National Centre for Catalytic Research Chennai - 600 036 Tamil Nadu	16.02	36
1279	Hierarchical nanoporous materials for petroleum, biodiesel refining & for future applications to energy & environment problems	DST-SERC-FT	Sinha,A.K., Dr. (M) Indian Institute of Petroleum Catalytic Conversion & Process Dev. Div. Dehradun - 248 005 Uttarakhand	18.00	36
1280	Investigation of exploitation of facultative marine fungi & iron nanoparticle for arsenic bioremediation	DST-SERC-FT	Vala,A.K., Dr. (F) Bhavnagar University Department of Bioinformatics Bhavnagar - 364 002 Gujarat	12.41	36
1281	Involvement of apoptosis in cadmium induced immunosuppression	DST-SERC-FT	Bhattacharya,A., Dr. (M) Kalyani University Department of Environmental Science Nadia - 741 235 West Bengal	10.20	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1282	Synthesis & spectral, redox & solid state coordination properties & asymmetric & highly functionalised thienyl- and furyl-porphyrins	DST-SERC-FT	Bhavana, P., Dr. (F) Birla Institute of Technology & Science Chemistry Group Zuarinagar - 403 726 Goa	19.97	36
1283	Liminescent signalling probe materials for metal ions & complex chemical logic action	DST-SERC-FT	Bag, B., Dr. (M) Institute of Minerals & Materials Technology Renewable Energy Cell Bhubaneswar - 752 013 Orissa	17.46	36
1284	Low temperature water-gas shift reaction over Cu-nanoclusters supported on ZnO/A1203 for practical fuel cell application	DST-SERC-FT	Bal, R., Dr. (M) Indian Institute of Petroleum Characterizational Laboratory Dehradun - 248 005 Uttarakhand	19.42	36
1285	Microemulsion synthesis of Metal (mainly Au & Ag) nanoparticles & their nanosized oxides	DST-SERC-FT	Ahmad, T., Dr. (M) Jamia Millia Islamia Department of Chemistry New Delhi - 110 025 Delhi	19.68	36
1286	Microporous Metal-Organic Coordination Networks (MOCNs): Application towards H ₂ storage	DST-SERC-FT	Maji, T. K., Dr. (M) Jawahar Lal Nehru Centre for Advanced Scientific Research Chemistry & Physics Materials Unit Bengaluru - 560 064 Karnataka	18.72	36
1287	Nanocomposite polymer electrolutes for dye sensitized solar cells	DST-SERC-FT	Ghosh, S., Dr. (F) Indian Institute of Chemical Technology Inorganic & Physical Chemistry Division Hyderabad - 500 007 Andhra Pradesh	20.00	36
1288	New Podand type ligands: Their ionic & molecular recognition properties	DST-SERC-FT	Panda, S., Dr. (M) Indian Institute of Science Education & Research Kolkata - 700 106 West Bengal	18.60	36
1289	Novel environmental friendly protocols using nanosize heterogeneous catalysis for synthesis of some biologically important molecules	DST-SERC-FT	Mishra, B. G., Dr. (M) Birla Institute of Technology & Science Chemistry Group Pilani - 333 031 Rajasthan	19.32	36
1290	Organocatalysed asymmetric α -bromination of aldehydes, ketones & β -keto esters & β -diketones	DST-SERC-FT	Goswami, P., Dr. (F) Indian Institute of Technology (G) Department of Chemistry Guwahati - 781 039 Assam	18.60	36
1291	Photo-physical & theoretical investigations on molecular complexation between fullerenes & phthalocyanines	DST-SERC-FT	Bhattacharya, S., Dr. (M) Burdwan University Department of Chemistry Burdwan - 713 104 West Bengal	15.77	36
1292	Physico-chemical studies of metal & metal oxide nanoparticle	DST-SERC-FT	Bahadur, N., Dr. (F) National Physical Laboratory Materials Characterization Division New Delhi - 110 012 Delhi	20.04	36
1293	Preparation & photocatalytic activity of titane nanotubes & nanofibres by hydrothermal process	DST-SERC-FT	Qamar, M., Dr. (M) Indian Institute of Technology (D) Department of Chemistry New Delhi - 110 016 Delhi	19.98	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1294	Preparation of carbon nanofibres by polymer blend techniques	DST-SERC-FT	Saha, M., Dr. (F) Indian Institute of Technology (K) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	19.14	36
1295	Probing & Perturbing the frontiers of covalent systems	DST-SERC-FT	Pancharatna, P.D., Dr. (M) Pondicherry University Puducherry - 605 014 Puducherry	20.40	36
1296	Process development of nano CaCO ₃ synthesis using sonochemical carbonization method & its assistant effect on TiO ₂ dispersion	DST-SERC-FT	Sonawane, S., Dr. (M) Vishwa Karma Institute of Technology Department of Chemical Engineering Pune - 411 037 Maharashtra	6.96	36
1297	Processing of aluminium alloys by spray casing	DST-SERC-FT	Mahesh, N.S., Dr. (M) J.S.S. Academy of Technical Education Department of Mechanical Engineering Bengalooru - 560 060 Karnataka	11.22	36
1298	Reclaiming of Ground Rubber Tire (GRT) by multi-functional reclaiming agent	DST-SERC-FT	De, D., Dr. (M) M.C.K.V. Institute of Engineering Howrah - 711 204 West Bengal	5.22	36
1299	Reconstruction of paleo SST variations in the Northern Indian Ocean using Mg/Ca ratio in planktonic foraminifer as a proxy	DST-SERC-FT	Krishna, M.S., Dr. (M) Andhra University School of Chemistry Visakhapatnam - 530 003 Andhra Pradesh	9.48	36
1300	Removal of dyes from wastewater by sorption onto water hyacinth roots	DST-SERC-FT	Rajamohan, N., Dr. (M) Annamalai University Department of Chemical Engineering Annamalainagar - 608 002 Tamil Nadu	3.96	36
1301	Removal of toxic heavy metal ions & recovery of water using polymeric membranes	DST-SERC-FT	Arthanareeswaran, G., Dr. (M) Anna University Department of Chemical Engineering Chennai - 600 025 Tamil Nadu	6.91	36
1302	Role of secondary bonding interactions among functionalized organotellurium compounds	DST-SERC-FT	Kumar, A., Dr. (M) Indian Institute of Technology (K) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	20.00	36
1303	Structure property correlation of multi-phase steel from the fuzzy-fuzzy approach	DST-SERC-FT	Dey, P., Mr. (M) Bengal Engineering & Science University School of Materials Science & Engineering Howrah - 711 103 West Bengal	11.58	36
1304	Studies towards incorporation of selenium & tellurium in the B-lactam heterocycle & their biological activities	DST-SERC-FT	Bhalla, A., Dr. (M) Panjab University Department of Chemistry Chandigarh - 160 014 Chandigarh	18.48	36
1305	Studies towards the development of reusable chiral catalysts for asymmetric synthesis	DST-SERC-FT	Velmathi, S., Dr. (F) National Institute of Technology (Tiruchirappalli) Department of Chemistry Tiruchirappalli - 620 015 Tamil Nadu	19.92	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (in Months)
1306	Supramolecular design of hybrid organic-inorganic coordination polymers tailored by poly-dentate imine ligands	DST-SERC-FT	Patra, G.K., Dr. (M) Vijaygarh Jyotish Ray College Kolkata - 700 032 West Bengal	15.90	36
1307	Surface self-assembly @ constructive nanolithography enroute to polyaniline based nano devices	DST-SERC-FT	Chowdhury, D., Dr. (M) Indian Institute of Technology (G) Guwahati - 781 039 Assam	18.72	36
1308	Synthesis & applications of room temperature ionic liquids	DST-SERC-FT	Gupta, M., Dr. (F) Jammu University Department of Chemistry Jammu - 180 006 Jammu & Kashmir	18.12	36
1309	Synthesis & characterization of silica polymer nanocomposites for environmentally benign, biological & industrially significant organic transformations	DST-SERC-FT	Dubey, A., Dr. (M) Birla Institute of Technology & Science Chemistry Group Pilani - 333 031 Rajasthan	19.20	36
1310	Synthesis & evaluation of multifunctional diesel fuel additives from vegetable oils	DST-SERC-FT	Ali, A., Dr. (M) Thapar University School of Chemistry & Bio-chemistry Patiala - 114 700 Punjab	18.70	36
1311	Synthesis & self-assembly of magnetic nanostructures: A search for novel phenomenon	DST-SERC-FT	Verma, S., Dr. (F) National Chemical Laboratory Physical & Materials Division Pune - 411 008 Maharashtra	16.44	36
1312	Synthesis & study of an amino acid based vinyl monomers & polymers in aqueous media	DST-SERC-FT	Srivastava, A., Dr. (F) Banaras Hindu University Department of Chemistry Varanasi - 221 005 Uttar Pradesh	19.92	36
1313	Synthesis & study of novel macrocyclics using substituted 4-piperidone moiety	DST-SERC-FT	Kumar, V.V., Dr. (M) Vellore Institute of Technology Department of Chemistry Vellore - 632 014 Tamil Nadu	19.73	36
1314	Synthesis of Oligo-Glyco-Amino Acids (OGAA) as a novel glycoltherapeutics from 1,2 cyclopropanated sugar derivatives	DST-SERC-FT	Sridhar, P.R., Dr. (M) Hyderabad University School of Chemistry Hyderabad - 500 046 Andhra Pradesh	19.75	36
1315	Synthesis of polymer clay nanocomposites by emulsifier free emulsion technique: Superabsorbency & biodegradable study	DST-SERC-FT	Swain, S.K., Dr. (M) North Orissa University Department of Chemistry Baripada - 757 003 Orissa	19.32	36
1316	Synthesis, Characterization & Reactivity Studies of Porous, Multifunctional Metal-Organic Frameworks	DST-SERC-FT	Mondal, R., Dr. (M) Indian Association for the Cultivation of Science Department of Inorganic Chemistry Kolkata - 700 032 West Bengal	19.80	36
1317	Synthesis, characterization, biological, plasma lipoprotein association & their interaction with DNA binding studies of symmetrical & unsymmetrical porphyrins	DST-SERC-FT	Shaikh, K.A., Dr. (M) Sir Sayyid College Aurangabad - 431 001 Maharashtra	20.00	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1318	Synthesus & study of novel comptothein & mappicine analogues	DST-SERC-FT	Khan,F.N., Dr. (M) Vellore Institute of Technology School of Science & Humanities Vellore - 632 014 Tamil Nadu	16.62	36
1319	Target selective electrochemical sensors based on trickily designed chemically modified electrodes	DST-SERC-FT	Kumar,A.S., Dr. (M) Vellore Institute of Technology Department of Chemistry Vellore - 632 014 Tamil Nadu	19.03	36
1320	Unique applications for hypervalent iodine reagents in organic synthesis	DST-SERC-FT	Kumar,R., Dr. (M) Kurukshetra University Department of Chemistry Kurukshetra - 132 118 Haryana	5.22	36
1321	Use of surfactant treated sludge for the removal of Persistent Organic Pollutants (POPs) from Water Environment	DST-SERC-FT	Adak,A., Dr. (M) Bengal Engineering & Science University Department of Civil Engineering Howrah - 711 103 West Bengal	12.24	36
1322	Design of nanometal/metal oxide/composite oxide promoted nanoporous materials for catalytic applications	DST-SERC-NSTI	Parida,K.M., Dr. (M) Regional Research Laboratory Colloids & Mat. Chemistry Group Bhubaneswar - 751 013 Orissa	35.96	36
1323	Developing comprehensive bottom-up strategies for functional nanostructures	DST-SERC-NSTI	Ravishankar,N., Dr. (M) Indian Institute of Science Materials Research Centre Bengalooru - 560 012 Karnataka	28.28	36
1324	Development & characterization of semiconducting nanotubes/nanorods for thermoelectric applications	DST-SERC-NSTI	Srivastava,S.K., Dr. (M) Indian Institute of Technology (Kh) Department of Chemistry Kharagpur - 721 303 West Bengal	17.91	36
1325	Development of electrically conducting polyaniline nano materials via self-assembly approach & their application in sensors & opto-electronics	DST-SERC-NSTI	Jayakannan,M., Dr. (M) Indian Institute of Science Education & Research Department of Chemistry Pune - 411 008 Maharashtra	44.38	36
1326	Development of nano metal oxides incorporated refractories for refractory applications	DST-SERC-NSTI	Rajendran,V., Dr. (M) K.S.Rangasamy College of Technology Tiruchengode - 637 209 Tamil Nadu	53.19	36
1327	Development of solar light driven nanostructured ZnLn2S4 photocatalyst for hydrogen generation	DST-SERC-NSTI	Kale,B.B., Dr. (M) Centre for Materials for Electronics Technology(C-MET) Dept. of Nanocomposite/Glass Materials Pune - 411 008 Maharashtra	16.42	36
1328	Field effect Transistors based on epitaxial multicomponent oxide heterostructures	DST-SERC-NSTI	Garg,A., Dr. (M) Indian Institute of Technology (K) Dept. of Materials & Metallurgical Engg. Kanpur - 208 016 Uttar Pradesh	102.90	36
1329	Inorganic organic hybrid nanocomposite coatings for Nano Technological applications	DST-SERC-NSTI	De,G., Dr. (M) Central Glass & Ceramic Research Institute Sol-Gel Division Kolkata - 700 032 West Bengal	160.40	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1330	Layered hydroxides as candidate precursors for nanoparticulate oxide materials	DST-SERC-NSTI	Kamath,P.V., Dr. (M) Bangalore University Department of Chemistry, Central College Bengalooru - 560 001 Karnataka	21.42	36
1331	Magnetic nanoparticulates for controlled & targeted drug delivery	DST-SERC-NSTI	Bahadur,D., Dr. (M) Indian Institute of Technology (B) Metallurgical Engineering & Material Science Mumbai - 400 076 Maharashtra	61.18	36
1332	Mechanical properties at the nano-scale	DST-SERC-NSTI	Ramamurthy,U., Dr. (M) Indian Institute of Science Department of Metallurgy Bengalooru - 560 012 Karnataka	141.30	36
1333	Microscopic investigation of luminescence & mechanical properties of nanostructured porous silicon	DST-SERC-NSTI	Bandyopadhyay,N.R., Dr. (M) Bengal Engineering & Science University School of Materials Science & Engineering Howrah - 711 103 West Bengal	79.07	36
1334	Nanostructures self-assembled polymer blend systems from epoxy resin/block copolymer systems for super toughness	DST-SERC-NSTI	Thomas,S., Dr. (M) Mahatma Gandhi University School of Chemical Sciences Kottayam - 686 560 Kerala	95.42	36
1335	New nanoporous materials for selective gas adsorption & separation processes	DST-SERC-NSTI	Natrajan,S., Dr. (M) Indian Institute of Science Solid State & Structural Chemistry Unit Bengalooru - 560 012 Karnataka	23.26	36
1336	Novel nanoscale materials: Generation, characterization & device applications	DST-SERC-NSTI	Chattopadhyay,A., Dr. (M) Indian Institute of Technology (G) Centre for Nanotechnology Guwahati - 781 039 Assam	190.60	36
1337	Preparation & characterization of SiO ₂ & TiO ₂ hollow nanospheres in reverse microemulsion system	DST-SERC-NSTI	Paria,S., Dr. (M) National Institute of Technology (Rourkela) Department of Chemical Engineering Rourkela - 769 008 Orissa	46.09	36
1338	Size dependent physical properties of ferromagnetic & ferroelectric nanoparticles	DST-SERC-NSTI	Poddar,P., Dr. (M) National Chemical Laboratory Physical/Mat. Chemistry Division Pune - 411 008 Maharashtra	33.71	36
1339	Synthesis & characterization of nano-crystalline co-doped Ceria, CeO ₂ based solid electrolytes for Intermediate Temperature Solid Oxide Fuel Cells (ITSOFC)	DST-SERC-NSTI	Prakash,O., Prof. (M) Banaras Hindu University Institute of Technology Varanasi - 221 005 Uttar Pradesh	71.86	36
1340	Synthesis & characterization of nanoporous materials	DST-SERC-NSTI	Khan,F., Dr. (M) Dr. Harisingh Gaur Vishwavidyalaya Department of Chemistry Sagar - 470 003 Madhya Pradesh	18.96	36
1341	Synthesis of magnetic & semi conductor oxide nanomaterials from hydroxide precursors & layered solid nanoparticle nanocomposites	DST-SERC-NSTI	Rajamathi,M., Dr. (M) St. Joseph's College Department of Chemistry Bengalooru - 560 027 Karnataka	70.00	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1342	a-chlorosulphides as key intermediates for carbob-carbon bond formation en route to the synthesis of bioactive molecules	DST-SERC-SC	Raghavan,S., Dr. (M) Indian Institute of Chemical Technology Organic Division - I Hyderabad - 500 007 Andhra Pradesh	27.00	36
1343	Antibiotic resistance & Zinc hydrolases - understanding the role of metallo-beta-lactamases	DST-SERC-SC	Mugesh,G., Dr. (M) Indian Institute of Science Dept. of Inorganic & Physical Chemistry Bengalooru - 560 012 Karnataka	69.02	36
1344	Asymmetric reduction of prochiral ketones using catalytic transfer hydrogenation reaction: Its application to biologically active molecules with Beta-amino secondary alcohol as motif	DST-SERC-SC	Kumaraswamy,G., Dr. (M) Indian Institute of Chemical Technology Fine Chemical laboratory Hyderabad - 500 007 Andhra Pradesh	22.40	36
1345	Beta 23, - peptides with lateral & longitudinal amphipathicities: New Models to study lipid-peptide interactions with potential application in antibiotic development	DST-SERC-SC	Muraleedharan,K.M., Dr. (M) Indian Institute of Technology (M) Department of Chemistry Chennai - 600 036 Tamil Nadu	35.47	36
1346	Bonds & bands of aromatic systems with exo - Interactions: Insights & implications	DST-SERC-SC	Balakrishnanarajan,M.M., Dr. (M) Pondicherry University Department of Chemistry Puducherry - 605 014 Puducherry	35.70	36
1347	Catalytic activity of MCM - 48 functionalized with transition metals	DST-SERC-SC	Talukdar,A.K., Dr. (M) Gauhati University Department of Chemistry Guwahati - 781 014 Assam	26.01	36
1348	Catalytic asymmetric aminohalogenations of alkenes, alkynes & imines	DST-SERC-SC	Sudalai,A., Dr. (M) National Chemical Laboratory Division of Process Development Pune - 411 008 Maharashtra	21.68	36
1349	C-H bond activation: Tuning the catalyst	DST-SERC-SC	Bandopadhyaya,P., Dr. (M) North Bengal University Department of Chemistry Darjeeling - 734 430 West Bengal	18.80	36
1350	Counterion Binding Interfacial Property Correlation for AOT Micelles	DST-SERC-SC	Ismail,K., Prof. (F) North-Eastern Hill University Department of Chemistry Shillong - 793 022 Meghalaya	23.34	36
1351	Cycloadditions & rearrangements of diaziridines, triaziridines, azetidines & azetidinones	DST-SERC-SC	Yadav,V.K., Prof. (M) Indian Institute of Technology (K) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	49.70	36
1352	Cyclodiphosphazanes as building blocks to design inorganic rings, cages & clusters with both main group & transition elements & their catalytic utilities	DST-SERC-SC	Balakrishna,M.S., Prof. (M) Indian Institute of Technology (B) Department of Chemistry Mumbai - 400 076 Maharashtra	71.10	36
1353	Design & development of organic photovoltaic devices based on conjugated polymers	DST-SERC-SC	Saraswati,R., Dr. (F) Madurai Kamaraj University School of Chemistry Madurai - 625 021 Tamil Nadu	38.36	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1354	Design of novel a chiral liquid crystal exhibiting ferroelectric phase	DST-SERC-SC	Madhumohan,M.L.N., Dr. (M) Bannari Amman Institute of Technology Liquid Crystal Research Laboratory Erode - 638 401 Tamil Nadu	17.90	36
1355	Design, synthesis & biological studies of novel cationic porphyrin hybrids as potential anticancer agents	DST-SERC-SC	Kumar,D., Dr. (M) Birla Institute of Technology & Science Department of Chemistry Pilani - 333 031 Rajasthan	23.91	36
1356	Design, synthesis & characterization of metal organic framework with rectangular topology & their application	DST-SERC-SC	Suresh,E., Dr. (M) Central Salt & Marine Chemicals Research Institute Analytical Science Division Bhavnagar - 364 002 Gujarat	13.99	36
1357	Development & application of intruder free multi - reference perturbative & non perturbative formalisms	DST-SERC-SC	Chattopadhyay,S.K., Dr. (M) Bengal Engineering & Science University Department of Chemistry, Shibpur Howrah - 711 103 West Bengal	12.15	36
1358	Development & application of intruder free multi - reference perturbative & non perturbative formalisms	DST-SERC-SC	Mahapatra,U.K.S., Dr. (M) Taki Government College Department of Physics, North 24 Parganas - 741 101 West Bengal	6.65	36
1359	Development & application of intruder free multi - reference perturbative & non perturbative formalisms*	DST-SERC-SC	Chaudhuri,R.K., Dr. (M) Indian Institute of Astrophysics Bengalooru - 560 043 Karnataka	16.10	36
1360	Development & performace analysis of completely biodegradable polymer composites	DST-SERC-SC	Rajulu,A.V., Prof. (M) Sri Krishnadevaraya University Dept. of Polymer Science & Technology Anantapur - 515 003 Andhra Pradesh	9.24	36
1361	Development of C2 symmetric hetero-helicanes as fluorescent chiral sensors for amines & amino esters	DST-SERC-SC	Karnik,A.V., Dr. (M) Mumbai University Department of Chemistry Mumbai - 400 098 Maharashtra	28.43	36
1362	Development of Enantio - selective polymer membrane for optical resolution of chiral compounds	DST-SERC-SC	Singh,K., Dr. (M) Central Salt & Marine Chemicals Research Institute Osmosis Discipline Bhavnagar - 364 002 Gujarat	8.46	36
1363	Development of humidity & gas sensors using conducting polymer Nano composites	DST-SERC-SC	Prasad,M.V.N.A., Dr. (M) Gulbarga University Department of Materials Science Gulbarga - 585 106 Karnataka	19.22	36
1364	Development of nano crystallin hydroxyapatite-polymer composite for drug design & biomedical applications, Synthesis of doped CuIn02 thin films for bipolar conductivity applications	DST-SERC-SC	Meenakshisundaram,N., Dr. (M) K.S.Rangasamy College of Technology Centre for Nano Science, Tech. & Biotech. Tiruchengode - 637 209 Tamil Nadu	24.03	36
1365	Development of newer methods for quantification of antioxidant activity: Application of the development for the screening of free radical scavenging activity of antioxidanta	DST-SERC-SC	Nagaraja,P., Dr. (M) Mysore University Department of Studies in Chemistry Mysore - 570 006 Karnataka	15.21	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1366	Development of novel ruthenium pincer organometallic catalysts: Synthesis, structure & catalytic transfer hydrogenation	DST-SERC-SC	Ramesh,R., Dr. (M) Bharathidasan University Department of Chemistry Tiruchirappalli - 620 024 Tamil Nadu	17.34	36
1367	Development of novel sensitizers based on NIR dyes part of a major programme on Metal Based Drugs to be implemented by CCMB, Hyderabad	DST-SERC-SC	Rao,C.M., Dr. (M) Centre for Cellular & Molecular Biology Hyderabad - 500 007 Andhra Pradesh	51.30	36
1368	Development of Photo-crosslinkable thermotropic liquid crystalline polymers	DST-SERC-SC	Murugavel,S.C., Dr. (M) P.S.G. College of Technology Department of Chemistry Coimbatore - 641 004 Tamil Nadu	18.46	36
1369	Development of tailor made green packaging plastics - Thermal, mechanical & biodegradation studies	DST-SERC-SC	Sailaja,R.R.N., Dr. (F) The Energy Resources Institute Bengaluru - 560 071 Karnataka	22.30	36
1370	Development, Characterization & biological evaluation of microemulsion & lipid dispersion for drug dispersion for drug delivery & detoxification	DST-SERC-SC	Gupta,S., Dr. (F) Jabalpur University Centre for Surface Science Kolkata - 700 032 West Bengal	18.30	36
1371	Dicarboxylic acid bridged binuclear ruthenium complexes - Synthesis, characterization & electrochemistry	DST-SERC-SC	Natarajan,K., Prof. (M) Bharathiar University Department of Chemistry Coimbatore - 641 046 Tamil Nadu	13.75	36
1372	Electronic structure & properties based analysis of the effects of the alternation of backbone configuration on the secondary structure of furanoid sugar amino acids & related building blocks	DST-SERC-SC	Chakraborty,T.K., Dr. (M) Indian Institute of Chemical Technology Organic Division - III Hyderabad - 500 007 Andhra Pradesh	17.45	36
1373	Electronic structure & properties based analysis of the effects of the alternation of backbone configuration on the secondary structure of furanoid sugar amino acids & related building blocks*	DST-SERC-SC	Singh,H., Prof. (M) International Institute of Information Technology CTR for Comput. Nat. Sc. & Bioinform Hyderabad - 500 032 Andhra Pradesh	22.32	36
1374	Exploring chromophore - Selectivity in bichromophoric enones: Limitations & advantages	DST-SERC-SC	Lahiri,S., Prof. (F) Indian Association for the Cultivation of Science Department of Organic Chemistry Kolkata - 700 032 West Bengal	28.18	36
1375	Flexible multidentate N and/or O ligated transition metal complexes: Characterization & properties	DST-SERC-SC	Chandra,S.K., Dr. (M) Visva Bharati Department of Chemistry Santiniketan - 731 235 West Bengal	19.90	36
1376	Functionalization of Hydrocarbons using metalloboranes as catalyst	DST-SERC-SC	Ghosh,S., Dr. (M) Indian Institute of Technology (M) Department of Chemistry Chennai - 600 036 Tamil Nadu	41.77	36
1377	Functionalized polyoxometalates: Synthesis, characterization & asymmetric oxidation of alkenes	DST-SERC-SC	Patel,A., Dr. (F) M.S. University of Baroda Department of Chemistry Vadodra - 390 002 Gujarat	14.68	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1378	GaN - Nanowires to 'flat' microcrystals for direct dservice fabrication by the Vapor - Liquid Solid (VLS) growth route	DST-SERC-SC	Raghavan,S., Dr. (M) Indian Institute of Science Materials Research Centre Bengalooru - 560 012 Karnataka	33.68	36
1379	Heteropoly acids supported on titania and mesoporous materials as catalysts for acid & redox organic transformations	DST-SERC-SC	Halligudi,S.B., Dr. (M) National Chemical Laboratory Inorganic Chemistry & Catalysis Division Pune - 411 008 Maharashtra	9.87	36
1380	Hybrid capacitor with nano - materials for zero - emission vehicles	DST-SERC-SC	Michael,M.S., Dr. (M) Sri Sivasubramaniya Nadar College of Engineering Department of Engineering Chennai - 603 110 Tamil Nadu	14.09	36
1381	Intercalation chemistry of anions clay: Possible applications in separation of anions, organic synthesis & preparation of layered composites	DST-SERC-SC	Rajamathi,M., Dr. (M) St. Joseph's College Department of Chemistry Bengalooru - 560 027 Karnataka	22.78	36
1382	Investigation on some ortho-metallated & related species	DST-SERC-SC	Pal,S., Prof. (M) Hyderabad University School of Chemistry Hyderabad - 500 046 Andhra Pradesh	25.92	36
1383	Investigations on catalytic phosphorylation & other phosphorous based reactions	DST-SERC-SC	Kumaraswamy,K.C., Prof. (M) Hyderabad University School of Chemistry Hyderabad - 500 046 Andhra Pradesh	35.25	36
1384	Investigations on the synthesis of Nanocrystalline Calcium Phosphates to prepare bone & dental replacement materials & drug delivery systems	DST-SERC-SC	Kalkura,S.N., Dr. (M) Anna University Crystal Growth Centre Chennai - 600 025 Tamil Nadu	22.80	36
1385	Kinetic, mechanistic & pharmacological studies on Ru-pac (pac=polyaminocarboxylate) complexes towards development Ruthenium pharmaceuticals	DST-SERC-SC	Chatterjee,D., Dr. (M) Central Mechanical Engineering Research Institute Durgapur - 713 209 West Bengal	19.64	36
1386	L-Ascorbic Acid in organic synthesis: Studies towards 2-C-and/or 3-C-alkylation/arylation of ascorbic acid via suzuki coupling: Chiral synthesis of naturally occuring bioactive butyrolactones: Maculalactone A-C & Nonstoclde 1	DST-SERC-SC	Thopate,S.R., Dr. (M) Ahmednagar College P.G. School of Biological Studies Ahmednagar - 414 001 Maharashtra	20.68	36
1387	Magnetically active transition metal Molybdates	DST-SERC-SC	Ramanan,A., Dr. (M) Indian Institute of Technology (D) Department of Chemistry New Delhi - 110 016 Delhi	24.00	36
1388	Mechanism of Photochemical reactions in ionic liquids	DST-SERC-SC	Krishnamoorthy,G., Dr. (M) Indian Institute of Technology (G) Department of Chemistry Guwahati - 781 039 Assam	24.00	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1389	Metalloporphyrins catalyzed oxygenation of organic & organometallic compounds	DST-SERC-SC	Bandyopadhyay, P., Dr. (M) North Bengal University Department of Chemistry Darjeeling - 734 430 West Bengal	23.56	36
1390	Metalloporphyrin catalyzed oxidation of alkanes & alkenes: Nature of reactive intermediates	DST-SERC-SC	Bandyopadhyay, D., Dr. (M) Indian Institute of Technology (D) Department of Chemistry New Delhi - 110 016 Delhi	20.44	36
1391	Molecular designing, biochemical & electrochemical studies of Knoevenagel type Schiff bases & their complexes to find out the effect of antibacterial, antifungal & antitumor activities	DST-SERC-SC	Raman, N., Dr. (M) Virudhunagar Hindu Nadars Senthikumara Nadar College Department of Chemistry Virudhunagar - 626 001 Tamil Nadu	14.52	36
1392	Monitoring, characterization & remediation of metal ion contamination in Delhi soils using green approach	DST-SERC-SC	Sharma, M., Dr. (F) Kiroimal College Department of Chemistry Delhi - 110 007 Delhi	6.00	36
1393	Multi - Component reactions in aqueous medium - Synthesis of privileged medicinal scaffolds	DST-SERC-SC	Vasuki, G., Dr. (F) Pondicherry University Department of Chemistry Puducherry - 605 014 Puducherry	21.30	36
1394	Nano - material hydroxyapatite as a CO gas sensor	DST-SERC-SC	Khairnar, R.S., Dr. (M) Swami Ramanand Teerath Marathwada University Nanded - 431 606 Maharashtra	26.94	36
1395	New methods & techniques for solid state NMR spectroscopy: Rapid data collection & application to biological systems	DST-SERC-SC	Atreya, H.S., Dr. (M) Indian Institute of Science NMR Research Centre Bengalooru - 560 012 Karnataka	76.38	36
1396	NHC based multi-site coordinating ligand	DST-SERC-SC	Anantharaman, G., Dr. (M) Indian Institute of Technology (K) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	30.90	36
1397	NMR Studies of the role of molecular dynamics in protein - RNA interactions	DST-SERC-SC	Ravindranathan, S., Dr. (F) National Chemical Laboratory Pune - 411 008 Maharashtra	26.42	36
1398	Novel approach towards the synthesis of nano-membranes for the separation of gases: Structure property relationships in organosiloxane based polyurethanes & imides	DST-SERC-SC	Reddy, B.S.R., Dr. (M) Central Leather Research Institute Department of Industrial Chemistry Chennai - 600 020 Tamil Nadu	26.76	36
1399	Novel nanocomposite polymer electrolytes for lithium batteries	DST-SERC-SC	Stephan, A.M., Dr. (M) Central Electrochemical Research Institute Electrochemical Power Systems Division Karaikudi - 630 006 Tamil Nadu	20.00	36
1400	Optical material based on molecular assemblies in colloid, thin film & solid states	DST-SERC-SC	Radhakrishnan, T.P., Prof. (M) Hyderabad University School of Chemistry Hyderabad - 500 046 Andhra Pradesh	55.71	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1401	Optical nonlinearity & solution structure of molecular complexes by depolarized hyper-rayleigh scattering	DST-SERC-SC	Das, P.K., Dr. (M) Indian Institute of Science Dept. of Inorganic & Physical Chemistry Bengaluru - 560 012 Karnataka	37.87	36
1402	Optical properties of functionalized 1,8-naphthalimide derivatives & related compounds & their supramolecular chemistry	DST-SERC-SC	Baruah, J.B., Prof. (M) Indian Institute of Technology (G) Department of Chemistry Guwahati - 781 039 Assam	39.32	36
1403	Organic inorganic hybrid polymer membranes to investigate pervaporation coupled catalytic reactions	DST-SERC-SC	Gokavi, G.S., Dr. (M) Shivaji University Department of Chemistry Kolhapur - 416 004 Maharashtra	16.62	36
1404	Organometallic bioconjugates & functional self-assembled monolayers on curved & flat surfaces	DST-SERC-SC	Sarkar, A., Prof. (M) Indian Association for the Cultivation of Science Department of Organic Chemistry Kolkata - 700 032 West Bengal	37.45	36
1405	Polymorphism & pseudopolymorphism in molecule crystals & active pharmaceutical ingredients	DST-SERC-SC	Nangia, A., Prof. (M) Hyderabad University School of Chemistry Hyderabad - 500 046 Andhra Pradesh	62.34	36
1406	Polyoxometalates functionalized by crown ether derivatives, rotaxanes & pseudo-rotaxanes	DST-SERC-SC	Das, S.K., Dr. (M) Hyderabad University School of Chemistry Hyderabad - 500 046 Andhra Pradesh	21.31	36
1407	Preparation & characterization of perovskites & NASICON type compounds by metathesis reactions	DST-SERC-SC	Vithal, M., Dr. (M) Osmania University Department of Chemistry Hyderabad - 500 007 Andhra Pradesh	10.02	36
1408	Production of nano structured multilayer coating for industrial applications	DST-SERC-SC	Hegde, A.C., Dr. (M) National Institute of Technology (Karnataka) Department of Chemistry Mangalore - 575 025 Karnataka	29.79	36
1409	Size & Shape effects on the optical properties of nanocrystalline metal oxides	DST-SERC-SC	Jeevanandam, P., Dr. (M) Indian Institute of Technology (R) Department of Chemistry Roorkee - 247 667 Uttarakhand	31.13	36
1410	Solid phase intramolecular Wittig reaction using novel polymer bound triphenylphosphines: A study on the synthesis of macrocycle library	DST-SERC-SC	Bez, G., Dr. (M) North-Eastern Hill University Department of Chemistry Shillong - 793 022 Meghalaya	21.76	36
1411	Some insight on physicochemical properties of different electronic - ceramics using opto-impedance probe	DST-SERC-SC	Jaganathan, R., Dr. (M) Central Electrochemical Research Institute Materials Science Division Karaikudi - 630 006 Tamil Nadu	10.46	36
1412	Spin Glass - like ordering & exchange bias interactions in magnetic nanoparticles synthesized by chemical routes	DST-SERC-SC	Gajbhiye, N.S., Prof. (M) Indian Institute of Technology (K) Department of Chemistry Kanpur - 208 016 Uttar Pradesh	21.70	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
✓ 1413	Studies of organic FETs & 3-terminal structures for switching, memory & imaging applications	DST-SERC-SC	Narayan, K.S., Prof. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Chemistry & Physics of Materials Unit Bengaluru - 560 064 Karnataka	64.29	36
1414	Studies on surface capped semiconductor quantum dots: Novel synthesis by chemical & sonochemical methods & investigation of optical properties	DST-SERC-SC	Khanna, P.K., Dr. (M) Centre for Materials for Electronics Technology (C-MET) Pune - 411 008 Maharashtra	15.87	36
✓ 1415	Study of Ferrite nanoparticles	DST-SERC-SC	Mandal, K., Dr. (M) Satyendra Nath Bose National Centre for Basic Sciences Dept. of Condensed Matter Physics Kolkata - 700 098 West Bengal	55.83	36
1416	Study of structure & ion transport in doped plastic materials	DST-SERC-SC	Bhattacharyya, A.J., Dr. (M) Indian Institute of Science Solid State & Structural Chemistry Unit Bengaluru - 560 012 Karnataka	25.34	36
1417	Synergic extraction & stripping voltammetric determination of toxic metal ions & lanthanides at trace level by calix(n) arenes/calix(n) resorcinarenes	DST-SERC-SC	Kumar, A., Prof. (M) Devi Ahilya Vishwavidyalaya School of Chemical Sciences Indore - 452 017 Madhya Pradesh	17.00	36
1418	Synthesis & characterization of delafossite structure type CuMO ₂ oxides by Single Source Precursor (SSP) method	DST-SERC-SC	Nagarajan, R., Dr. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	24.00	36
1419	Synthesis & characterization of novel amphiphilic block copolymers using living radical polymerization	DST-SERC-SC	Ray, B., Dr. (M) Banaras Hindu University Department of Chemistry Varanasi - 221 005 Uttar Pradesh	34.35	36
1420	Synthesis & characterization of novel extended porphyrines - potential Photosensitizers for Photodynamic Therapy (PDT)	DST-SERC-SC	Panda, P.K., Dr. (M) Hyderabad University School of Chemistry Hyderabad - 500 046 Andhra Pradesh	26.44	36
1421	Synthesis & characterization of polyaromatic fused quinoxalines as dipolar functional materials	DST-SERC-SC	Thomas, K.R.J., Dr. (M) Indian Institute of Technology (R) Department of Chemistry Roorkee - 247 667 Uttarakhand	24.96	36
1422	Synthesis & characterization of some novel single source molecular precursors of Ti, Zr, V & Nb for ceramic materials	DST-SERC-SC	Bohra, R., Prof. (M) Rajasthan University Department of Chemistry Jaipur - 302 004 Rajasthan	13.14	36
1423	Synthesis & characterization of Tris (N-Salicylideneaniline) (TSAN) - based disc-shaped liquid crystals	DST-SERC-SC	Yelamaggad, C.V., Dr. (M) Centre for Liquid Crystal Research Bengaluru - 560 013 Karnataka	33.16	36
1424	Synthesis & structural characterization studies of organolanthanide complexes & their applications	DST-SERC-SC	Mani, G., Dr. (M) Indian Institute of Technology (Kh) Department of Chemistry Kharagpur - 721 302 West Bengal	39.39	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1425	Synthesis of chiral ligands/catalysts & their applications in asymmetric synthesis	DST-SERC-SC	Saikia, A.K., Dr. (M) Indian Institute of Technology (G) Department of Chemistry Guwahati - 781 039 Assam	20.61	36
1426	Synthesis of densely functionalized carbocycles from carbohydrates: Design of approaches to synthesize some important carbocyclic polyols	DST-SERC-SC	Rao, B.V., Dr. (M) Indian Institute of Chemical Technology Fine Chemical Laboratory Hyderabad - 500 007 Andhra Pradesh	25.82	36
1427	Synthesis of enantiometrically pure heterocycles via 1,3 - dipolar cycloadditions employing (R)-L-phenylethylamine as chiral auxiliary	DST-SERC-SC	Perumal, S., Prof. (M) Madurai Kamaraj University School of Chemistry Madurai - 625 021 Tamil Nadu	20.00	36
1428	Synthesis of functionalized polyethynyl pyrene & perylene derivatives for applications in molecular electronics & photonics	DST-SERC-SC	Sankararaman, S., Prof. (M) Indian Institute of Technology (M) Department of Chemistry Chennai - 600 036 Tamil Nadu	28.75	36
1429	Synthesis of mesoporous silica & alumina based oxide materials	DST-SERC-SC	Ghosh, N.N., Dr. (M) Birla Institute of Technology & Science Department of Chemistry Zuarinagar - 403 726 Goa	20.00	36
1430	Synthesis of multi drug resistance modulators	DST-SERC-SC	Singh, P., Dr. (M) Guru Nanak Dev University Department of Chemistry Amritsar - 143 005 Punjab	19.26	36
1431	Synthesis of multi drug resistance modulators*	DST-SERC-SC	Komath, S.S., Dr. (F) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	3.60	36
1432	Synthesis, characterization & reactivity of functional polysilanes bearing heteroatom substituted pendant groups	DST-SERC-SC	Shankar, R., Prof. (M) Indian Institute of Technology (D) Department of Chemistry New Delhi - 110 016 Delhi	24.39	36
1433	Synthesis, study & application of novel helical molecules	DST-SERC-SC	Bedekar, A.V., Dr. (M) M.S. University of Baroda Department of Chemistry Vadodra - 390 002 Gujarat	29.27	36
1434	Synthetic & catalytic studies of N-Heterocyclic Carbenes (NHC) & their late transition metal complexes	DST-SERC-SC	Ghosh, P., Dr. (M) Indian Institute of Technology (B) Department of Chemistry Mumbai - 400 076 Maharashtra	54.16	36
1435	Synthetic & catalytic studies on organocobalt metallocenes, metallacycles & their inorganic heterocyclic derivatives	DST-SERC-SC	Elias, A.J., Prof. (M) Indian Institute of Technology (D) New Delhi - 110 016 Delhi	32.26	36
1436	Tellurated & phosphinated schiff bases & related ligands & their metal complexes: Synthesis, structural chemistry & applications of catalytic organic synthesis	DST-SERC-SC	Singh, A.K., Prof. (M) Indian Institute of Technology (D) Department of Chemistry New Delhi - 110 016 Delhi	23.89	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1437	Time resolved spectroscopic investigation of excited state processes in neat solutions & microheterogeneous media	DST-SERC-SC	Datta,A., Dr. (F) Indian Institute of Technology (B) Department of Chemistry Mumbai - 400 076 Maharashtra	38.80	36
1438	Triazole bridged porphyrin assemblies by click chemistry: Synthesis, metallation, electrochemical & photophysical studies	DST-SERC-SC	Ravikanth,M., Dr. (M) Indian Institute of Technology (B) Department of Chemistry Mumbai - 400 076 Maharashtra	39.90	36
1439	Understanding the structural & surface chemistry of catalysts simultaneously under realistic reaction conditions by operando molecular spectroscopy	DST-SERC-SC	Lingaiah,N., Dr. (M) Indian Institute of Chemical Technology Dept. of Inorganic & Physical Chemistry Hyderabad - 500 007 Andhra Pradesh	23.02	36
1440	Voltammetric determination of some anabolic steroids, used for doping by athletes, in human blood & urine	DST-SERC-SC	Goyal,R.N., Prof. (M) Indian Institute of Technology (R) Roorkee - 247 667 Uttarakhand	18.16	36
1441	Assessment of Air Quality in & around Coal Industries of North East India	DST-SERC-WOS	Khare,P., Dr. (F) Regional Research Laboratory Coal Chemistry Division Jorhat - 786 005 Assam	8.22	36
1442	Cloud point & solution properties of amphiphilic drugs: Modulation with pharmaceutical excipients	DST-SERC-WOS	Naqvi,A.Z., Dr. (F) Aligarh Muslim University Department of Chemistry Aligarh - 202 002 Uttar Pradesh	19.08	36
1443	Desymmetrization of achiral dienes through ring - closing metathesis & ring - opening ring - closing metathesis: Use of planar chiral organometallic complexes	DST-SERC-WOS	Mukhopadhyay,S., Dr. (F) Indian Association for the Cultivation of Science Department of Organic Chemistry Kolkata - 700 032 West Bengal	17.28	36
1444	Development of Gelatin based nano carriers for magnetic controlled targeted delivery of anti tumour drugs	DST-SERC-WOS	Choubey,J., Dr. (F) Government Autonomous Science College Department of Chemistry Jabalpur - 482 001 Madhya Pradesh	16.08	36
1445	Electronic structure & properties of atomic nanoclusters	DST-SERC-WOS	Goel,N., Dr. (F) Panjab University Department of Chemistry Chandigarh - 160 014 Chandigarh	15.61	36
1446	Evaluating Salvinia sp. For Hyperaccumulation of various heavy metals	DST-SERC-WOS	Dhir,B., Dr. (F) Delhi University Department of Environmental Biology Delhi - 110 007 Delhi	16.08	36
1447	Investigation of the crystalline RE3 + : YAG fibres for Dosimetry	DST-SERC-WOS	Shabir,H., Ms. (F) Indian Institute of Technology (K) Centre for Laser Technology Kanpur - 208 016 Uttar Pradesh	9.66	36
1448	Investigation on the synthesis of phase pure Photocatalytic Anatase Nanocrystals for the degradation of Pollutants	DST-SERC-WOS	Thomas,J., Dr. (F) Mahatma Gandhi University School of Chemical Sciences Kottayam - 686 560 Kerala	11.88	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1449	Molecular scale interface engineering with self - organized donor - bridge - acceptor structures: Electron transport in single molecular junctions	DST-SERC-WOS	Patnaik,A., Prof. (F) Indian Institute of Technology (M) Department of Chemistry Chennai - 600 036 Tamil Nadu	106.10	36
1450	Multi - Component reactions in aqueous medium - Synthesis of privileged medicinal scaffolds	DST-SERC-WOS	Vasuki,G., Dr. (F) Pondicherry University Department of Chemistry Puducherry - 605 014 Puducherry	21.30	36
1451	Structure determination of drug targets using computational protocols	DST-SERC-WOS	Shenoy,S.R., Dr. (F) Indian Institute of Technology (D) Department of Chemistry New Delhi - 110 016 Delhi	10.68	36
1452	Studies on speciation of nutrients in the Krishna Estuary	DST-SERC-WOS	Vuravakonda,R.K., Dr. (F) Andhra University School of Chemistry Visakhapatnam - 530 003 Andhra Pradesh	16.62	36
1453	Synthesis & physiochemical characteristic of surfactants from bio sources	DST-SERC-WOS	Angayarkanny,S., Ms. (F) Central Leather Research Institute Industrial Chemistry Division Chennai - 600 020 Tamil Nadu	7.44	36
1454	Synthesis of nano - sized hydroxy - apatite & development of bio - materials for implant using different waste materials	DST-SERC-WOS	Adak,M.D., Dr. (F) National Institute of Technology (Rourkela) Department of Chemistry Rourkela - 769 008 Orissa	12.36	36
1455	Synthesis, photophysical & electroluminescent studies of some biscyclometalated iridium complexes	DST-SERC-WOS	Jayabharathi,J., Dr. (F) Annamalai University Department of Chemistry Annamalainagar - 608 002 Tamil Nadu	23.25	36
1456	Synthesis, structure & properties of Supramolecular systems formed by some 3d & 4f metal ions	DST-SERC-WOS	Sunkari,S., Dr. (F) Banaras Hindu University Department of Chemistry Varanasi - 221 005 Uttar Pradesh	16.38	36
1457	Biodiesel production from hydrocarbon yielding plants	DST-TSD	Khan,P.S.S.V., Dr. (M) Yogi Vemanna University Department of Botany Kadapa - 516 163 Andhra Pradesh	22.52	24
1458	Bioethanol production for alternative fuel from selected Lignocellulosic raw materials using their thermotolerance yeasts	DST-TSD	Rao,L.V., Prof. (M) Osmania University Department of Microbiology Hyderabad - 500 007 Andhra Pradesh	37.44	36
1459	Catholytic separation of carbondioxide from raw biogas through selective adsorption process over special mesoporous materials for development of green technology	DST-TSD	Vishwanathan,V., Dr. (M) Scientist E II Indian Institute of Chemical Technology Catalytic & Physical Chemistry Division Hyderabad - 500 007 Andhra Pradesh	19.94	24
1460	Development & applications of hydrolyzed & unhydrolyzed polyacrylamidegrafted Tamarind Kernel Powder (TKP) as flocculants for waste water treatment	DST-TSD	Pal,S., Dr. (M) Lecturer Birla Institute of Technology Department of Applied Chemistry Ranchi - 835 215 Jharkhand	8.10	24

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (In Months)
1461	Development of Carbon - Ceramic Composites for friction & wear applications	DST-TSD	Manoch,L.M., Prof. (M) Sardar Patel University Vallabh Vidyanagar - 388 120 Gujarat	32.80	24
1462	Development of conducting polymer rechargeable battery for consumer applications	DST-TSD	Paramshivam,M., Dr. (M) Scientist Central Electrochemical Research Institute Karaikudi - 630 006 Tamil Nadu	18.05	24
1463	Development of microelectrode arrays for electrochemical applications	DST-TSD	Srinivasan,R., Dr. (M) Scientist Central Electrochemical Research Institute Karaikudi - 630 006 Tamil Nadu	13.50	24
1464	Development of microelectrode arrays for electrochemical applications	DST-TSD	Dasgupta,A., Dr. (M) Indian Institute of Technology (M) Chennai - 600 036 Tamil Nadu	30.56	24
1465	Development of Originally modified nanoclay from pristine benonite of Indian origin & studies on its comparability in various polymer systems	DST-TSD	Ghatak,S., Dr. (M) Scientist Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	46.56	36
1466	Development of process for recovery of gasoline range hydrocarbons from waste plastics	DST-TSD	Singh,R.K., Dr. (M) National Institute of Technology (Rourkela) Department of Chemical Engineering Rourkela - 769 008 Orissa	29.92	24
1467	Development of reactors using palladium immobilized on bacterial cellulose for remediation of water contaminated with pentachlorophenol & lower chlorinated phenols	DST-TSD	Suresh,S., Dr. (F) Professor Indian Institute of Technology (B) Centre for E.S.E. Mumbai - 400 076 Maharashtra	30.85	36
1468	Development studies on the energy saving low mass kiln furniture with higher life for use pottery industries in Ahmedabad region	DST-TSD	Mishra,S.N., Dr. (M) Scientist Central Glass & Ceramic Research Institute Ahmedabad - 380 001 Gujarat	16.28	24
1469	Electrochemical studies of modified carbon nanotube microfiber electrode based sensor for the detection of adenosine concentration by using fast scan cyclic voltametry	DST-TSD	Kumarswamy,B.E., Dr. (M) Kuvempu University P.G. Studies & Res. in Indus. Chem. Shimoga - 577 451 Karnataka	23.32	24
1470	Engineered Biofiber hybrid composites: Opportunities & challenges for environmental sustainability & high performance applications	DST-TSD	Nayak,S.K., Dr. (M) Director General Central Institute of Plastics Engineering & Technology Chennai - 600 032 Tamil Nadu	22.89	24
1471	Integrated Arsenic & Iron removal from contaminated ground water	DST-TSD	Dutta,R.K., Dr. (M) Tezpur University Department of Chemical Sciences Tezpur - 784 028 Assam	12.73	36
1472	Microbial ensilation & Co-fermentation of shell wastes for recovery of biopolymer	DST-TSD	Stanlay,A.L., Dr. (M) Scientist C Sathyabama Institute of Science & Technology Centre for Ocean Research Chennai - 600 119 Tamil Nadu	16.99	24

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1473	Pilot Scale demonstration & technical feasibility of nano size photo catalytic titanium oxide for anti algal, anti bacterial & anti soiling coating on terra cotta & glazed ceramic surfaces	DST-TSD	Warrier,K.G.K., Dr. (M) Scientist Regional Research Laboratory Thiruvananthapuram - 695 019 Kerala	16.72	24
1474	Replication for defluoridation plants for fluoride effected areas of Andhra Pradesh	DST-TSD	Sridhar,S., Dr. (M) Indian Institute of Chemical Technology Hyderabad - 500 007 Andhra Pradesh	29.52	18
1475	Screening of indigeneous tree borne oils as potential raw materials for the preparation of biodiesel	DST-TSD	Prasad,R.B.N., Dr. (M) Deputy Director & Head Indian Institute of Chemical Technology Lipid Science & Technology Division Hyderabad - 500 007 Andhra Pradesh	16.46	24
1476	Study of the factors affecting the long term oxidation stability of Jatropha & Pongamia biodiesel	DST-TSD	Kumar,S.V., Dr. (M) Karunya University Department of Chemistry Coimbatore - 641 114 Tamil Nadu	27.28	36
1477	Study of toxic constituents of Jatropha Curcas (Oil, Oilcake & Biodiesel)	DST-TSD	Naik,S.N., Dr. (M) Indian Institute of Technology (D) Centre for Rural Dev. & Technology New Delhi - 110 016 Delhi	31.34	12
1478	Technology development & optimization for bioethanol production from potato & petha waste	DST-TSD	Bhadoria,S., Dr. (F) Raja Balwant Singh College Department of Botany Agra - 282 002 Uttar Pradesh	41.31	24
1479	Technology development of biodegradable additives & performance evaluation of biodegradable with various plastics	DST-TSD	Sharma,S.K., Dr. (M) Deputy Director Central Institute of Plastics Engineering & Technology Chennai - 600 032 Tamil Nadu	27.88	24
1480	Technology development of liquid phase adsorption of mercury using low-cost adsorbent for better management of industrial waste	DST-TSD	Dutta,S., Dr. (F) National Institute of Technology (Durgapur) Department of Chemical Engineering Durgapur - 713 209 West Bengal	7.50	36
1481	Chemical applications of molecular symmetry & group theory	DST-USERS	Garg,B.S., Prof. (M) Delhi University Department of Chemistry Delhi - 110 007 Delhi	2.57	24
1482	Monograph on "Mineral Resources Utilization & Conservation"	DST-USERS	Jena,P.K., Prof. (M) Institute of Minerals & Materials Technology Bhubaneswar - 751 013 Orissa	3.59	24
1483	Development of high performance, impermeable membrane from halobutyl nanobutyl nanocomposites for space applications	ISRO-RESPOND	Joseph,K., Dr. (M) I.I.S.T. Thiruvananthapuram - 695 022 Kerala	7.20	24
1484	Development of nano particles of (Ba, Sr, Ca) TiO ₂ & their combinational ceramic oxides through a novel modified combustion process for microwave applications	ISRO-RESPOND	Thomas,J.K., Dr. (M) Mar Ivanios College Thiruvananthapuram - 695 015 Kerala	5.67	24

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1485	Development of TiAl based intermetallic intermetric composites for prospective space applications	ISRO-RESPOND	Agarwal,V., Dr. (M) Indian Institute of Technology (R) Roorkee - 247 667 Uttarakhand	9.56	24
1486	Development of ultrafine grain aluminium alloy & composites through Equal Channel Angular Pressing (ECAP) for space applications	ISRO-RESPOND	Rajan,T.P.D., Dr. (M) Regional Research Laboratory Thiruvananthapuram - 695 019 Kerala	8.26	24
1487	Spectrisation, optimisation & fabrication of ferromagnetic shape memory alloys, smart composites for electro magnetic actuator applications in rocket	ISRO-RESPOND	Mahendran,M., Dr. (M) Thiagarajar College of Engineering Department of Physics Madurai - 625 015 Tamil Nadu	13.69	36
1488	Assessment of environmental quality with respect of chemical & radiological contamination in the vicinity of thermal power plants in Delhi	MOEF-ERP	Khillare,P.S., Dr. (M) Jawaharlal Nehru University School of Environmental Science New Delhi - 110 067 Delhi	27.69	36
1489	Bioremediation of polycyclic aromatic hydrocarbons (Pyrene)	MOEF-ERP	Suneja,S., Dr. (F) Ch. Charan Singh Haryana Agricultural University Department of Microbiology Hisar - 125 004 Haryana	11.41	36
1490	Degradation of dyes & refractory organic contaminate from textile & other Organic Industrial Effluents	MOEF-ERP	Babu,B.R., Dr. (M) Central Electrochemical Research Institute Karaikudi - 630 006 Tamil Nadu	12.03	36
1491	Detoxification of (hydro) chlorofluorocarbons & halons with methane catalytically to reusable hydrofluorocarbons	MOEF-ERP	Halligudi,S.B., Dr. (M) National Chemical Laboratory Pune - 411 008 Maharashtra	6.27	36
1492	Development of a reporter strain to monitor toxic & or Carcinogenic Polycyclic Aromatic Hydrocarbons (PAHs) in the environment	MOEF-ERP	Dutta,T.K., Dr. (M) Bose Institute Department of Microbiology Kolkata - 700 054 West Bengal	21.41	36
1493	Development of Novel chelating polymers for effective sorption of chromium ions from tannery waste	MOEF-ERP	Kaliyappan,T., Dr. (M) Assistant Professor Pondicherry Engineering College Department of Chemistry Puducherry - 605 014 Puducherry	13.19	36
1494	Disinfection of river/ pond/ ground water by novel disinfecting polymers	MOEF-ERP	Popat,K.M., Dr. (M) Central Salt & Marine Chemicals Research Institute Bhavnagar - 364 002 Gujarat	11.95	36
1495	Effect of Heavy metal pollutants on the induction of bio markers protein, metallothionein in the selective edible organism of the coastal areas of Tamil Nadu	MOEF-ERP	Vincent,S., Dr. (M) Loyola College Department of Zoology Chennai - 600 034 Tamil Nadu	12.60	36
1496	Monitoring & removal of toxic compounds from Indian paper mill waste waters	MOEF-ERP	Kumar,S., Dr. (M) Central Pulp & Paper Research Institute Department of Paper Technology Saharanpur - 247 001 Uttar Pradesh	9.46	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
1497	Pesticide degradation using cultural & biological tools to minimize ground water pollution	MOEF-ERP	Srivastava,A., Dr. (F) G.B. Pant University of Agriculture & Technology College of Basic Science & Humanities Pantnagar - 263 145 Uttarakhand	18.41	36
1498	Phytoremediation of hydrocarbon contaminated soil of Assam	MOEF-ERP	Deka,S., Dr. (M) Institute of Advanced Study in Science & Technology Guwahati - 781 022 Assam	11.58	36
1499	Removal of multimetal pollution from industrial waste streams & natural aquifer system by macrocycle functionalized dendrimers in the presence of organophilic colligands	MOEF-ERP	Alexander,V., Dr. (M) Loyola College Department of Chemistry Chennai - 600 034 Tamil Nadu	11.02	36
1500	The impact of coal mining on water quality & microbial communities in Jaintia Hills District, Meghalaya	MOEF-ERP	Kayang,H., Dr. (M) North-Eastern Hill University Department of Botany Shillong - 793 014 Meghalaya	15.11	36
1501	Generation of Biogas through Biomethanation of De-oiled Cake of Jatropha	PCRA-R&D	Kundu,K., Dr. (M) Scientist MERADO Ludhiana - 141 006 Punjab	16.30	36
1502	Generation of Syngas through Plasma Gasification of Plastic Waste	PCRA-R&D	Chatterjee,P.K., Dr. (M) Scientist Central Mechanical Engineering Research Institute Durgapur - 713 201 West Bengal	37.48	36
1503	Up-flow Anaerobic Sludge Blanket (UASB) and Sequencing Batch Reactor (SBR) system for sewage treatment & reuse	PCRA-R&D	Kazmi,A.A., Dr. (M) Assistant Professor Indian Institute of Technology (R) Department of Civil Engineering Dehradun - 247 667 Uttarakhand	9.25	15
1504	(a.) Kinetic parameters of new platinum metals complexes & their catalytic importance (b.) Synthesis & applications of some temperature resistance inorganic polymers b. Synthesis & applications of some temperature resistance inorganic polymers	UGC-MJRP	Kumar,V., Dr. (M) College of Commerce Department of Chemistry Patna - 800 020 Bihar	5.15	36
1505	Arsenic toxicity in the food chain of the arsenic affected fluvial Plains of Bihar	UGC-MJRP	Ghosh,A.K., Dr. (M) A.N. College Dept. of Environmental Science Patna - 800 013 Bihar	10.34	36
1506	Asymmetric synthesis through phase transfer catalysis	UGC-MJRP	Pathnak,V.N., Prof. (M) Rajasthan University Department of Chemistry Jaipur - 302 004 Rajasthan	9.91	36
1507	Bio - SynthesisNano particles	UGC-MJRP	Venkataraman,A., Dr. (M) Gulbarga University Department of Material Science Gulbarga - 585 106 Karnataka	5.63	36
1508	Biodegradable Nanogels as potential drug delivery carriers for development of target specific chemotherapeutic agents	UGC-MJRP	Chhikara,A., Dr. (F) Dayal Singh College Department of Chemistry New Delhi - 110 003 Delhi	5.80	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (In Months)
1509	Chemical characterization of nutrients & antinutrients in seeds of a neglected wild species chenopodium album	UGC-MJRP	Kumari, K.M., Dr. (F) Dayal Bagh Educational Institute Department of Chemistry Agra - 282 005 Uttar Pradesh	7.50	36
1510	Computational design, synthesis & activity studies of novel high affinity human Dihydrofolate Reductase (DHFR) inhibitors	UGC-MJRP	Vijulatha, M., Dr. (F) Nizam College Department of Chemistry Hyderabad - 500 001 Andhra Pradesh	3.59	36
1511	Corrosion inhibition by plant extracts	UGC-MJRP	Rajendran, S., Dr. (M) G.T.N. Arts College Department of Chemistry Dindigul - 624 003 Tamil Nadu	4.97	36
1512	Design, synthesis & efficacy evaluation of N & S Heterocycles as potential antifungal agent	UGC-MJRP	Halve, A.K., Dr. (M) Jiwaji University Department of Chemistry Gwalior - 474 011 Madhya Pradesh	7.48	36
1513	Design, synthesis & structure activity evaluation of some new organophosphorus molecules	UGC-MJRP	Reddy, C.S., Dr. (M) Sri Venkateswara University Department of Chemistry Tirupati - 517 502 Andhra Pradesh	8.95	36
1514	Detection of algal blooms & characterization of cyanobacterial toxins in contaminated water bodies of Madurai & Vaigai river in Tamil Nadu	UGC-MJRP	Srisudha, S., Dr. (F) Lady Doak College Dept. of Environmental Science Madurai - 625 002 Tamil Nadu	9.14	36
1515	Detection of Ammonia in the environment by using SWCNT/S-PANI Composite thin film sensor	UGC-MJRP	Mukkanti, K., Dr. (M) Jawaharlal Nehru Technological University Dept. of Environmental Science Hyderabad - 500 085 Andhra Pradesh	9.72	36
1516	Detoxification of Organochloride pesticide effluents by combined electrochemical reduction & oxidation techniques	UGC-MJRP	Muthukumar, M., Dr. (M) Bharathiar University Dept. of Environmental Science Coimbatore - 641 046 Tamil Nadu	8.47	36
1517	Development & characterization of carbon-ceramic foam for high temperature applications	UGC-MJRP	Manocha, S.M., Dr. (F) Sardar Patel University Department of Material Science Vallabh Vidyanagar - 388 120 Gujarat	10.22	36
1518	Development of flame - retarded fibreforming polymer nanocomposites	UGC-MJRP	Dahiya, J.B., Dr. (M) Guru Jambheshwar University of Science & Technology Department of Chemistry Hisar - 125 001 Haryana	5.65	36
1519	Development of H ₂ S gas sensor using zinc oxide thin films prepared by advanced two stage spray pyrolysis system	UGC-MJRP	Uplane, M.D., Dr. (M) Shivaji University Department of Material Science Kolhapur - 416 004 Maharashtra	9.58	36
1520	Development of high performance rubber modified epoxy resin/clay nanocomposites	UGC-MJRP	Thomas, S., Prof. (M) Mahatma Gandhi University Department of Chemistry Kottayam - 686 001 Kerala	8.90	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1521	Development of nevel polyester polyols based polyurethane resins for biocomposities & coating materials	UGC-MJRP	Parsania, P.H., Dr. (M) Saurashtra University Department of Chemistry Rajkot - 360 005 Gujarat	6.82	36
1522	Development of new polymer & clay anchored transition metal complex catalysts & their applications in catalytic oxidation reduction & carbonylation reactions	UGC-MJRP	Islam, S.K.M., Dr. (M) Kalyani University Department of Chemistry Kalyani - 741 235 West Bengal	5.53	36
1523	Development of preconcentration methods for drugs & their analysis by HPLC-UV method	UGC-MJRP	Malik, A.K., Mr. (M) Punjabi University Department of Chemistry Patiala - 147 001 Punjab	8.48	36
1524	Development of some conducting polymer coating for protection of steels against corrosion	UGC-MJRP	Mobin, M., Dr. (M) Aligarh Muslim University Department of Chemistry Aligarh - 202 002 Uttar Pradesh	6.18	36
1525	Developments of newer synthetic methodologies using heterogeneous solid acids & bases as catalysts	UGC-MJRP	Pore, D.M., Dr. (M) Shivaji University Department of Chemistry Kolhapur - 416 004 Maharashtra	6.78	36
1526	Domino witting - Diels - Alder reactions	UGC-MJRP	Tilve, S.G., Dr. (M) Goa University Department of Chemistry Goa - 403 206 Goa	6.28	36
1527	Dynamic of Adsorption & Optimization of process parameters for the removal of Toxic Metal Ions	UGC-MJRP	Kannan, N., Dr. (M) Ayya Nadar Janaki Ammal College Department of Chemistry Sivakasi - 626 124 Tamil Nadu	5.66	36
1528	Eco friendly method of synthesis, characterization, electron transfer properties, application of organo - silicon complexes with oxygen, nitrogen & sulphur donor ligands	UGC-MJRP	Devi, J., Dr. (F) Guru Jambheshwar University of Science & Technology Department of Chemistry Hisar - 125 001 Haryana	5.40	36
1529	Eco-Friendly pest management: Development of carvacrol derivatives as insects growth regulators	UGC-MJRP	Bendre, R.D., Dr. (F) North Maharashtra University Department of Chemistry Jalgaon - 425 001 Maharashtra	6.28	36
1530	Electrochemical studies of Adrenaline & No9 radrenaline at carbon nanotube modified glassy carbon electrode	UGC-MJRP	Mamatha, G.P., Dr. (F) A.V.K. College for Women Department of Chemistry Davangere - 577 002 Karnataka	5.30	36
1531	Electron transfer & spectroscopic properties of some ruthenium & rhodium complexes with oxygen, nitrogen & sulfur donor ligands	UGC-MJRP	Chattopadhyay, S.K., Dr. (M) Bengal Engineering & Science University Department of Chemistry, Shibpur Howrah - 711 103 West Bengal	5.30	36
1532	Fabrication of new polymer chemical sensors for environmental protection	UGC-MJRP	Uberoi, V., Dr. (F) Acharya Narendra Dev College Dept. of Environmental Science New Delhi - 110 019 Delhi	7.57	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (in Months)
1533	Facile synthesis of biodynamic chiral organophosphorus heterocycles	UGC-MJRP	Kabra,V., Dr. (F) Rajasthan University Department of Chemistry Jaipur - 302 004 Rajasthan	9.26	36
1534	Fluorogenic Anion Sensors	UGC-MJRP	Kumar,M., Dr. (M) Guru Nanak Dev University Department of Chemistry Amritsar - 143 005 Punjab	7.99	36
1535	Gainful employment for rural woman of Uttarakhand by cultivation & utilisation of essential Oil Bearing Plants	UGC-MJRP	Rawat,U., Dr. (F) Hemwati Nandan Bahuguna Garhwal University Department of Chemistry Srinagar Garhwal - 246 174 Uttarakhand	6.74	36
1536	Green pesticides: Preparation, characterization & Biological studies of Metallo - organyl matrixes	UGC-MJRP	Hashmi,A.A., Dr. (M) Jamia Millia Islamia Department of Chemistry New Delhi -110 025 Delhi	6.03	36
1537	Growth & effect of SHI ions on structural & opto-electronics properties of Nanocomposite CdS-Bi ₂ S ₃ Semiconductor thin films for photosensor application	UGC-MJRP	Sharma,R., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Department of Material Science Aurangabad - 431 004 Maharashtra	7.14	36
1538	Industrial exploration of unusual fatty acids from medicinal plants & synthesis of biologically potent benzimidazole derivatives	UGC-MJRP	Hosamani,K.M., Dr. (M) Karnatak University Department of Chemistry Dharwad - 580 003 Karnataka	5.48	36
1539	Kinetics of Degradation of pesticides in Organized Media	UGC-MJRP	Rafiquee,M.Z.A., Dr. (M) Aligarh Muslim University Department of Chemistry Aligarh - 202 002 Uttar Pradesh	5.55	36
1540	Major Ion chemistry of Wastewater & Groundwater Aquifers in Jaipur City	UGC-MJRP	Chandel,C.P.S., Dr. (M) Rajasthan University Department of Chemistry Jaipur - 302 004 Rajasthan	5.35	36
1541	Management of Metallic Pollutants with Biosorption Technology	UGC-MJRP	Kasthuri,J., Dr. (F) The Standard Fireworks Rajatnam College for Women Dept. of Environmental Management Sivakasi - 626 123 Tamil Nadu	10.88	36
1542	Mixed micelles & synthesis of gold & silver nanoparticles by using mixed Gemini surfactants as capping agents	UGC-MJRP	Bakshi,M.S., Dr. (M) Guru Nanak Dev University Department of Chemistry Amritsar - 143 005 Punjab	7.94	36
1543	Modeling tandem reactions involving cycloaddition, extrusion, electrocyclic ring opening & closure & simatropic rearrangement	UGC-MJRP	Venuvanalingam,P., Dr. (M) Bharathidasan University Department of Chemistry Tiruchirappalli - 620 024 Tamil Nadu	6.88	36
1544	Nanomaterials as potential burning rate catalysts for solid propellants	UGC-MJRP	Singh,G., Prof. (M) Deendayal Upadhyaya University of Gorakhpur Department of Chemistry Gorakhpur - 273 001 Uttar Pradesh	8.75	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1545	New route to the total synthesis of Bacillamide & its analogues & their photochemical DNA cleaving activity	UGC-MJRP	Aggarwal,R., Dr. (F) Kurukshetra University Department of Chemistry Kurukshetra - 136 119 Haryana	7.11	36
1546	Palladium - catalyzed reaction: An approach towards the synthesis of biologically active carbo/heteroannulated heterocyclic compounds	UGC-MJRP	Singh,R.M., Dr. (M) Banaras Hindu University Department of Chemistry Varanasi - 221 005 Uttar Pradesh	5.88	36
1547	Phosphonium compounds as corrosion inhibitors	UGC-MJRP	Singh,G., Prof. (M) Delhi University Department of Corrosion Chemistry Delhi - 110 007 Delhi	6.57	36
1548	Porphyrin bound tetraaza macrocycles as selective anion & cation sensors	UGC-MJRP	Narayanan,V., Dr. (M) Madras University Department of Inorganic Chemistry Chennai - 600 025 Tamil Nadu	8.51	36
1549	Probing twisted intramolecular charge transfer fluorescence to characterise the miscelles of some gemini surfactants	UGC-MJRP	Saha,S.K., Dr. (M) Birla Institute of Technology & Science Department of Chemistry Pilani - 333 031 Rajasthan	8.44	36
1550	Removal of fluoride from drinking water	UGC-MJRP	Prakash,A., Dr. (M) Jai Narain Vyas University Department of Chemistry Jodhpur - 342 001 Rajasthan	8.60	36
1551	Removal of hot brand bifunctional monoazo reactive dyes from textile industries by adsorption & non adsorption methods	UGC-MJRP	Patel,S.K., Dr. (F) Veer Narmad South Gujarat University Dept. of Environmental Science Surat - 395 007 Gujarat	7.38	36
1552	Search for novel bioactive natural products from Indian propolis	UGC-MJRP	Begum,N.A., Dr. (F) Visva Bharati Department of Chemistry Santiniketan - 731 235 West Bengal	5.50	36
1553	Selective oxidation of organic substrates having bi/multifunctional groups by Celytrimethylammonium Dichromate	UGC-MJRP	Mishra,B.K., Prof. (M) Sambalpur University Department of Chemistry Burla - 768 019 Orissa	5.45	36
1554	Silicon assisted norrish type cleavage & their application	UGC-MJRP	Das,T.M., Dr. (M) Madras University Department of Organic Chemistry Chennai - 600 025 Tamil Nadu	5.65	36
1555	Single Crystal EPR studies of transition metal ions in DIA & paramagnetic host lattices	UGC-MJRP	Rao,P.S., Prof. (M) Pondicherry University Department of Chemistry Puducherry - 605 014 Puducherry	5.68	36
1556	Size - dependent Electronic structure of nano - clusters & cluster - molecule interaction	UGC-MJRP	Sarkar,P., Dr. (M) Visva Bharati Department of Chemistry Santiniketan - 731 235 West Bengal	5.80	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1557	Solid phase extraction methodologies for heavy metal removal	UGC-MJRP	Karve,M., Dr. (F) Mumbai University Department of Chemistry, Vidyavanagar Mumbai - 400 098 Maharashtra	6.43	36
1558	Solid phase extraction of trace metal ions from biological & environmental samples using resins functionalized with tridentate aromatic thiosemicarbazones	UGC-MJRP	Seshaiah,K., Prof. (M) Sri Venkateswara University Department of Chemistry Tirupati - 517 502 Andhra Pradesh	6.62	36
1559	Studies of surfactants for solar energy conservation & storage in photo galvanic Cell	UGC-MJRP	Meena,R.C., Dr. (M) Jai Narain Vyas University Department of Chemistry Jodhpur - 342 005 Rajasthan	5.60	36
1560	Studies on metal thio - & selenocarboxylates: Precursors for metal sulphide/ selenide nanomaterials	UGC-MJRP	Adhikary,B., Dr. (M) Bengal Engineering & Science University Department of Chemistry, Shibpur Howrah - 711 103 West Bengal	7.78	36
1561	Studies on pesticide residues in surface & sub - surface water systems, biological materials & agricultural Run - Off	UGC-MJRP	Naidu,N.V.S., Dr. (M) Sri Venkateswara University Department of Chemistry Tirupati - 517 502 Andhra Pradesh	5.88	36
1562	Studies on properties & applications of some natural lingo-cellulose fibres	UGC-MJRP	Rajulu,A.V., Dr. (M) Sri Krishnadevaraya University Department of Material Science Anantapur - 515 003 Andhra Pradesh	7.38	36
1563	Study of amino acid - surfactant/carbohydrate interactions in aqueous medium	UGC-MJRP	Ali,A., Prof. (M) Jamia Millia Islamia Department of Chemistry, Jamia Nagar New Delhi - 110 025 Delhi	6.18	36
1564	Study on MDR inhibitors from selected herbs of Garhwal Himalaya	UGC-MJRP	Nagi,D.S., Dr. (M) Hemwati Nandan Bahuguna Garhwal University Department of Chemistry Srinagar Garhwal - 246 174 Uttarakhand	6.27	36
1565	Summit of the B - Lactam antibiotics for broad - spectrum improvement	UGC-MJRP	Meshram,J., Dr. (F) R.T.M. Nagpur University Department of Chemistry Nagpur - 440 033 Maharashtra	6.41	36
1566	Synthesis & characterisation of tetra - ortho - substituted biaryls: A new class of crosslinkers & potential intermediates for 'Click' Reaction	UGC-MJRP	Eswaran,S.V., Dr. (M) St. Stephen's College Department of Chemistry Delhi - 110 007 Delhi	7.06	36
1567	Synthesis & characterization of Bio & Nanocomposites of natural Rubber & Polyester	UGC-MJRP	Thakore,S.I., Dr. (F) M.S. University of Baroda Department of Chemistry Vadodara - 390 002 Gujarat	6.44	36
1568	Synthesis & characterization of metal nanoparticles for the elimination of automotive exhaust pollutant gases	UGC-MJRP	Yadav,O.P., Dr. (M) Guru Jambheshwar University of Science & Technology Department of E.S.E. Hisar - 125 001 Haryana	7.62	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (in Months)
1569	Synthesis & characterization of Polymer carbon Nano-Composites for supercapacitor Application	UGC-MJRP	Sharma,A.K., Dr. (M) Guru Jambheshwar University of Science & Technology Department of Chemistry Hisar - 125 001 Haryana	9.52	36
1570	Synthesis & characterization of psyllium polysaccharides based novel hydrogels for the use in colon specific drug delivery	UGC-MJRP	Singh,B., Dr. (M) Himachal Pradesh University Department of Chemistry Shimla - 171 005 Himachal Pradesh	6.02	36
1571	Synthesis & characterization of transition metal complexes of new macrocyclic ligand with pendent arms	UGC-MJRP	Chandra,S., Dr. (M) Zakir Husain College Department of Chemistry, J.L. Nehru Marg New Delhi - 110 002 Delhi	6.13	36
1572	Synthesis & evaluation of polymeric adsorbents for the removal of fluoride	UGC-MJRP	Dey,R.K., Dr. (M) Birla Institute of Technology Department of Applied Chemistry Ranchi - 835 215 Jharkhand	5.82	36
1573	Synthesis & studies of new nanoscale Chemosensors for Analysis of several pollutants in the environment	UGC-MJRP	Kandaswamy,M., Prof. (M) Madras University Department of Inorganic Chemistry Chennai - 600 025 Tamil Nadu	8.12	36
1574	Synthesis & study of transition metal complexes of Betti base & analogs	UGC-MJRP	Trivedi,B., Dr. (F) M.S. University of Baroda Department of Chemistry Vadodara - 390 002 Gujarat	8.89	36
1575	Synthesis characterization & applications of novel polymeric beads in trace metal analysis catalysis & controlled drug delivery	UGC-MJRP	Ramana,P.V., Dr. (M) Sri Krishnadevaraya University Department of Chemistry Kurnool - 518 002 Andhra Pradesh	5.59	36
1576	Synthesis characterization & evaluation of superoxide scavenging activity of some coumarin containing schiff bases & their Mn (II) Cu (II) & Zn (II) complexes	UGC-MJRP	Upadhyay,K.K., Dr. (M) Banaras Hindu University Department of Chemistry Varanasi - 221 005 Uttar Pradesh	5.13	36
1577	Synthesis of metal complexes with fused aromatic ligands as potential agents in cancer treatment: Osar, DNA Binding & Cleavage studies	UGC-MJRP	Bhojyanaik,H.S., Dr. (M) Kuvempu University Department of Industrial Chemistry Shimoga - 577 451 Karnataka	7.07	36
1578	Synthesis of novel quinolone carboxylic acid derivatives having potential anti-bacterial properties	UGC-MJRP	Dubey,P.K., Dr. (M) Jawaharlal Nehru Technological University Department of Chemistry, Kukatapally Hyderabad - 500 072 Andhra Pradesh	7.95	36
1579	Synthesis of novel vanadium (iv) complexes of some biologically important hydroxamic acids: Characterization & evaluation of their potential antifungal & antibacterial activities	UGC-MJRP	Sharma,N., Mrs. (F) Himachal Pradesh University Department of Chemistry Shimla - 171 005 Himachal Pradesh	8.15	36
1580	Synthesis of Spiroheterocycles	UGC-MJRP	Behera,A.K., Dr. (M) Sambalpur University Department of Chemistry, Jyoti Vihar Burla - 768 019 Orissa	6.73	36

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1581	Synthesis, characterization, structure of some novel nano - crystalline mesoporous catalytic material & their catalytic performances	UGC-MJRP	Rani, A., Dr. (F) Government (P.G.) College Department of Chemistry Kota - 324 001 Rajasthan	5.98	36
1582	Synthesis, chemical, spectral & biological evaluation of heterocyclic compounds	UGC-MJRP	Shamsuzzaman, Dr. (M) Aligarh Muslim University Department of Chemistry Aligarh - 202 002 Uttar Pradesh	5.45	36
1583	Thermocatalytic decomposition of Hydrocarbons for hydrogen production	UGC-MJRP	Himabindu, V., Dr. (M) Jawaharlal Nehru Technological University Dept. of Environmental Science Hyderabad - 500 072 Andhra Pradesh	6.30	36
1584	VoltammetricElectrodes	UGC-MJRP	Sharma, D.K., Dr. (M) Rajasthan University Department of Chemistry Jaipur - 302 004 Rajasthan	5.32	36
1585	Aeyl pyrazolone analogours synthesis, characterization metal complex synthesis & some theoretical in terpretations	UGC-MNRP	Jadeja, R.N., Dr. (M) M.S. University of Baroda Department of Chemistry Vadodara - 390 002 Gujarat	0.65	24
1586	Design, synthesis & characterization of novel peptide amphiphiles for the preparation of bioorganic nanomaterials	UGC-MNRP	Halder, S., Mr. (M) Jadavpur University Department of Bio-Organic Chemistry Kolkata - 700 032 West Bengal	1.00	24
1587	Heavy metals in the soil, water, vegetables, fruits & human (blood samples) in & around Anantapur township	UGC-MNRP	Sharma, S., Dr. (F) Sri Sathya Sai Institute of Higher Learning Dept. of Environmental Science Anantapur - 515 001 Andhra Pradesh	1.00	24
1588	Heterogeneous sonophotocatalytic Oxidation Processes for treatment of wastewater from Pharma industry	UGC-MNRP	Kumar, A., Mr. (M) Thapar University Dept. of Environmental Science Patiala - 147 004 Punjab	1.00	24
1589	Hypervalent Iodine compounds in organic chemistry	UGC-MNRP	Vikas, Dr. (M) Guru Jambheshwar University of Science & Technology Department of Chemistry Hisar - 125 001 Haryana	1.00	24
1590	Lipase catalyzed generation of Biodiesel from Jathropa & used frying oils	UGC-MNRP	Prakash, R., Dr. (F) Thapar University Department of Chemistry Patiala - 147 004 Punjab	1.00	24
1591	Micellar effect on the kinetics & mechanism of chromium (VI) oxidation of different organic substrates in presence of chelating catalysts (e.g. picolinic acid, 2,2' - bipyridine 1,10 - phenanthroline etc.	UGC-MNRP	Saha, B., Mr. (M) Burdwan University Department of Chemistry, Golapbag Burdwan - 713 104 West Bengal	0.80	24
1592	Oxidation of organic substrates by chromium (VI) in Aqueousmicellar media: Studies on kinetics & mechanism & development of chromate oxidimetry under two-phase oxidation	UGC-MNRP	Das, A.K., Prof. (M) Visva Bharati Department of Inorganic Chemistry Santiniketan - 731 235 West Bengal	0.60	24

BROAD SUBJECT AREA : CHEMICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1593	Studies on removal of mercury & cadmium through phytoremediation	UGC-MNRP	Kavitha, K.K., Ms. (F) Tamil University Dept. of Environmental Science Thanjavur - 613 010 Tamil Nadu	1.00	24
1594	Study of thermodynamic & transport properties of some liquids & liquid mixtures	UGC-MNRP	Sharma, D.K., Dr. (M) Bundelkhand University Institute of Basic Sciences Jhansi - 284 128 Uttar Pradesh	1.00	24
1595	Thermodynamic & transport properties of binary & ternary mixtures of components of cajuput oil with organic solvents	UGC-MNRP	Sharma, S., Dr. (F) Hemchandracharya North Gujarat University Department of Chemistry Patan - 384 265 Gujarat	0.94	24
Total Cost of 596 Projects Under: Chemical Sciences				10,974.58	

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1596	Seismic tomography & tectonics of Southeast Asia: North East India & Andaman region	CSIR-ES	Kayal,J.R., Dr. (M) Jadavpur University School of Oceano Studies Kolkata - 700 032 West Bengal	14.46	36
1597	A survey on the microbiological characteristics of Chennai, Southeast coast of India	CSIR-GS	Seshadri,S., Dr. (M) Shri A.M.M. Murugappa Chettiar Research Centre Chennai - 600 113 Tamil Nadu	14.36	36
1598	Coastal geomorphology & information systems towards hazard preparedness	CSIR-GS	Rao,K.N., Prof. (M) Andhra University Department of Geo-Engineering Visakhapatnam - 530 003 Andhra Pradesh	12.76	36
1599	Ecological studies & mathematical modelling on biological invasions in Gulf of Mannar	CSIR-GS	Chandrasekaran,S., Dr. (M) Thiagarajar College Department of Botany Madurai - 625 009 Tamil Nadu	15.16	36
1600	Geomorphological change detection & digital elevation model generation using Remote Sensing technique	CSIR-GS	Surendran,A., Dr. (M) Sathyabama Institute of Science & Technology Centre for Remote Sensing & Geoin. Chennai - 600 119 Tamil Nadu	24.26	36
1601	Post - Tsunami coastal geomorphic changes in Northern Tamil Nadu: Impact of shore protection measures & vulnerability to extreme events	CSIR-GS	Mohan,V.R., Dr. (M) Madras University Department of Geology Chennai - 600 025 Tamil Nadu	15.81	36
1602	Recognition of storm surge & paleotsunami events in selected coastal plains of Southern Tamil Nadu	CSIR-GS	Seralathan,P., Prof. (M) Cochin University of Science & Technology Dept. of Marine Geology & Geophysics Kochi - 682 016 Kerala	13.76	36
1603	Shallow marine event beds within the upper Vindhya, Son valley, Central India	CSIR-GS	Sarkar,S., Dr. (M) Jadavpur University Department of Geological Sciences Kolkata - 700 032 West Bengal	4.70	36
1604	Spatial estimation of Q from seismic CODA observations in the Gauribidanur seismic array region of Southern India	CSIR-GS	Tripathi,J.N., Dr. (M) Allahabad University Department of Earth & Planetary Science Allahabad - 211 002 Uttar Pradesh	11.26	36
1605	Zero - Valent metal based catalysts for dehalogenation of AOX (Adsorbable organic halides) compounds in pulp & paper industrial effluents	CSIR-GS	Suresh,S., Dr. (F) Indian Institute of Technology (B) Mumbai - 400 076 Maharashtra	9.96	36
1606	Documentary film of baseline survey of Domiasiat	DAE-BRNS	Khathing,D.T., Prof. (M) Registrar North-Eastern Hill University Shillong - 793 022 Meghalaya	9.98	6
1607	Earthquake response characteristics of masonry infill panels	DAE-BRNS	Venkataramana,K., Dr. (M) National Institute of Technology (Karnataka) Surathkal - 575 025 Karnataka	24.42	10
1608	Geohydrological studies around uranium mining sites in Singhbhum thrust belt, Jharkhand	DAE-BRNS	Rao,V.V.S.G., Dr. (M) National Geophysical Research Institute Hyderabad - 500 007 Andhra Pradesh	19.26	3

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1609	Hydro geological characterization & ground water flow & transport modelling at Lambapur, Peddagattu uranium mining areas & Seripalli tailings pond area, Andhra Pradesh	DAE-BRNS	Elango, L., Dr. (M) Anna University Chennai - 600 025 Tamil Nadu	46.57	24
1610	Hydro-geological studies of the proposed uranium mining tailings dam site at Domiasiat	DAE-BRNS	Walia, D., Dr. (M) North-Eastern Hill University Centre for Environmental Studies Shillong - 793 022 Meghalaya	45.16	24
1611	Impact assessment of sewerage network on the groundwater system of Arkavathi & Vrishabhavati Basins of Bangalore, Karnataka using hydrogeology, hydrochemistry & environmental Isotope techniques	DAE-BRNS	Somashekar, R.K., Dr. (M) Professor Bangalore University Department of Environmental Science Bangalore - 560 056 Karnataka	19.22	7
1612	Measurement of radon-thoron & progeny concentrations & equilibrium factors in Mizoram	DAE-BRNS	Zoliana, B., Dr. (M) Government Ziri Residential Science College Aizawl - 796 001 Mizoram	48.42	24
1613	Structural mapping of the area around South of tailing pond site, Domiasiat	DAE-BRNS	Walia, D., Dr. (M) North-Eastern Hill University Centre for Environmental Studies Shillong - 793 022 Meghalaya	9.72	6
1614	Studies on health status & demographic pattern of population around Domiasiat area, West Khasi Hills, Meghalaya	DAE-BRNS	Kharbuli, B., Prof. (M) North-Eastern Hill University Shillong - 793 022 Meghalaya	54.50	36
1615	Trace elemental analysis for environmental & biomedical applications - development of LIBS - Laser induced breakdown spectroscopic technique	DAE-BRNS	George, S.D., Dr. (M) Manipal Academy of Higher Education Life Sciences Centre Manipal - 576 104 Karnataka	43.71	36
1616	3-D Simulation for cyclone prone vulnerable flood zones & development of submergence models for preparatory planning & mitigation measures during pre-cyclone, through cyclone & post-cyclone period	DST-AS	Prakasarao, B.S., Prof. (M) College of Engineering Department of Geo Engineering Visakhapatnam - 530 003 Andhra Pradesh	16.05	36
1617	3rd SERC school on atmospheric effects on GPS aided Geo-augmented (GAGAN)	DST-AS	Sarma, A.D., Dr. (M) Director Osmania University Hyderabad - 500 007 Andhra Pradesh	16.69	0.7
1618	3rd SERC school on aviation meteorology with focus on atmospheric obscuration & planetary boundary layer.	DST-AS	Balasubramanian, S., Dr. (M) Director Bharathiar University Centre for Life Sciences Coimbatore - 641 046 Tamil Nadu	15.96	0.7
1619	Atmospheric chemical modeling in relation to photochemical smog over Delhi	DST-AS	Mohan, M., Prof. (F) Indian Institute of Technology (D) Centre for Atmospheric Sciences New Delhi - 110 016 Delhi	26.18	36
1620	Brainstorming on Vision for Agrometeorology	DST-AS	Ramakrishna, Y.S., Dr. (M) Director Central Research Institute for Dryland Agriculture Hyderabad - 500 059 Andhra Pradesh	3.95	0.1

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1621	Chemical composition of precipitation & aerosols in & around Bhubaneswar & Visakhapatnam	DST-AS	Das, S.N., Dr. (M) Institute of Minerals & Materials Technology Department of Inorganic Chemical Bhubaneswar - 751 013 Orissa	17.82	36
1622	Determination of climate & climate variability of IITD Spectral Model with multi-member ensembles & impact of boundary conditions on Indian summer monsoon	DST-AS	Dash, S.K., Prof. (M) Indian Institute of Technology (D) Centre for Atmospheric Science New Delhi - 110 016 Delhi	55.91	36
1623	Examining Indian monsoon variability in coupled climate model simulations & projections	DST-AS	Kulkarni, A., Dr. (F) Indian Institute of Tropical Meteorology Pune - 411 008 Maharashtra	13.50	36
1624	Graph theory in the study of severe thunderstorms	DST-AS	Chaudhuri, S., Prof. (F) Calcutta University Department of Atmospheric Sciences Kolkata - 700 009 West Bengal	9.98	36
1625	Secular variations in the structure of ground based inversions & stable layers during winter (November to March) due to urbanization	DST-AS	Nagar, S.G., Dr. (F) Indian Institute of Tropical Meteorology Pune - 411 008 Maharashtra	22.07	36
1626	Setting up of ST Radar System at ARIOS, Nainital	DST-AS	Sagar, R., Prof. (M) Director Aryabhatta Research Institute of Observational Sciences Nainital - 263 129 Uttarakhand	1353.00	36
1627	Size & chemical composition distribution of particulate matter in different indoor microenvironments	DST-AS	Taneja, A., Dr. (M) Reader St. John's College Department of Chemistry Agra - 282 002 Uttar Pradesh	22.08	36
1628	Studies on Magnetospheric Ultra Low Frequency (ULF) Waves & Forecasting Space Weather	DST-AS	Singh, A.K., Dr. (M) Reader Lucknow University Department of Physics Lucknow - 226 007 Uttar Pradesh	9.30	36
1629	Study of specification of selected metals in ambient air at Hyderabad	DST-AS	Kulshrestha, U.G., Dr. (M) Indian Institute of Chemical Technology Analytical & Environmental Chemistry Div. Hyderabad - 500 007 Andhra Pradesh	17.44	36
1630	Study on climatic impacts on sugarcane growth & yield in Eastern U.P. region	DST-AS	Mall, R.K., Dr. (M) Banaras Hindu University Department of Geo-physics Varanasi - 221 005 Uttar Pradesh	9.51	36
1631	Study on the air pollution effects on crop growth	DST-AS	Shekh, A.M., Prof. (M) Anand Agricultural University B.A. College of Agriculture Anand - 388 110 Gujarat	41.49	36
1632	Workshop on Doppler Weather Radar	DST-AS	Pradhan, D., Dr. (M) Reader Indian Meteorological Department Kolkata - 700 001 West Bengal	1.17	0.33

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1633	(A) Geology & Geochemical of the Norcondum Island Volcano (B) Melt inclusion studies in Barren Island volcanic rocks	DST-DCS	Chandrasekharam, D., Prof. (M) Indian Institute of Technology (B) Mumbai - 400 076 Maharashtra	19.98	36
1634	3-Dimensional imaging of the lithosphere & active deformation across Sikkim-Darjeeling Himalaya & a comparison with NW-Himalaya	DST-DCS	Mitra, S., Dr. (M) Assistant Professor Indian Institute of Technology (Kh) Department of Geology & Geophysics Kharagpur - 721 302 West Bengal	55.50	36
1635	7th Meeting of the PAMC-DCS	DST-DCS	Reddy, T.V.K., Prof. (M) Head Sri Venkateswara University Department of Zoology Tirupati - 517 502 Andhra Pradesh	4.60	0.01
1636	An integrated study of the dyke swarms & Deccan Traps of Chhota Udepur province, Lower Narmada Valley	DST-DCS	Hari, K.R., Dr. (M) Assistant Professor Government V.Y.T. (P.G.) College Department of Zoology Durg - 491 001 Chhattisgarh	24.23	36
1637	Electromagnetic Induction in the Earth	DST-DCS	Harinarayana, T., Dr. (M) Head National Geophysical Research Institute Magnetotellurics Division Hyderabad - 500 007 Andhra Pradesh	3.70	0.17
1638	Geochemistry of Andaman-Nicobar Ophiolites, the Barren Island Volcanics & their tectonic significance	DST-DCS	Jafri, S.H., Dr. (M) National Geophysical Research Institute Hyderabad - 500 007 Andhra Pradesh	15.00	36
1639	Geodynamic evolution of the Main Central Thrust, Himalayas	DST-DCS	Mukhopadhyay, D.K., Dr. (M) Professor Indian Institute of Technology (R) Department of Earth Sciences Roorkee - 247 667 Uttarakhand	14.10	36
1640	Geodynamic evolution of the Main Central Thrust, Himalayas	DST-DCS	Dasgupta, S., Prof. (M) Jadavpur University Department of Zoology Kolkata - 700 032 West Bengal	11.64	36
1641	Geologic structure, tectonics & origin of the Gulf of Kachchh, North-West India	DST-DCS	Rao, D.G., Dr. (M) Emeritus Scientist Osmania University Department of Geology Hyderabad - 500 007 Andhra Pradesh	11.62	36
1642	Geological, geochemical & isotopic studies in the Sandur & Kadirri greenstone belts: Mantle processes beneath the Dharwar Craton	DST-DCS	Manikyamba, C., Dr. (F) National Geophysical Research Institute Geochemistry Division Hyderabad - 500 007 Andhra Pradesh	13.38	36
1643	Geological, geochemical studies of the Proterozoic Cuddapah basin dykes & their tectonic implications	DST-DCS	Hanumanthu, R.C., Prof. (M) Sri Venkateswara University Department of Zoology Tirupati - 517 502 Andhra Pradesh	12.24	36
1644	Imprint of Himalayan orogeny & neotectonism in sediment, drainage & landform in Sevak - Rongpo transect	DST-DCS	Bose, P.K., Prof. (M) Jadavpur University Department of Geological Science Kolkata - 700 032 West Bengal	9.72	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1645	Karimnagar Granulite Terrain: Its Metamorphic Evolution	DST-DCS	Prakash, D., Dr. (M) Lecturer Banaras Hindu University Department of Geology Varanasi - 221 005 Uttar Pradesh	21.57	36
1646	Kinematics, Microstructural Fabric Orientation & Geometry of Shear Zones developed in Intracratonic Domains of Bundelkhand Craton, Central India	DST-DCS	Bhatt, S.C., Dr. (M) Bundelkhand University Department of Zoology Jhansi - 284 128 Uttar Pradesh	14.46	36
1647	Lithospheric structure of the Sikkim Himalaya by Long - Period MT Investigations	DST-DCS	Manglik, A., Dr. (M) Scientist EII National Geophysical Research Institute Hyderabad - 500 007 Andhra Pradesh	60.60	36
1648	Mafic Dyke Swarms of the Dharwar Craton	DST-DCS	Jayananda, M., Dr. (M) Reader Bangalore University Department of Geology Bengalooru - 560 056 Karnataka	3.20	0.17
1649	Mineralogical, petrochemical & isotopic studies on the radial mafic dykes associated with plutonic complexes & continental flood basalts of Saurashtra & Kutch in Western Deccan Volcanic Province	DST-DCS	Rao, D.V.S., Dr. (M) National Geophysical Research Institute Hyderabad - 500 007 Andhra Pradesh	15.48	36
1650	Mineralogy & geochemistry of mafic dyke rocks along Nainital - Bhatronjkan - Pithoragarh Geotranssect in Kumaun Lesser Himalaya	DST-DCS	Kumar, S., Dr. (M) Professor Kumaun University Department of Zoology Nainital - 263 002 Uttarakhand	11.52	36
1651	Modelling of Magmatic & Allied Processes	DST-DCS	Kumar, S., Prof. (M) Kumaun University Department of Zoology Nainital - 263 002 Uttarakhand	2.33	0.17
1652	Orogenic culmination & evolution of the Teesta Dome in Sikkim Darjeeling Himalaya	DST-DCS	Ray, S.K., Dr. (M) Retd. Dy. Dir. Gen. (GSI) Presidency College Department of Zoology Kolkata - 700 073 West Bengal	18.78	36
1653	Paleomagnetic, compositional & tectonomagmatic setting of basaltic lava sequence from Mandla lobe of the Eastern Deccan volcanic province & their induced remagnetization effects in the Vindhyan & Kutch Basins	DST-DCS	Shrivastava, J.P., Prof. (M) Delhi University Department of Zoology Delhi - 110 007 Delhi	10.95	36
1654	Petrochemistry & petrogenesis of mafic dykes from the Eastern part of Deccan Volcanic Province between Narmada - Son & Tapi lineaments	DST-DCS	Shrivastava, J.P., Prof. (M) Delhi University Department of Zoology Delhi - 110 007 Delhi	9.24	36
1655	Petrology & geochemistry of synplutonic mafic dykes from the late Archaean granite plutons in the Dharwar craton: Implications for magma chamber processes, evolving lithospheric mantle & cratonization of Archaean crust	DST-DCS	Jayananda, M., Dr. (M) Reader Bangalore University Department of Zoology Bengalooru - 560 056 Karnataka	36.79	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1656	Petrology of the lamprophyres & related rocks of Bakhatgarh - Phulmal, Panwad - Kawant & surrounding areas & geochemical investigation of these rocks for their Au-Cu, REE & PGE mineralization	DST-DCS	Randive, K.R., Dr. (M) Lecturer R.T.M. Nagpur University P.G. Department of Zoology Nagpur - 440 001 Maharashtra	18.13	36
1657	Petrology, geochemistry & geochronology of distinct dyke rocks of Damodar Valley, East Gondwana Basin, Eastern India	DST-DCS	Srivastava, R.K., Prof. (M) Banaras Hindu University Department of Geology Varanasi - 221 005 Uttar Pradesh	19.92	36
1658	P-T path & geodynamic evolution of amphibolite to granulite facies rocks of the Meghalaya Plateau, Meghalaya	DST-DCS	Dwivedi, S.B., Dr. (M) Reader Mizoram University Department of Zoology Aizawl - 796 009 Mizoram	27.34	36
1659	Reassessment of the origin & crustal configuration of the 85 degree E Ridge in the Bay of Bengal	DST-DCS	Rao, P.R., Prof. (M) Andhra University Centre for Studies on Bay of Bengal Visakhapatnam - 530 003 Andhra Pradesh	17.71	24
1660	Setting up a Common Remote Reference Facility for Magnetotelluric Studies in country	DST-DCS	Bhattacharya, B.B., Prof. (M) INAE Distinguished Satyendra Nath Bose National Centre for Basic Sciences Kolkata - 700 098 West Bengal	4.60	0.17
1661	Stratigraphic analysis of the Chattisgarh succession: Implications on Meso-to Early Neoproterozoic lithospheric dynamic	DST-DCS	Deb, S.P., Dr. (F) Indian Statistical Institute Kolkata - 700 108 West Bengal	23.83	36
1662	The exhumation factor in the genesis of inverted metamorphic sequences - an evaluation from structure, metamorphism, fluid inclusions & earthquakes in the Sikkim Himalaya	DST-DCS	Gupta, S., Dr. (M) Associate Professor Indian Institute of Technology (Kh) Department of Zoology & Geophysics Kharagpur - 721 302 West Bengal	14.22	36
1663	Volcanological, chronological, geochemical & petrogenetic evolution of the Barren Island Volcano, India	DST-DCS	Ray, J.S., Dr. (M) Physical Research Laboratory Ahmedabad - 380 009 Gujarat	42.00	36
1664	Analysis of Temporal variation of climate vis-à-vis Glacial Fluctuations in the North-West Himalaya based on multi proxy records	DST-HG	Bhattacharya, A., Dr. (M) Birbal Sahni Institute of Palaeobotany Lucknow - 226 007 Uttar Pradesh	25.55	36
1665	Glacier Sonapani & Gaglee Glaciers in Chand-ra Valley, Lahul & Spiti District, H.P.	DST-HG	Scott, A.C., Dr. (F) Isabella Thoburn College Department of Geography, P.G. College Lucknow - 220 007 Uttar Pradesh	30.20	36
1666	Preliminary Glaciological Geomorphological & hydrological study of Zemu Glacier, Sikkim	DST-HG	Gupta, P.K., Dr. (M) Assistant Director Central Mining Research Institute Dhanbad - 826 001 Jharkhand	24.25	36
1667	Spatio-temporal monitoring of a glacier using integrated approach from satellite remote sensing & insitu measurement technique	DST-HG	Sharma, L.N., Dr. (M) Punjab Engineering College Department of Applied Sciences Chandigarh - 160 012 Chandigarh	82.01	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1668	Study of Atmospheric & Avalanche parameter affecting Gangotri Glacier	DST-HG	Ganju, A., Dr. (M) Snow & Avalanche Study Establishment Chandigarh - 160 036 Chandigarh	58.65	36
1669	Community based coastal zone management: Towards pro-active risk communication strategy for effective Tsunami mitigation in the coastal areas of India	DST-ID	Krishnamoorthy, R., Dr. (M) Madras University School of Earth & Atmospheric Sciences Chennai - 600 025 Tamil Nadu	5.72	24
1670	Ecological assessment & remediation perspectives in Bulgarian regions with heavy metal pollution with respect to application in similar regions in India example of KCM - plovdiv	DST-ID	Singh, V.S., Dr. (M) Scientist F National Geophysical Research Institute Hyderabad - 500 007 Andhra Pradesh	7.74	36
1671	Study of Lithospheric heterogeneity based on the envelope analysis of short period seismograms	DST-ID	Tripathi, J.N., Dr. (M) Allahabad University Allahabad - 211 002 Uttar Pradesh	2.25	24
1672	Building up a core group of researcher & facilities at the Apaji Institute of Mathematics & Applied Computer Technology in the form of Centre for Mathematical Sciences	DST-IRHPA	Shastri, A., Prof. (M) Banasthali Vidhyapeeth Banasthali - 304 022 Rajasthan	145.48	60
1673	Core/subsurface sample archival & analysis facility at the Department of Geological Sciences, Gauhati University, Guwahati	DST-IRHPA	Phukon, P., Dr. (M) Gauhati University Department of Geological Sciences Guwahati - 781 014 Assam	35.85	60
1674	Establishment of Electro Probe Micro Analyzer (EPMA) - National Facility IIT, Kharagpur	DST-IRHPA	Bhattacharya, A., Prof. (M) Indian Institute of Technology (Kh) Department of Geology & Geophysics Kharagpur - 721 302 West Bengal	568.57	60
1675	Establishment of Electro Probe Micro Analyzer (EPMA) - Satellite projects at IIT, Kharagpur	DST-IRHPA	Misra, B., Prof. (M) Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	4.80	60
1676	Establishment of Electro Probe Micro Analyzer (EPMA) - Satellite projects at IIT, Kharagpur	DST-IRHPA	Bhowmik, S.K., Prof. (M) Indian Institute of Technology (Kh) Department of Geology & Geophysics Kharagpur - 721 302 West Bengal	14.03	60
1677	Establishment of Electro Probe Micro Analyzer (EPMA) - Satellite projects at Jadavpur University, Kolkata	DST-IRHPA	Dasgupta, S., Prof. (M) Jadavpur University Department of Geological Sciences Kolkata - 700 032 West Bengal	4.80	60
1678	Establishment of Electro Probe Micro Analyzer (EPMA) - Satellite projects at Mysore University, Mysore	DST-IRHPA	Srikantappa, C., Prof. (M) Mysore University Department of Studies on Geology Mysore - 570 006 Karnataka	12.72	60
1679	Evolving Core Group Research Facilities at BHU	DST-IRHPA	Singh, U., Prof. (M) Banaras Hindu University Department of Statistics Varanasi - 221 005 Uttar Pradesh	625.20	60

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1680	Optically Stimulated Luminescence (OSL) dating of shallow subsurface & deep core sediments of Cauvery Delta	DST-IRHPA	Thomas,P.J., Dr. (M) National Geophysical Research Institute Hyderabad - 500 007 Andhra Pradesh	19.33	60
1681	Survey, isolation & preliminary characterization of microbial (Bacteria) populations of Southern Brahmaputra corridor of Assam	DST-IRHPA	Unni,B.G., Dr. (M) Regional Research Laboratory Biotechnology Division Jorhat - 785 006 Assam	7.07	60
1682	A spatial study of fluoride contamination in drinking water from ground water sources to explore the factors responsible & to facilitate preventive management of the fluorosis problem in Bolagad block of Khurda District in Orissa	DST-NRDMS	Rath,K.C., Dr. (M) Utkal University Bhubaneswar - 751 004 Orissa	15.15	24
1683	Agro-Climatic Zone based mapping renewable energy resources in Assam	DST-NRDMS	Baruah,D.C., Dr. (M) Tezpur University Tezpur - 784 028 Assam	17.88	36
1684	An integrated approach to watershed management using Remote Sensing & GIS	DST-NRDMS	Nedunchezian,C., Mr. (M) Thiruvalluvar College of Engineering & Technology Tiruvannamalai - 606 601 Tamil Nadu	13.38	24
1685	Application of Geo-informatics in conjunction with indigenous knowledge of integrated sustainable Natural Resources Management in Lapariya Micro-Watershed, Rajasthan	DST-NRDMS	Chakraborty,D., Dr. (M) Indian Agricultural Research Institute New Delhi - 110 012 Delhi	23.29	24
1686	Assessment of groundwater potential & development of sustainable scheme on Minicoy & Kalpeni Islands, UT of Lakshadweep	DST-NRDMS	Singh,V.S., Dr. (M) National Geophysical Research Institute Hyderabad - 500 007 Andhra Pradesh	8.30	36
1687	Cartographic Generalization of Map Objects	DST-NRDMS	Raheja,J.L., Dr. (M) Central Electronics Engineering Research Institute Pilani - 333 031 Rajasthan	10.00	24
1688	Creation of geo-spatial database from medicinal herbs - A pilot project for Senapaty District, Manipur	DST-NRDMS	Imotomba,R.K., Dr. (M) Sylvan Krishi Vigyan Kendra Imphal - 795 001 Manipur	63.46	24
1689	Development & application of methodology of grass root level capacity building in natural resource data management through school level Earth Care Centre in West Bengal	DST-NRDMS	Guha,B., Dr. (M) Science Communicator's Forum Kolkata - 700 092 West Bengal	26.06	36
1690	Development of a comprehensive GIS database on Infrastructure & Land Management to facilitate Planning & Management of Resources /Services of Guwahati City, Assam	DST-NRDMS	Sarma,B., Dr. (M) Jorhat Engineering College Jorhat - 785 007 Assam	27.58	24
1691	Development of a PC based Geo-referencing Software	DST-NRDMS	Dutta,A., Mr. (M) Birla Institute of Technology Ranchi - 835 215 Jharkhand	8.11	24

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1692	Development of Forest Fire Forecasting System for Jharkhand State using statistical models & Geographical Information System	DST-NRDMS	Trivedi, M., Dr. (M) Birla Institute of Technology Ranchi - 835 215 Jharkhand	22.88	24
1693	Development of hydroinformation system for Ramganga watershed in Uttarakhand State	DST-NRDMS	Garg, P.K., Prof. (M) Indian Institute of Technology (R) Department of Civil Engineering Roorkee - 247 667 Uttarakhand	28.07	36
1694	Development of Remote Sensing & GIS based landslide hazard & risk zonation approach using advanced pattern recognition techniques in Garhwal Himalayas	DST-NRDMS	Arora, M.K., Dr. (M) Indian Institute of Technology (R) Roorkee - 247 667 Uttarakhand	7.00	24
1695	Empowering youth through Go-informatics & participation for Local Area Development - as a joint venture with Nehru Yuva Kendra Sangathan for Central region i.e. Bhopal	DST-NRDMS	Pathak, S.K., Dr. (M) Water & Land Management Institute Bhopal - 462 003 Madhya Pradesh	5.70	15
1696	Establishing a Centre of Excellence in Geo-Information Science & Technology	DST-NRDMS	Prasannakumar, V., Dr. (M) Kerala University Thiruvananthapuram - 695 034 Kerala	145.73	36
1697	Establishing Scientific Foundation of Sustainable Forest Management including Timber & Non-timber Forest Produce	DST-NRDMS	Singh, K.D., Dr. (M) Ashoka Trust for Research in Ecology & the Environment New Delhi - 110 074 Delhi	22.39	36
1698	Faunal diversity in Dubka & Khulgad watershed for Bio Geo Database development & ecological modeling for Uttaranchal transect	DST-NRDMS	Khan, J.A., Dr. (M) Aligarh Muslim University Aligarh - 202 002 Uttar Pradesh	13.33	15
1699	Geographical & Geochemical studies of the rocks at landslide prone localities around Aizawl, Mizoram	DST-NRDMS	Kumar, S., Dr. (M) Mizoram University Aizawl - 796 012 Mizoram	10.30	24
1700	Geological & Geotechnical investigation of Natwar bazar landslide near Rudraprayag area, Uttaranchal	DST-NRDMS	Singh, T.N., Dr. (M) Indian Institute of Technology (B) Mumbai - 400 076 Maharashtra	24.09	36
1701	GIS - based Integrated Decision Support System for Oilseed (Mustard) Sector	DST-NRDMS	Choube, H.S., Dr. (M) Mustard Research & Promotion Consortium New Delhi - 110 058 Delhi	36.32	36
1702	Gully erosion management in foothills of lower Shivaliks - Phase II	DST-NRDMS	Kukal, S.S., Dr. (M) Punjab Agricultural University Ludhiana - 141 004 Punjab	6.00	18
1703	Hyperspectral Remote Sensing of natural & man made features based on UV-Vis-NIR Spectral Measurements	DST-NRDMS	Raychaudhuri, B., Dr. (M) Presidency College Kolkata - 700 073 West Bengal	24.32	36
1704	Landscape assessment of the Kalivelli basin	DST-NRDMS	Bhalla, R.S., Mr. (M) Foundation for Ecological Research, Advocacy & Learning Puducherry - 605 006 Puducherry	19.96	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1705	Landslide hazard zonation between Nungba along NH-53 & Geotechnical investigation for two slides	DST-NRDMS	Singh, L.D., Dr. (M) Manipur Science & Technology Council Imphal - 795 001 Manipur	12.74	24
1706	Landslide hazard zonation mapping & risk assessment of the area between Kohima & Zhadima, Nagaland	DST-NRDMS	Thong, G.T., Dr. (M) Nagaland University Kohima - 797 001 Nagaland	12.64	24
1707	Landslide Inventory of Arunachal Pradesh under GIS Environment	DST-NRDMS	Singh, T., Dr. (M) Wadia Institute of Himalayan Geology Itanagar - 791 111 Arunachal Pradesh	15.67	24
1708	Landslide studies Along Tengnoupal - Sita Road Section, Manipur	DST-NRDMS	Singh, K.M., Dr. (M) Imphal College Imphal - 795 001 Manipur	4.00	24
1709	Landslide studies with Geophysical & Geotechnical Investigation of selected two Landslides in Mizoram along with road section for evolving suitable preventive measures in Mizoram	DST-NRDMS	Lallenmawia, H., Dr. (M) Directorate of Industries Geology & Mining Wing Aizawl - 796 001 Mizoram	18.00	24
1710	Local Rural resources management of complete domestic energy solution in two District each in Haryana & Rajasthan States based on GIS	DST-NRDMS	Singh, A.K., Dr. (M) Energy Research Application New Delhi - 110 014 Delhi	8.00	18
1711	Management of Soil & Land Resources for Eco-restoration of Barak watershed, India using Remote Sensing & GIS Technologies	DST-NRDMS	Chakrabarty, D., Dr. (M) National Institute of Technology (Silchar) Silchar - 788 010 Assam	24.87	36
1712	Preparation of Status Report on Studies on the efficacy of vented dams as water harvesting structures across the river Netravathi of Dakshina Kannada District, Karnataka	DST-NRDMS	Mahesha, A., Dr. (M) National Institute of Technology (Karnataka) Surathkal - 574 157 Karnataka	0.40	4
1713	Rapid Epidemiological Mapping of endemic zones of Malaria in Arunachal Pradesh through GIS	DST-NRDMS	Murty, U.S.N., Dr. (M) Indian Institute of Chemical Technology Hyderabad - 500 007 Andhra Pradesh	24.97	36
1714	Setting up of National Geotechnical facility at Survey of India, Dehradun	DST-NRDMS	Director, The (M) Survey of India Dehradun - 248 001 Uttarakhand	1149.33	60
1715	Spatial & temporal analysis of agro-forestry interventions in North-Western India using GIS & Remote Sensing	DST-NRDMS	Rizvi, R.H., Dr. (M) National Research Centre for Agroforestry Jhansi - 284 003 Uttar Pradesh	18.29	36
1716	Spatio-temporal bio-physical & socio-economic linkage with simulation models for land use planning & agri-production estimates in Western UP	DST-NRDMS	Kalra, N.K., Dr. (M) Indian Agricultural Research Institute New Delhi - 110 012 Delhi	23.36	24
1717	Studies on water quality assessment of Brahma & Sannihit Sarovars & pollution remediation using aquatic plant based technology	DST-NRDMS	Patidar, S.K., Dr. (M) National Institute of Technology (Kurukshetra) Kurukshetra - 132 118 Haryana	23.81	24

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1718	Early Mesozoic mammals from Gondwana sediments of Andhra Pradesh & their evolutionary significance	DST-PAC - ES	Yadagiri,P., Dr. (M) B.M. Birla Science Centre Hyderabad - 500 063 Andhra Pradesh	11.40	36
1719	Evaluation of land & water management systems of Kolheru Lake & its adverse affects on fragile coastal geo-environment using spatial information techniques	DST-PAC - ES	Raju,P.A.R., Dr. (M) S.R.K.R. Engineering College Bhimavaram - 534 204 Andhra Pradesh	9.52	36
1720	Geothermics of climate change: Looking for 19th Century baseline temperature scenario in India	DST-PAC - ES	Dimri,V.P., Dr. (M) National Geophysical Research Institute Hyderabad - 500 007 Andhra Pradesh	34.25	36
1721	High Precision CO2 concentration measurements at Pondicherry & its inversion to improve quantitative estimates of global sources & sinks of carbon	DST-PAC - ES	Indira,N.K., Dr. (F) Centre for Mathematical Modelling & Computer Simulation Bengalooru - 560 037 Karnataka	16.35	36
1722	Mesozoic Gondwana Vertebratesw from Madhya Pradesh, India: An integrated study on paleobiology	DST-PAC - ES	Roy,S., Dr. (F) Indian Institute of Technology (Kh) Department of Geology & Geophysics Kharagpur - 721 302 West Bengal	22.42	36
1723	Mn-Metallogeny in Gangpur Group, India & its Stratigraphic Significance	DST-PAC - ES	Mohapatra,B.K., Dr. (M) Regional Research Laboratory Department of Mineralogy Bhubaneswar - 751 013 Orissa	11.01	36
1724	Neotectonic activity along the coast of Northern Tamil Nadu	DST-PAC - ES	Anabarasu,K., Dr. (M) National College Department of Geology Tiruchirappalli - 620 001 Tamil Nadu	9.60	36
1725	Palaeoproterozoic flysch successions in the Pranhita-Godavari Valley & the Central Indian Tectonic Zone: Implications on crustal evolution of the Indian craton	DST-PAC - ES	Chaudhuri,A.K., Prof. (M) Indian Statistical Institute Geological Studies Unit Kolkata - 700 108 West Bengal	15.60	36
1726	Petrogenesis of Alkaline - Carbonatite complex of rocks of Purulia Region in Eastern India in relation to Tectonic setting & its bearing on rare earths & rare metal metallogery	DST-PAC - ES	Basu,S.K., Dr. (M) Director (Retd) Geological Society of India Flat No 4, 31M, H - Block, Group II, Baishnabghata - Patuli Kolkata - 700 094 West Bengal	9.87	36
1727	Quaternary Stratigraphy & tectonogeomorphic evolution of Terha - Manjra River Basin, Eastern Maharashtra	DST-PAC - ES	Babar,S.M., Dr. (M) College of Arts, Commerce & Science Department of Geology Parbhani - 431 401 Maharashtra	8.40	36
1728	Straigraphy & sedimentological appraisal for the siliciclastic successions of Singhora, Khariar & Ampani Basins, Cental India: Interbasinal correlation & basin evolution in regional tectonic backdrop	DST-PAC - ES	Chakraborty,P.P., Dr. (M) Indian School of Mines Department of Applied Geology Dhanbad - 826 004 Jharkhand	18.19	36
1729	Active tectonics & drainage development in the Nahan Salient NW Sub-Himalaya	DST-SERC-FT	Singh,T., Dr. (M) Indian Institute of Technology (R) Department of Earth Scienes Roorkee - 247 667 Uttarakhand	12.00	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1730	Arsenic & Fluoride distribution & Migration in ground water of Imphal, Thoubal & Bishnupur districts in Manipur - An Approach for ground water resource management	DST-SERC-FT	Devi, O.J., Dr. (F) Jawaharlal Nehru University School of Environmental Sciences New Delhi - 110 067 Delhi	13.44	36
1731	Assessment of pollution & vulnerability aquifers in Mettur Taluk, Salem District, Tamil Nadu using Geophysical, Hydrogeochemical & Isotopic Techniques	DST-SERC-FT	Srinivasmoorthy, K., Dr. (M) Annamalai University Department of Earth Sciences Chidambaram - 608 002 Tamil Nadu	9.48	36
1732	Coastal & Nearshore Sedimentary process along Kakinada - Uppada Coast, East Coast of India	DST-SERC-FT	Prasad, T.L., Dr. (M) Andhra Loyola College Department of Geology Visakhapatnam - 530 003 Andhra Pradesh	14.34	36
1733	Ground Water Resources Development & Management in a Backward district of Srikakulam of Andhra Pradesh	DST-SERC-FT	Devdas, D.J., Dr. (M) Andhra University Department of Geology Visakhapatnam - 530 003 Andhra Pradesh	15.60	36
1734	Magnetic Anisotropy & Palaeomagnetic Studies in Relation of the Tectonic Evolution of the Anorthosite Complexes of Eastern Ghats Belt of India	DST-SERC-FT	Mondal, S., Dr. (M) Jadavpur University Geophysics Laboratory Kolkata - 700 032 West Bengal	9.48	36
1735	Studies on phytoplankton responses to monsoon driven environmental changes in a tropical environment	DST-SERC-FT	Patil, J.S., Dr. (M) National Institute of Oceanography Marine Corrosion & Materials Res. Div. Dona Paula - 403 004 Goa	10.14	36
1736	Study of non-methane hydrocarbons in the atmospheric environment of Delhi Region	DST-SERC-FT	Chauhan, S.K., Dr. (F) Central Road Research Institute New Delhi - 110 020 Delhi	8.40	36
1737	Application of Remote Sensing & GIS in Earth Sciences	DST-SERC-SC	Director, The Geological Survey of India Hyderabad - 500 068 Andhra Pradesh	3.00	36
1738	Body size & macroevolution of the Jurassic (Bothonian - Oxfordian) Fauna of Kutch, Gujarat with special emphasis on cephalopods	DST-SERC-SC	Bardan, S., Dr. (M) Jadavpur University Department of Geological Sciences Kolkata - 700 032 West Bengal	10.02	36
1739	Early Paleogene Vertebrates of India: Evolutionary & Biogeographic Response to India - Asia Collision	DST-SERC-SC	Bajpai, S., Prof. (M) Indian Institute of Technology (R) Department of Earth Sciences Roorkee - 247 667 Uttarakhand	34.80	36
1740	EPR Spectroscopic Studies of Quartz - Significance in understanding the Process & environment of Mineral Formation	DST-SERC-SC	Pandian, M.S., Dr. (M) Pondicherry University Department of Earth Sciences Puducherry - 605 014 Puducherry	25.37	36
1741	Evolution of Tamiraparani Delta, Tamil Nadu	DST-SERC-SC	Baskaran, R., Prof. (M) Tamil University Dept. of Industries & Earth Sciences Thanjavur - 613 005 Tamil Nadu	1.80	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1742	High Precision CO ₂ concentration measurements at Pondicherry & its inversion to improve quantitative estimates of global sources & sinks of carbon	DST-SERC-SC	Reddy,M.V., Prof. (M) Pondicherry University Department of Environmental Sciences Puducherry - 605 014 Puducherry	8.50	36
1743	High Resolution records of Post climatic changes in Uttaranchal Himalaya using speleothems	DST-SERC-SC	Kotlia,B.S., Dr. (M) Kumaun University Department of Geology Nainital - 263 002 Uttarakhand	2.20	36
1744	Identification of Recharge Zones through Hydrogeological approach in Varaha River Basin, Andhra Pradesh	DST-SERC-SC	Rao,N.S., Dr. (M) Andhra University Department of Geology Visakhapatnam - 530 003 Andhra Pradesh	2.58	36
1745	Mesozoic Gondwana Vertebrate from Madhya Pradesh, India: An integrated study on Paleobiology	DST-SERC-SC	Bandopadhyay,S., Dr. (F) Indian Statistical Institute Geological Studies Unit Kolkata - 700 108 West Bengal	1.20	36
1746	Modelling for Changes CBM Reservoir Permeability Due to Stress	DST-SERC-SC	Chatterjee,R., Dr. (F) Indian School of Mines Department of Applied Geophysics Dhanbad - 826 004 Jharkhand	3.00	36
1747	Nature of Proterozoic Magmatism: A case study of the Dunit, Pyroxenite - Syenite Carbonatite Complex of Pakkanadu, Salem District, Tamil Nadu	DST-SERC-SC	Srinivas,M., Dr. (M) Osmania University P.G. College of Science Hyderabad - 500 004 Andhra Pradesh	15.32	36
1748	Pliocene Mammalian Fauna from Piram Islands, Gujarat, their biostratigraphic, biogeographic & paleoenvironmental significance	DST-SERC-SC	Registrar,The, Madras Christian College Department of Geology Chennai - 600 001 Tamil Nadu	3.36	36
1749	Preparation of Multimedia field guide on sedimentary facies & Basin analysis with specific reference to Kutch	DST-SERC-SC	Mahender,K., Dr. (M) Goa University Department of Geology Taleigo Plateau - 403 206 Goa	7.47	36
1750	Quaternary fossil & living marine algae of the Okha - Dwarka area, Gujarat - A study in evolutionary relationship & sedimentary environment	DST-SERC-SC	Pruseth,K.L., Dr. (M) Indian Institute of Technology (R) Institute Instrumentation Centre Roorkee - 247 667 Uttarakhand	36.05	36
1751	Quaternary fossil & living marine algae of the Okha - Dwarka area, Gujarat - A study in evolutionary relationship & sedimentary environment*	DST-SERC-SC	Misra,P.K., Dr. (M) Lucknow University Department of Botany Lucknow - 226 007 Uttar Pradesh	18.00	36
1752	Sequence biostratigraphy of Lower Tertiary (Palaeocene) sediments of the Cavery Basin, Tamil Nadu	DST-SERC-SC	Registrar,The, Bangalore University Department of Earth Sciences Bengalooru - 560 056 Karnataka	13.02	36
1753	Sequence Stratigraphy of the Palaeogene Succession of Kutch	DST-SERC-SC	Banerjee,S., Dr. (M) Indian Institute of Technology (B) Department of Earth Sciences Mumbai - 400 076 Maharashtra	27.49	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1754	Strain analysis of Moyar Bhavani Salem Attur shear Zone around Salem, Tamil Nadu, India	DST-SERC-SC	Biswal, T.K., Prof. (M) Indian Institute of Technology (B) Department of Earth Sciences Mumbai - 400 076 Maharashtra	16.48	36
1755	Studies on magnetospheric Ultra Low Frequency (ULF) waves & forecasting space weather	DST-SERC-SC	Singh, A.K., Dr. (M) Lucknow University Department of Physics Lucknow - 226 007 Uttar Pradesh	9.30	36
1756	Study of the Sedimentological & erosional problems of Bakkhali - Frasergunj, Sagar & Dighashankarpur sectors of West Bengal in relation to Coastal Zone Management Programme	DST-SERC-SC	Mallik, T.K., Mr. (M) Geological Survey of India Kolkata - 700 016 West Bengal	7.20	36
1757	Discriminating natural & anthropogenic aerosol contributions in radiative forcing over Afro-Asian region	DST-SERC-WOS	Singh, D., Ms. (F) Centre for Atmospheric & Oceanic Sciences & Mechanical Engineering Bengaluru - 560 012 Karnataka	11.88	36
1758	Basement & sub basement seismic images of the Indian crust	DST-USERS	Reddy, P.R., Dr. (M) National Geophysical Research Institute Hyderabad - 500 007 Andhra Pradesh	3.59	24
1759	Earthquake induced landslides - A major geohazard in Himalaya	DST-USERS	Gupta, S.K., Dr. (M) Lucknow University Department of Geology Lucknow - 226 007 Uttar Pradesh	3.59	24
1760	Environmental Geology	DST-USERS	Subramanian, V., Prof. (M) Jawaharlal Nehru University School of Environment Sciences New Delhi - 110 067 Delhi	3.59	24
1761	Geology of Platinum - Nickel - Chromium Mineralisation: Resource evaluation & future potential	DST-USERS	Halder, S.K., Dr. (M) Presidency College Department of Geology Kolkata - 700 073 West Bengal	3.59	24
1762	GIS based modeling of coastal aquifer in Pondicherry region towards solving sea water intrusion	MOEF-ERP	Ravikumar, G., Dr. (M) College of Engineering Centre for Water Resources Chennai - 600 025 Tamil Nadu	10.08	36
1763	Development of a comprehensive information system with GIS, GPS & Remote Sensing interface for environment impact assessment of the proposed river link canal projects of Peninsular India	MOEF-NNRMS	Prakasarao, B.S., Dr. (M) Managing Director College of Engineering Department of Geo Engineering Visakhapatnam - 530 003 Andhra Pradesh	26.85	36
1764	Effects of pollutants on Biodiversity & reproductive dynamics of ecologically sensitive organisms in the estuarine coastal waters of Chennai, Tamil Nadu	MOEF-WL	Munuswamy, N., Dr. (M) Professor Madras University Department of Zoology Chennai - 600 025 Tamil Nadu	32.49	36
1765	Analysis of the protected Area - Local communities ecotourism interrelationships in Dryland Wildlife Sanctuaries of Maharashtra	UGC-MJRP	Gavali, R.S., Dr. (M) Pune University Dept. of Environmental Science Pune - 411 007 Maharashtra	6.38	36

BROAD SUBJECT AREA : EARTH SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1766	Present Environmental & Biodiversity status of the down stream of Subansiri river basin, Riparian zone & forest: A pre-impact assessment of the 2000 MW lower Subansiri dam	UGC-MJRP	Baruah,D., Dr. (M) Lakhimpur Girl's College Dept. of Environmental Science Lakhimpur - 727 031 Assam	10.07	36
1767	Combined Palaeomagnetic & Magnetic Anisotropy study of deep crustal rocks from Kondapalle, Eastern Ghats India	UGC-MNRP	Mondal,S., Dr. (F) Jadavpur University Department of Geology Kolkata - 700 032 West Bengal	0.94	24
Total Cost of 172 Projects Under: <i>Earth Sciences</i>				6,886.18	

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1768	A cost-effective & efficient matchem model to support immediate roof having developed quick-setting cement based capsules to reduce roof fall accident in coal mines	AICTE-RP	Roy, G.C., Mr. (M) Bengal Engineering & Science University Department of Mining Engineering, P O Botanic Garden, Shibpur Howrah - 711 103 West Bengal	6.00	24
1769	A Field Programmable Gate Array (FPGA) controlled based real time implementation of a commutatorless motor drive with selectable hard or soft characteristics	AICTE-RP	Mukherjee, K., Mr. (M) Bengal Engineering & Science University Department of Electrical Engineering Howrah - 711 103 West Bengal	4.20	24
1770	A framework for secure communication of multimedia (video) data over mobile adhoc networks	AICTE-RP	Sarma, H.K.D., Mr. (M) Sikkim Manipal Institute of Medical Science Department of Information Technology Rangpo - 737 136 Sikkim	5.00	24
1771	A multi objective decision support for electronic waste management	AICTE-RP	Srivastava, A.K., Mr. (M) Bundelkhand Institute of Engineering & Technology Department of Civil Engineering Jhansi - 284 128 Uttar Pradesh	3.75	24
1772	A new approach to solve potential problems of an agent based manufacturing system using genetic algorithm	AICTE-RP	Bhattacharya, R., Mr. (M) Jadavpur University Department of E.S.E. Kolkata - 700 032 West Bengal	9.20	24
1773	A study of communication during crises in consumer product/services companies in India	AICTE-RP	Bajaj, G., Ms. (F) Management Development Institute Department of Management Gurgaon - 122 001 Haryana	5.75	24
1774	A study of identify the entrepreneurial skills in educated unemployed men & women in the slums of Chennai & to provide training & guide for establishing regular income earning propositions	AICTE-RP	Natarajan, S., Ms. (F) Velammal College of Management & Computer Studies Chennai - 600 066 Tamil Nadu	6.53	24
1775	A study on potential industrial clusters in Tamil Nadu & suggest a recommendary framework with specific focus to Tiruchengode & Sivakasi	AICTE-RP	Nandagopal, R., Mr. (M) P.S.G. College of Technology Coimbatore - 641 004 Tamil Nadu	6.00	24
1776	Adsorptive removal of toxic gases & vapors by activated carbons	AICTE-RP	Goyal, M., Ms. (F) Panjab University Department of Chemical Engineering Chandigarh - 160 014 Chandigarh	15.00	24
1777	Agent - based planning & control of a multi - robot assembly system	AICTE-RP	Mishra, D., Mr. (M) University College of Engineering Department of M.M.E. Sambalpur - 768 018 Orissa	11.00	24
1778	Agent based reconfigurable routing for MPLS network	AICTE-RP	Devane, S.R., Mr. (M) Ramrao Adik Institute of Technology Dept. of Computer Science & Engg. Navi Mumbai - 400 706 Maharashtra	11.50	24
1779	AI Techniques for electrical drives	AICTE-RP	Himavathi, S., Ms. (F) Pondicherry Engineering College Department of E.E.E. Puducherry - 605 014 Puducherry	8.00	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1780	Alternative strategies for accessibility of urban public spaces for physically challenged	AICTE-RP	Pervar,P., Ms. (F) School of Planning & Architecture Hyderabad - 500 028 Andhra Pradesh	9.50	24
1781	An advanced controller for PM Synchronous machine	AICTE-RP	Parvathy,A.K., Ms. (F) Hindustan College of Engineering Department of E.E.E. Kanchipuram - 603 103 Tamil Nadu	3.40	24
1782	An aerobic bioreactor landfill for biostabilization & green renewable energy generation from MSW: A case study	AICTE-RP	Khare,K.C., Ms. (F) Singhad College of Engineering Department of Civil Engineering Pune - 411 041 Maharashtra	8.50	24
1783	Analytical & experimental investigation of thermal errors of a high frequency internal grinding machine	AICTE-RP	Swamy,S.S., Mr. (M) Bapuji Institute of Engineering & Technology Department of Mechanical Engineering Davangere - 577 004 Karnataka	7.50	24
1784	Appropriate technology development for arsenic removal from drinking water	AICTE-RP	Baruah,A., Dr. (M) Assam Engineering College Department of Chemical Engineering Guwahati - 781 013 Assam	20.00	24
1785	Association between accounting earnings & stock returns volatility as a measure of value relevance of disclosure of accounting information: Evidence from the Indian corporate	AICTE-RP	Bhayani,S.J., Mr. (M) Saurashtra University Smt. R D Gardi Institute of Business Mgt. Rajkot - 360 005 Gujarat	6.60	24
1786	Augmentation of Thermal Conductivity with Nanofluids	AICTE-RP	Kumar,K.P., Mr. (M) Vignan's Engineering College Department of Mechanical Engineering Guntur - 522 213 Andhra Pradesh	6.90	24
1787	Bioactive coatings of hydroxyapatite on titanium implants	AICTE-RP	Sreejith,P.S., Mr. (M) Cochin University of Science & Technology Department of Mechanical Engineering Kochi - 682 022 Kerala	10.50	24
1788	Bioinformatics & computational research for drug design	AICTE-RP	Alfred,Q.M., Mr. (M) Burdwan University University Institute of Technology Burdwan - 713 104 West Bengal	9.18	24
1789	Calibration of routing & security features in heterogeneous networks using mobile agents	AICTE-RP	Patel,R.B., Mr. (M) M.M. Engineering College Department of Computer Engineering Ambala - 133 203 Haryana	8.00	24
1790	Characterization of Hot Filament Chemical Vapor Deposition (HFCVD) diamond coated carbide inserts	AICTE-RP	Sarangi,S.K., Mr. (M) University College of Engineering Department of Mechanical Engineering Sambalpur - 768 018 Orissa	5.50	24
1791	Characterization study of biodiesel in terms of performance cost & applicability	AICTE-RP	Prasad,A.R., Mr. (M) Sri Sairam Engineering College Department of Mechanical Engineering Chennai - 600 044 Tamil Nadu	2.00	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (in Months)
1792	Computational (CFD) & experimental combustion analysis of biofuels in I C engines	AICTE-RP	Prakash,S.V., Mr. (M) M.S. Ramaiah Institute of Technology Department of Mechanical Engineering Bengalooru - 560 054 Karnataka	6.90	24
1793	Condition monitoring of mechanical system (through noise & vibration) by using F.F.T analyzer	AICTE-RP	Vikhe,G.J., Mr. (M) Pravara Rural Engineering College Department of Mechanical Engineering Ahmednagar - 413 736 Maharashtra	9.89	24
1794	Consumer dispoission towards car models - a study of pre & post behaviour	AICTE-RP	Reddy,K.M., Mr. (M) Osmania University Department of Business Management Hyderabad - 500 007 Andhra Pradesh	9.00	24
1795	Content based recognition & biometric based authentication schemes using grid computing systems	AICTE-RP	Muneshwaran,K., Mr. (M) Mepco Schlenk Engineering College Dept. of Computer Science & Engg. Sivakasi - 626 005 Tamil Nadu	8.50	24
1796	Corporate social responsibility in Indian industry	AICTE-RP	Baxi,C.V., Mr. (M) Management Development Institute Department of Management Gurgaon - 122 001 Haryana	10.00	24
1797	Design & development of a column for bio-diesel purification	AICTE-RP	Varshney,P.K., Mr. (M) Career Institute of Technology & Management Dept. of Applied Science & Humanities Faridabad - 121 001 Haryana	7.50	24
1798	Design & development of ANN based controllers for on-line process control applications	AICTE-RP	Waghmare,L.M., Mr. (M) Shri Guru Gobind Singhji College of Engineering & Technology Department of Instrumentation Engineering Nanded - 431 606 Maharashtra	5.00	24
1799	Design & development of commercial solar dryer for aonal drying	AICTE-RP	Shukla,S.K., Mr. (M) Banaras Hindu University Institute of Technology Varanasi - 221 005 Uttar Pradesh	8.00	24
1800	Design & development of EBG based microstrip antennas for performance enhancement	AICTE-RP	Das,S., Mr. (M) Bengal Engineering & Science University Department of E.T.E. Howrah - 711 103 West Bengal	5.00	24
1801	Design & development of fuzzy based algorithms for resource allocation & routing in wireless networks	AICTE-RP	Mallapur,J.D., Ms. (F) Basaveshwar Engineering College Department of E.C.E. Bagalkot - 587 102 Karnataka	9.00	24
1802	Design & Development of hydraulically driven fire fighting water monitor trailer	AICTE-RP	Kadu,P.S., Mr. (M) G.H. Raisoni College of Engineering Department of Mechanical Engineering Nagpur - 440 016 Maharashtra	4.80	24
1803	Design & development of renewable energy hybrid tea drier for fossil fuel substitution in tea industry	AICTE-RP	Baruah,D.C., Mr. (M) Tezpur University Department of Energy Tezpur - 784 028 Assam	12.50	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (In Months)
1804	Design & development of smart composite structure for active suppression & shape control	AICTE-RP	Kumar,M.S., Mr. (M) P.S.G. College of Technology Department of Mechanical Engineering Coimbatore - 641 004 Tamil Nadu	8.85	24
1805	Design & Prototype development of low & medium power permanent magnet motors for speed dependent loads	AICTE-RP	Chaudhari,B.N., Mr. (M) College of Engineering Department of Electrical Engineering Pune - 411 005 Maharashtra	17.22	24
1806	Design for verification - for complex chip designs	AICTE-RP	Jyothi,L.S., Ms. (F) J.S.S. Academy of Technical Education Department of E.C.E. Bengalooru - 560 060 Karnataka	9.00	24
1807	Design of natural structural query language	AICTE-RP	Handigund,S.M., Mr. (M) Bangalore Institute of Technology Dept. of Computer Science & Engg. Bengalooru - 560 004 Karnataka	6.90	24
1808	Design, development & testing of smart fluid vibration damper	AICTE-RP	Ramaiah,N.S., Ms. (F) Muffakham Jah College of Engineering & Technology Department of Mechanical Engineering Hyderabad - 500 034 Andhra Pradesh	6.00	24
1809	Development of a direct torque control based low cost analog torque controller for low power induction motor drives used in small scale industries	AICTE-RP	Panigrahi,B.P., Mr. (M) Indira Gandhi Institute of Technology Department of Electrical Engineering Talcher - 759 146 Orissa	5.00	24
1810	Development of a scheme for seamless vartical mobility	AICTE-RP	Satapathy,S.S., Mr. (M) Tezpur University Dept. of Computer Science & Engineering Tezpur - 784 028 Assam	6.50	24
1811	Development of aluminium matrix composite brake drum for automotive applications	AICTE-RP	Natarajan,N., Mr. (M) Bannari Amman Institute of Technology Department of Mechanical Engineering Erode - 638 401 Tamil Nadu	9.95	24
1812	Development of an automatic clustering technique for gene expression data	AICTE-RP	Borah,S., Mr. (M) Sikkim Manipal Institute of Medical Science Dept. of Computer Science & Engg. Rangpo - 737 136 Sikkim	3.40	24
1813	Development of an embedded crypto biometric authentication scheme for ATM banking system	AICTE-RP	Arumugam,S., Mr. (M) Bannari Amman Institute of Technology Department of E.C.E. - 638 401 Tamil Nadu	3.45	24
1814	Development of an embedded system for multi - sensor data acquisition & analysis of partial discharge signals	AICTE-RP	Chakravorti,S., Mr. (M) Jadavpur University Department of Electrical Engineering Kolkata - 700 032 West Bengal	6.50	24
1815	Development of an intelligent system for analysis & control of electrical machines	AICTE-RP	Maheshkumar,G.R.B., Mr. (M) Pondicherry Engineering College Department of E.E.E. Puducherry - 605 014 Puducherry	7.46	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
1816	Development of biodegradable polymeric blends for packaging applications	AICTE-RP	Rajor,A., Ms. (F) Thapar University Department of Biotechnology Engineering Patiala - 147 004 Punjab	16.50	24
1817	Development of compact, broadband & efficient patch antennas for mobile communication	AICTE-RP	Chowdhury,S.K., Mr. (M) J.I.S. College of Engineering Department of E.C.E. Kalyani - 741 235 West Bengal	5.00	24
1818	Development of composite polymer electrolyte films for electrochemical devices	AICTE-RP	Bhardwaj,D.M., Mr. (M) Career Institute of Technology & Management Dept. of Applied Science & Humanities Faridabad - 121 001 Haryana	6.50	24
1819	Development of decision support system for urban planning in landslide prone zones in Darjelling hills	AICTE-RP	Roy,S., Mr. (M) Bengal Engineering & Science University Department of Architecture & Town Planning Howrah - 711 103 West Bengal	8.00	24
1820	Development of EB curable coatings for heat sensitive substrates	AICTE-RP	Mahanwar,P.A., Mr. (M) University Institute of Chemical Technology Dept. of Polymer Engineering & Tech. Mumbai - 400 019 Maharashtra	10.40	24
1821	Development of facilities for production of biodiesel & testing of C I engines	AICTE-RP	Tewari,P.G., Mr. (M) B.V.B. College of Engineering & Technology Department of Mechanical Engineering Hubli - 580 031 Karnataka	8.00	24
1822	Development of FPGA-DSP controlled multilevel interface for grid connection of wind turbine generators	AICTE-RP	Jangamshetti,S.H., Mr. (M) Basaveshwar Engineering College Dept. of Electrical & Electronics Engg Bagalkot - 587 102 Karnataka	16.60	24
1823	Development of instability avoidance controller in an axial ducted fan	AICTE-RP	Srinivasa,G.R., Mr. (M) Dayanand Sagar College of Engineering Department of Mechanical Engineering Bengalooru - 560 078 Karnataka	6.90	24
1824	Development of low cost FPGA based embedded system for network on chip applications	AICTE-RP	Ghosal,P., Mr. (M) Bengal Engineering & Science University Department of Information Technology Howrah - 711 103 West Bengal	6.50	24
1825	Development of machine learning algorithm for automatic diagnosis in medical images using wavelets & soft computing techniques & implementing in heterogeneous processor for clinical applications	AICTE-RP	Selvathi,D., Mr. (M) Mepco Schlenk Engineering College Dept. of Electronics & Comm. Engg. Sivakasi - 626 005 Tamil Nadu	4.10	24
1826	Development of managesia refractory aggregate from Indian magnesite	AICTE-RP	Das,K., Ms. (F) Government College of Engineering & Ceramic Technology Department of Ceramic Technology Kolkata - 700 010 West Bengal	5.75	24
1827	Development of manetic abrasives for micro-machining of metallic & non-metallic surfaces	AICTE-RP	Singh,S., Mr. (M) Guru Nanak Dev Engineering College Dept. of Mechanical & Production Engg Ludhiana - 141 006 Punjab	7.45	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Schema	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1828	Development of modular parabolic through collector for commercial & industrial application	AICTE-RP	Kulkarni, G.N., Mr. (M) College of Engineering Department of Mechanical Engineering Pune - 411 005 Maharashtra	3.85	24
1829	Development of nano particles & their applications in multi functional finishing of textiles	AICTE-RP	Ramachandran, T., Mr. (M) P.S.G. College of Technology Department of Textile Technology Coimbatore - 641 004 Tamil Nadu	12.50	24
1830	Development of piezoelectric actuators for vibration control of light weight structures	AICTE-RP	Alam, M.N., Mr. (M) Z.H. College of Engineering & Technology Department of Mechanical Engineering Aligarh - 202 002 Uttar Pradesh	5.90	24
1831	Development of suitable fuel cell for two wheelers	AICTE-RP	Srinivasa, P.R.N., Mr. (M) Sree Nidhi Institute of Science & Technology Department of Mechanical Engineering Hyderabad - 501 301 Andhra Pradesh	6.90	24
1832	Development of three wheeler for physically challenged for improving their financial status	AICTE-RP	Kamalakkann, K., Mr. (M) Hindustan College of Engineering Department of Automobile Engineering Kanchipuram - 603 103 Tamil Nadu	6.00	24
1833	Development of zirconia-spinel composites for new generation refractories	AICTE-RP	Agrawal, G.N., Mr. (M) Banaras Hindu University Institute of Technology Varanasi - 221 005 Uttar Pradesh	9.70	24
1834	Developing export competitiveness for Indian handicrafts	AICTE-RP	Kapur, D., Mr. (M) Institute of Management & Technology Department of Management Ghaziabad - 201 001 Uttar Pradesh	20.00	24
1835	Drying of tea leaves using novel fluidized bed techniques	AICTE-RP	Das, M.L., Mr. (M) Assam Engineering College Department of Chemical Engineering Guwahati - 781 013 Assam	15.00	24
1836	Dynamics of stress at workplaces: An empirical study of Jammu & Kashmir state	AICTE-RP	Sharma, J., Ms. (F) Shri Mata Vaishno Devi University Department of Management Udhampur - 182 301 Jammu & Kashmir	4.50	24
1837	Effect of globalisation on housing & infrastructure in Hyderabad	AICTE-RP	Rao, K.D., Ms. (F) School of Planning & Architecture Hyderabad - 500 028 Andhra Pradesh	10.00	24
1838	Effect of low energy non-thermal microwave radiations on brain electrophysiology	AICTE-RP	Das, B.N., Mr. (M) Birla Institute of Technology Department of Biomedical Engineering Ranchi - 835 215 Jharkhand	7.10	24
1839	E-healthcare in India evaluating critical success factors for sustainable health systems	AICTE-RP	Taneja, U., Ms. (F) Guru Govind Singh Indraprastha University Delhi - 110 043 Delhi	9.80	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (in Months)
1840	Electroconvection in aqueous solutions of polymeric liquids under microgravity conditions	AICTE-RP	Srikrishna, C.V., Mr. (M) P.E.S. Institute of Technology Department of Mechanical Engineering Bengalooru - 560 085 Karnataka	3.00	24
1841	Embedded development of hardware evaluation engine for genetic algorithms	AICTE-RP	Pakhira, M.K., Mr. (M) Kalyani Govt. Engineering College Dept. of Computer Science & Engineering Kalyani - 741 235 West Bengal	9.78	24
1842	Enhanced production of andrographolides by elicitation using in vitro transformed cultures of andrographis paniculata	AICTE-RP	Giri, A., Mrs. (F) Jawaharlal Nehru Technological University Institute of Science & Technology Hyderabad - 500 085 Andhra Pradesh	8.30	24
1843	Establishing a pervasive computing environment	AICTE-RP	Jayakumar, C., Mr. (M) Easwari Engineering College Dept. of Computer Science & Engg. Chennai - 600 089 Tamil Nadu	8.00	24
1844	Establishment of concrete quality testing laboratory	AICTE-RP	Hazarika, P.J., Dr. (M) Assam Engineering College Department of Civil Engineering Guwahati - 781 013 Assam	9.80	24
1845	Evolution of a soft computing based decision support system model for health care	AICTE-RP	Biswal, R., Mr. (M) Institute of Technology & Management Department of E.C.E. Gurgaon - 122 017 Haryana	11.50	24
1846	Experimental investigation on electric discharge machining of difficult to machine materials for surface quality improvement	AICTE-RP	Kumar, A., Mr. (M) Beant College of Engineering & Technology Department of Mechanical Engineering Gurdaspur - 143 521 Punjab	10.00	24
1847	Fabrication of wideband gap thin film Cu (INGA) SE2 solar cell on flexible substrate for space application	AICTE-RP	Singh, U.P., Mr. (M) Kalinga Institute of Industrial Technology Department of Electrical Engineering Bhubaneswar - 751 024 Orissa	5.00	24
1848	Fingerprint classification & identification	AICTE-RP	Bhattacharya, D.K., Mr. (M) Tezpur University Dept. of Computer Science & Engineering Tezpur - 784 028 Assam	5.93	24
1849	Flexural behaviour of flexible beam supported RC rectangular slabs	AICTE-RP	Singh, H., Mr. (M) Guru Nanak Dev Engineering College Department of Civil Engineering Ludhiana - 141 006 Punjab	8.40	24
1850	Flood modeling of North Bihar rivers using soft computing techniques	AICTE-RP	Sahay, R.R., Mr. (M) Birla Institute of Technology Department of Civil Engineering Ranchi - 835 215 Jharkhand	5.50	24
1851	Formulation of design guidelines for jet assisted coagulation unit of WTP using experimental & Computational Fluid Dynamics (CFD) Approach	AICTE-RP	Patil, L.G., Mr. (M) Shri Guru Gobind Singhji College of Engineering & Technology Department of Civil & Water Management Nanded - 431 606 Maharashtra	8.00	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1852	Fretting & HCF behaviour of blade-disc dovetail root joints of fan module of gas turbine engines	AICTE-RP	Suresh,A.V., Mr. (M) R.V. College of Engineering Department of Mechanical Engineering Bengalooru - 560 059 Karnataka	6.50	24
1853	Fusion of satellite data for urban features extraction	AICTE-RP	Ahmad,S., Mr. (M) Jamia Millia Islamia Department of Civil Engineering New Delhi - 110 025 Delhi	9.50	24
1854	Fusion system for medical imaging	AICTE-RP	Valsalam,R., Mr. (M) ER & DCI Institute of Technology Department of M.C.A. Thiruvananthapuram - 695 033 Kerala	10.20	24
1855	Ga & altechniques for the enhancement of power system stability with Voltage Source Converter (VSC) based facts & HVDC controllers	AICTE-RP	Prabhu,N., Mr. (M) Vel Multi Tech Sri Rangarajan Sakunthala Engineering College Department of E.E.E. Chennai - 600 062 Tamil Nadu	4.60	24
1856	Geofencing & reciprocative GIS for online monitoring of traffic mobility & accident investigation	AICTE-RP	Rao,K.M.L., Mr. (M) J.N.T.U. College of Engineering Kukatpally Center for Transportation Engg. Hyderabad - 500 072 Andhra Pradesh	11.00	24
1857	Grid based virtual screening for TB (gridvisit)	AICTE-RP	Pattannaik,K.K., Mr. (M) Birla Institute of Technology Dept. of Computer Science & Engineering Ranchi - 835 215 Jharkhand	6.50	24
1858	Human resource practice in the Uttarakhand hospitality industry	AICTE-RP	Bagri,S.C., Mr. (M) Hemwati Nandan Bahuguna Garhwal University Ctr. for Mountain Tourism & Hosp. Studies Srinagar Garhwal - 246 174 Uttarakhand	13.91	24
1859	Humanitarian logistics for distaster management	AICTE-RP	Sahay,B.S., Mr. (M) Institute of Management & Technology Department of Management Ghaziabad - 201 001 Uttar Pradesh	20.00	24
1860	Hybrid & h-infinity control systems for power systems	AICTE-RP	Patilkulkarni,S., Mr. (M) Sri Jayachamarajendra College of Engineering Department of E.C.E. Mysore - 570 006 Karnataka	5.00	24
1861	Implementation of soft switching in DC-DC converter	AICTE-RP	Jawhar,S.J., Mr. (M) Noorul Islam College of Engineering Department of E.E.E. Kanya Kumari - 629 180 Tamil Nadu	4.50	24
1862	Implication of Angiotensin Converting Enzyme 2 (ACE2) in Diabetic Cardiomyopathy	AICTE-RP	Singh,M., Mr. (M) I.S.F. College of Pharmacy Department of Pharmacy Moga - 142 001 Punjab	19.87	24
1863	Innovative strategies & technologies to manage urban electrical distribution system	AICTE-RP	Keshavn,B.K., Mr. (M) P.E.S. Institute of Technology Dept. of Computer Science & Engg. Bengalooru - 560 085 Karnataka	10.00	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1864	Integrated marketing communications	AICTE-RP	Karuna,M.M., Ms. (F) Osmania University Institute of Public Enterprise Hyderabad - 500 007 Andhra Pradesh	6.01	24
1865	Integrated study of surface & subsurface waters: A case study of Backwater effects of Alamatti Reservoir	AICTE-RP	Soraganvi,V.S., Ms. (F) Basaveshwar Engineering College Department of Civil Engineering Bagalkot - 587 102 Karnataka	6.00	24
1866	Integration of interactive 3D animation	AICTE-RP	Murthy,K.N.B., Mr. (M) P.E.S. Institute of Technology Department of Information Science Bengalooru - 560 085 Karnataka	8.50	24
1867	Intelligent protection of power apparatus & system	AICTE-RP	Vishwakarma,D.N., Mr. (M) Banaras Hindu University Institute of Technology Varanasi - 221 005 Uttar Pradesh	4.60	24
1868	Inverse force identification in complex structures & machines	AICTE-RP	Ramakrishna,D.S., Mr. (M) Jawaharlal Nehru National College of Engineering Department of Mechanical Engineering Shivamoga - 577 204 Karnataka	7.00	24
1869	Investigation of fly ash based geopolymer concrete for cost effective construction	AICTE-RP	Nagan,S., Mr. (M) Thiagarajar College of Engineering Department of Civil Engineering Madurai - 625 015 Tamil Nadu	13.50	24
1870	Investigation of the effect of wind shear due to thunderstorm on different structures	AICTE-RP	Das,K.K., Mr. (M) Assam Engineering College Department of Mechanical Engineering Guwahati - 781 013 Assam	3.45	24
1871	Investigation on electro discharge machining process characteristics for micromachining applications	AICTE-RP	Pradhan,B.B., Mr. (M) Sikkim Manipal Institute of Medical Science Department of Mechanical Engineering Rangpo - 737 136 Sikkim	13.80	24
1872	Investigations on metal ceramic & metal-metal joining by ultrasonic welding for different joint designs	AICTE-RP	Prakasan,K., Mr. (M) P.S.G. College of Technology Department of Production Engineering Coimbatore - 641 004 Tamil Nadu	9.20	24
1873	Investigations on surge phenomena in power transformers	AICTE-RP	Sumangala,B.V., Ms. (F) Dr. Ambedkar Institute of Technology Department of E.C.E. Bengalooru - 560 056 Karnataka	10.00	24
1874	Investigations on the electronic, mechanical & optical properties of carbon nanotubes & quantum wires of nonlinear optical, optoelectronic & related nano materials	AICTE-RP	De,D., Mr. (M) West Bengal University of Technology Dept. of Computer Science & Engineering Kolkata - 700 064 West Bengal	6.30	24
1875	Investigations on the interface trap densities in pseudo binary oxide nano layer - silicon systems prepared by atomic layer deposition for mosfet applications	AICTE-RP	Kumar,K.R., Mr. (M) Cochin University of Science & Technology Department of Instrumentation Kochi - 682 022 Kerala	6.80	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (In Months)
1876	Investigations on the slurry erosion behavior of hydraulic turbine materials & its prevention by HV of - coatings	AICTE-RP	Singh,H., Mr. (M) Baba Banda Singh Bahadur Engineering College Department of Mechanical Engineering Fategarh Sahib - 140 407 Punjab	2.30	24
1877	Isolation of interacting partner for Brassica Juncea NRAMP metal transporter: On a yeast two-hybrid platform	AICTE-RP	Seal,A., Ms. (F) West Bengal University of Technology Department of Biotech., BF-142, Sector-1M, Salt Lake Kolkata - 700 064 West Bengal	9.80	24
1878	Isolation, analysis & evaluation of natural antioxidant	AICTE-RP	Momin,S.A., Ms. (F) University Institute of Chemical Technology Oils & Oilchemicals & Surfactants Tech. Mumbai - 400 019 Maharashtra	13.50	24
1879	MAC assessment for cognitive radio	AICTE-RP	Kaur,P., Ms. (F) Institute of Technology & Management Department of E.C.E. Gurgaon - 122 017 Haryana	10.00	24
1880	Management of development in Jammu & Kashmir	AICTE-RP	Gupta,N.S., Mr. (M) Priyadarshni Institute of Mangement & Science Department of Management Jammu - 181 122 Jammu & Kashmir	10.40	24
1881	Marketing practice in retail sector - in India	AICTE-RP	Makkar,U., Ms. (F) Institute of Management Studies Department of Management Ghaziabad - 201 009 Uttar Pradesh	7.50	24
1882	Mechatronics centre	AICTE-RP	Rathore,S.S., Mr. (M) Engineering College Department of Mechanical Engineering Bikaner - 334 004 Rajasthan	6.95	24
1883	Membrane bioreactor for tannery wastewater treatment	AICTE-RP	Keerthinaryana,S., Mr. (M) Coimbatore Institute of Technology Department of Civil Engineering Coimbatore - 641 014 Tamil Nadu	6.00	24
1884	Mining the digital images of In Situ Hybridization (ISH) gene expression data for Association Rules	AICTE-RP	Anandhavalli,M., Mr. (M) Sikkim Manipal Institute of Medical Science Department of Computer Science & Engg. Rangpo - 737 136 Sikkim	2.40	24
1885	Mix proportioning of high strength concrete with crushed sand as fine aggregate	AICTE-RP	Murnal,P.B., Mr. (M) Government College of Engineering Department of Civil Engineering Karad - 415 124 Maharashtra	5.40	24
1886	Modelling uncertainty in representation of facial features using symbolic data with application to face recognition	AICTE-RP	Prabhakar,C.J., Mr. (M) Kuvempu University Department of M.C.A. Shimoga - 577 451 Karnataka	6.60	24
1887	Morphological study of river Teesta in & around Singtam	AICTE-RP	Ghose,M.K., Mr. (M) Sikkim Manipal Institute of Medical Science Dept. of Computer Science & Engg. Rangpo - 737 136 Sikkim	12.50	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1888	Multi agent system	AICTE-RP	Srivastava,A.K., Mr. (M) Institute of Engineering & Technology Dept. of Computer Science & Engg. Alwar - 301 030 Rajasthan	8.63	24
1889	Multi objective association rule mining for cancer diagnosis	AICTE-RP	Nath,B., Mr. (M) Tezpur University Dept. of Computer Science & Engineering Tezpur - 784 028 Assam	4.70	24
1890	Multilingual speech synthesis system for Dravidian languages	AICTE-RP	Saraswathi,S., Ms. (F) Pondicherry Engineering College Dept. of Computer Science & Engg. Puducherry - 605 014 Puducherry	5.75	24
1891	Offsite disaster prediction modeling for chemical industries using GIS	AICTE-RP	Kumar,V., Mr. (M) Thapar University Department of Chemical Engineering Patiala - 147 004 Punjab	14.50	24
1892	Optimization of biometanation process for high TDS spent wash from distilleries	AICTE-RP	Manjappa,S., Mr. (M) Bapuji Institute of Engineering & Technology Department of Civil Engineering Davangere - 577 004 Karnataka	7.00	24
1893	Optimization of cryogenic treatment for engineering materials	AICTE-RP	Mohideen,S.R., Mr. (M) Crescent Engineering College Department of Mechanical Engineering Chennai - 600 048 Tamil Nadu	3.00	24
1894	Organizational needs assesment for extending employment & education to disabled	AICTE-RP	Paul,A.K., Dr. (M) FR Rajagiri College of Social Sciences Kochi - 683 104 Kerala	5.00	24
1895	Organized retailing through the shopping malls Impact on the Indian society	AICTE-RP	Taneja,S., Mr. (M) Bharati Vidyapeeth's Institute of Management & Research New Delhi - 110 063 Delhi	8.15	24
1896	Osteoarthritis detection using neural networks	AICTE-RP	Banerjee,S., Ms. (F) West Bengal University of Technology Department of Information Technology Kolkata - 700 064 West Bengal	5.75	24
1897	Prediction of mechanical properties of polymer matrix FRP composites with imperfections using micromechanical finite element analysis	AICTE-RP	Murthy,V.B.K., Mr. (M) Prasad V. Potluri Siddhartha Institute of Technology Department of Mechanical Engineering Vijayawada - 520 007 Andhra Pradesh	5.50	24
1898	Product development for environmental friendly manufacturing porcess	AICTE-RP	Drakshayani,D.N., Ms. (F) Sir M. Visvesvaraya Institute of Technology Department of Mechanical Engineering Bengalooru - 562 157 Karnataka	1.95	24
1899	Production & characterization of biodiesel from low value industrial by products	AICTE-RP	Singh,R.P., Mr. (M) Harcourt Butler Technological Institute Department of Oil & Paint Technology Kanpur - 208 002 Uttar Pradesh	13.80	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1900	Production & characterization of FSW Al MMC for high tech structural & functional applications	AICTE-RP	Murugan,N., Mr. (M) Coimbatore Institute of Technology Department of Mechanical Engineering Coimbatore - 641 014 Tamil Nadu	17.00	24
1901	Properties of carbon nanotubes by CUD method for hydrogen energy storage	AICTE-RP	Bose,S., Mr. (M) Bengal College of Engineering & Technology Department of E.C.E. Durgapur - 713 212 West Bengal	6.50	24
1902	Quality of teaching in self finance management institutions: A study of Uttar Pradesh	AICTE-RP	Rai,A.K., Mr. (M) Banaras Hindu University Department of Management Varanasi - 221 005 Uttar Pradesh	7.60	24
1903	Real time signal processing of the electrical activity of the human brain for early detection of Alzheimers disease	AICTE-RP	Sudha,V.K., Mrs. (F) Dr. Mahalingam College of Engineering & Technology Department of E.C.E. Pollachi - 642 003 Tamil Nadu	5.40	24
1904	Recognition of handwritten manuscript in Devnagari script	AICTE-RP	Malik,L.G., Mr. (M) G.H. Raisoni College of Engineering Dept. of Computer Science & Engg. Nagpur - 440 016 Maharashtra	7.50	24
1905	Recovery of glycerol from biodiesel plant	AICTE-RP	Maitra,S., Ms. (F) B.M.S. College of Engineering Department of Chemical Engineering Bengalooru - 560 019 Karnataka	6.50	24
1906	Reengineering disaster management system for better performance	AICTE-RP	Sadasivam,G.S., Ms. (F) P.S.G. College of Technology Dept. of Computer Science & Engg. Coimbatore - 641 004 Tamil Nadu	6.00	24
1907	Removal & recovery of toxic contaminants from waste water by reverse osmosis	AICTE-RP	Srinivasan,G., Mr. (M) Pondicherry Engineering College Department of Chemical Engineering Puducherry - 605 014 Puducherry	4.85	24
1908	RFID aided supply chain design for Indian manufacturing & retail organizations	AICTE-RP	Gupta,S., Dr. (M) Shri Shankaracharya College of Engineering & Technology Bhilai - 490 020 Chhattisgarh	3.59	24
1909	Risk based system security assessment	AICTE-RP	Babul,C.K., Mr. (M) Thiagarajar College of Engineering Department of E.E.E. Madurai - 625 015 Tamil Nadu	2.30	24
1910	RPS Condition assessment of RCC ESRs in Amravati region using non destructive methods	AICTE-RP	Lande,P.S., Mr. (M) Government College of Engineering Department of Civil Engineering Amravati - 444 604 Maharashtra	4.00	24
1911	Security enabled data gathering protocol for wireless sensor network	AICTE-RP	Sarma,N., Mr. (M) Tezpur University Dept. of Computer Science & Engineering Tezpur - 784 028 Assam	6.06	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1912	Seismic protection of heritage building	AICTE-RP	Jain,S.K., Mr. (M) Madhav Institute of Technology & Science Department of Civil Engineering Gwalior - 474 005 Madhya Pradesh	13.50	24
1913	Seismic retrofitting of retaining walls	AICTE-RP	Prasad,S.K., Mr. (M) Sri Jayachamarajendra College of Engineering Department of Civil Engineering Mysore - 570 006 Karnataka	13.50	24
1914	Socioenvironmental impact assessment of river corridors with in Urban Area	AICTE-RP	Sharma,A., Mr. (M) Madhav Institute of Technology & Science Department of Architecture Gwalior - 474 005 Madhya Pradesh	5.00	24
1915	Stability analysis of a floating platform in high sea waves	AICTE-RP	Pani,P.K., Mr. (M) Indira Gandhi Institute of Technology Department of Civil Engineering Talcher - 759 146 Orissa	7.00	24
1916	Studies in enzymes & chitosan for ecofriendly textile processing	AICTE-RP	Jajpura,L., Mr. (M) The Technological Institute of Textile & Sciences Department of Textile Chemistry Bhiwani - 127 021 Haryana	8.25	24
1917	Studies on biopreservation & bioprocessing technology of hides & skins for cleaner environment	AICTE-RP	Mukherjee,G., Mr. (M) Government College of Engineering & Leather Technology Department of Leather Technology Kolkata - 700 098 West Bengal	7.50	24
1918	Studies on design & performance of vertical axis wind turbine	AICTE-RP	Malvi,C.S., Mr. (M) Madhav Institute of Technology & Science Department of Mechanical Engineering Gwalior - 474 005 Madhya Pradesh	5.75	24
1919	Studies on effect of nanosized fillers on barrier & other properties of PVC films	AICTE-RP	Akhtar,S., Ms. (F) Central Institute of Plastics Engineering & Technology Mysore - 570 016 Karnataka	2.25	24
1920	Studies on pitting corrosion & ferrite number of duplex stainless steel claddings deposited by pulsed GMAW	AICTE-RP	Kannan,T., Mr. (M) Kumaraguru College of Technology Department of Mechanical Engineering Coimbatore - 641 006 Tamil Nadu	5.00	24
1921	Studies on the factors influencing the quality of aluminium alloys & metal matrices composites in lost foam casting process	AICTE-RP	Jayaraman,M., Mr. (M) Kongu Engineering College Department of Mechtronics Engineering Erode - 638 052 Tamil Nadu	3.50	24
1922	Study of earthquake induced liquefaction using shake table test	AICTE-RP	Pathak,S.R., Ms. (F) College of Engineering Department of Civil Engineering Pune - 411 005 Maharashtra	9.00	24
1923	Study of flow forming behavior of deep drawn quality steel when it is drawn into a die by sensing temperature & stresses at different stages of drawing	AICTE-RP	Murti,K.G.K., Prof. (M) Gokaraju Rangaraju Institute of Engineering & Technology Department of Mechanical Engineering Hyderabad - 500 072 Andhra Pradesh	6.88	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
1924	Study on performance characteristics of diesel engines operating on biodiesel from Ambadi seed oil	AICTE-RP	Jindal, S., Mr. (M) ER College of Technology & Engineering Department of Mechanical Engineering Udaipur - 313 001 Rajasthan	4.60	24
1925	Study on the fire resistance property & suitability as backfill material of self compacting weathered laterized concrete	AICTE-RP	Paul, M.M., Mr. (M) M.A. College of Engineering Department of Civil Engineering Ernakulam - 686 666 Kerala	8.97	24
1926	Study on the strength & durability of fly ash based geopolymer concrete	AICTE-RP	Mandal, S., Mr. (M) Jadavpur University Department of Civil Engineering Kolkata - 700 032 West Bengal	7.25	24
1927	Super plastic diffusion bonding of titanium sheet with austenitic stainless steel	AICTE-RP	Ravindran, D., Mr. (M) National Engineering College Department of Mechanical Engineering Kovilpatti - 628 503 Tamil Nadu	6.30	24
1928	Super resolution of videos & images	AICTE-RP	Mudenagudi, U., Ms. (F) B.V.B. College of Engineering & Technology Department of E.C.E. Hubli - 580 031 Karnataka	5.75	24
1929	Surface & ground water quality modelling & management for Hosur town	AICTE-RP	Kumara, H.N.R., Mr. (M) Adhiyamaan College of Engineering Department of Civil Engineering Krishnagiri - 635 109 Tamil Nadu	9.00	24
1930	Synthesis & surface modification of Ti-TiB composite for wear resistant application	AICTE-RP	Selvakumar, M., Mr. (M) Dr. Mahalingam College of Engineering & Technology Dept. of Mech. Engg., Udumalai Road Pollachi - 642 003 Tamil Nadu	5.65	24
1931	Tea processing using biomass gasifier	AICTE-RP	Kalita, K., Dr. (M) Assam Engineering College Department of Mechanical Engineering Guwahati - 781 013 Assam	8.30	24
1932	The changing nature of tourists expectation & development forces impacting the future of tourism in Badrinath & Kedarnath tourism circuit in Uttarakhand	AICTE-RP	Gupta, S.K., Mr. (M) Hemwati Nandan Bahuguna Garhwal University Center for Mountain Tourism & Hospitality Studies Srinagar Garhwal - 246 174 Uttarakhand	5.82	24
1933	Tribology	AICTE-RP	Hemanth, J., Mr. (M) Siddaganga Institute of Technology Department of Mechanical Engineering Tumkur - 572 103 Karnataka	8.65	24
1934	Venture capital finance in India - practices, problems & prospects	AICTE-RP	Satyanarayanachary, T., Mr. (M) Osmania University Institute of Public Enterprise Hyderabad - 500 007 Andhra Pradesh	5.50	24
1935	Vibration monitoring of RCC frames retrofitted using bonded laminates	AICTE-RP	Kwatra, N., Mr. (M) Thapar University Department of Civil Engineering Patiala - 147 004 Punjab	5.75	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
1936	Video feature extraction & content based video retrieval	AICTE-RP	Saikia, N., Mr. (M) Assam Engineering College Department of E.T.E. Guwahati - 781 013 Assam	4.00	24
1937	VLSI implementation of DSP for model predictive control algorithm	AICTE-RP	Sonawane, D.N., Mr. (M) College of Engineering Dept. of Instrumentation & Control Engg. Pune - 411 005 Maharashtra	8.00	24
1938	Web enabled health monitoring & control of disaster prone structures	AICTE-RP	Sivaraja, M., Mr. (M) Kongu Engineering College Department of Civil Engineering Erode - 638 052 Tamil Nadu	6.00	24
1939	Weld pool measurement using low cost vision sensors	AICTE-RP	Sriram, C.V., Mr. (M) V.R. Siddharth Engineering College Department of Mechanical Engineering Vijayawada - 520 007 Andhra Pradesh	3.90	24
1940	Zinc alloy coating for automobile applications	AICTE-RP	Vagge, S.T., Mr. (M) College of Engineering Department of Metallurgical Engineering Pune - 411 005 Maharashtra	6.00	24
1941	Magnetic modeling of basement structures & continental margins	CSIR-ES	Sarma, B.S.P., Dr. (M) National Geophysical Research Institute Palaeomagnetism Division Hyderabad - 500 007 Andhra Pradesh	8.70	36
1942	Some theoretical & experimental investigations relating to short & long -period gratings in photosensitive optical fibres & waveguides	CSIR-ES	Singh, B.R., Dr. (M) Central Electronics Engineering Research Institute Pilani - 333 031 Rajasthan	14.46	36
1943	A cost based multivariate alarm management framework	CSIR-GS	Bhushan, M., Prof. (M) Indian Institute of Technology (B) Department of Chemical Engineering Mumbai - 400 076 Maharashtra	9.81	36
1944	An innovative approach for modeling of total electron content of ionosphere from GPS aided geo augmented navigation receiver data in the context of Indian subcontinent	CSIR-GS	Rao, G.S., Prof. (M) Andhra University Dept. of Electrical & Communication Engg. Visakhapatnam - 530 003 Andhra Pradesh	12.76	36
1945	Assessment of critical level of drying stresses for degrade free drying of wood in dehumidifying wood dryers	CSIR-GS	Chauhan, S.S., Dr. (M) Institute of Wood Science & Technology Bengaluru - 560 003 Karnataka	14.76	36
1946	Carbon nano tubes coated carbon fiber composites in polycarbonate matrix for structural applications	CSIR-GS	Kar, K.K., Dr. (M) Indian Institute of Technology (K) Advanced Nano Engg. Material Lab. Kanpur - 208 016 Uttar Pradesh	15.26	36
1947	Design & development of heat pipe based dehumidifier for air-conditioning applications	CSIR-GS	Jain, S., Dr. (M) Indian Institute of Technology (D) Department of Mechanical Engineering New Delhi - 110 016 Delhi	7.84	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
1948	Development & application of ceramic foam supported catalysts in petrochemical industries	CSIR-GS	Sengupta, S., Dr. (F) Indian Institute of Technology (Kh) Department of Chemical Engineering Kharagpur - 721 302 West Bengal	8.76	36
1949	Development of methods for measuring yarn & fabric hairiness by image processing	CSIR-GS	Das, A., Dr. (M) Indian Institute of Technology (D) Department of Textile Technology New Delhi - 110 016 Delhi	7.44	24
1950	Development of a multifunctional surface on Ti & its alloys for tailoring wear resistance & biocompatibility	CSIR-GS	Majumdar, J.D., Dr. (F) Indian Institute of Technology (Kh) Dept. of Metallurgical & Material Engg. Kharagpur - 721 302 West Bengal	11.01	36
1951	Development of discrete liquid flow model in a structured bed in presence of gas flow	CSIR-GS	Gupta, G.S., Dr. (M) Indian Institute of Science Department of Metallurgy Bengalooru - 560 012 Karnataka	9.00	36
1952	Development of epoxy - liquid natural rubber modified blends for high impact applications	CSIR-GS	Thomas, S., Dr. (M) Mahatma Gandhi University School of Chemical Sciences Kottayam - 686 560 Kerala	9.31	36
1953	Development of fuzzy multiple attribute decision support systems & their applications to the problems of manufacturing environment	CSIR-GS	Rao, R.V., Dr. (M) Sardar Vallabhbhai National Institute of Technology Department of Mechanical Engineering Surat - 395 007 Gujarat	9.76	36
1954	Development of thermoacoustically driven pulse tube refrigerators for natural gas liquefaction	CSIR-GS	Kasthuriangan, S., Prof. (M) Indian Institute of Science Centre for Cryogenic Technology Bengalooru - 560 012 Karnataka	13.26	36
1955	Effect of surface characteristics on natural convective heat transfer in a vertical rectangular cavity	CSIR-GS	Dutta, T.K., Dr. (M) Jadavpur University Department of Chemical Engineering Kolkata - 700 032 West Bengal	13.64	36
1956	Electrospinning of ceramic nanofibers for biomedical applications	CSIR-GS	Kumar, T.S.S., Dr. (M) Indian Institute of Technology (M) Dept. of Metallurgy & Material Engineering Chennai - 600 036 Tamil Nadu	10.26	36
1957	Experimental & theoretical investigations of microwave melting of metals	CSIR-GS	Basak, T., Dr. (M) Indian Institute of Technology (M) Department of Chemical Engineering Chennai - 600 036 Tamil Nadu	9.96	36
1958	Experimental investigation of failure & stability of laminated composite plates with cutouts	CSIR-GS	Singh, S.B., Dr. (M) Birla Institute of Technology & Science Civil Engineering Group Pilani - 333 031 Rajasthan	6.00	36
1959	Experimental investigation of finish hard turning with Polycrystalline Cubic Boron Nitride tool (PCBN)	CSIR-GS	Jain, P.K., Prof. (M) Indian Institute of Technology (R) Dept. of Mechanical & Industrial Engg. Roorkee - 247 667 Uttarakhand	11.34	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

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1960	Experimental studies, modelling & simulation of polymer gel system for profile modification in petroleum reservoir rock	CSIR-GS	Mahto,V., Dr. (M) Indian School of Mines Department of Petroleum Engineering Dhanbad - 826 004 Jharkhand	10.51	36
1961	Hot corrosion & microstructural characterisations of nanostructured superalloy coatings	CSIR-GS	Jayaganthan,R., Dr. (M) Indian Institute of Technology (R) Dept. of Metallurgical & Material Engg. Roorkee - 247 667 Uttarakhand	12.36	36
1962	Investigation on effect of pulse current gas welding on joint characteristics of scandium inoculated high strength aluminium alloy	CSIR-GS	Ghosh,P.K., Dr. (M) Indian Institute of Technology (R) Department of Metallurgy & Material Engineering Roorkee - 247 667 Uttarakhand	14.16	36
1963	Investigations on the role of cold spray coatings to control hot corrosion of steam generating plants	CSIR-GS	Singh,H., Dr. (M) Baba Banda Singh Bahadur Engineering College Department of Mechanical Engineering Fategarh Sahib - 140 407 Punjab	13.00	36
1964	Micro - machining of advanced ceramics by pulsed Nd: YAG laser	CSIR-GS	Doloi,B., Dr. (M) Jadavpur University Department of Production Engineering Kolkata - 700 032 West Bengal	8.66	36
1965	Multi - sensor based tool condition monitoring in drilling	CSIR-GS	Pal,S.K., Dr. (M) Indian Institute of Technology (Kh) Department of Mechanical Engineering Kharagpur - 721 302 West Bengal	9.56	36
1966	Optimization of Alkaline - Surfactant - Polymer (ASP) flooding for enhanced oil recovery	CSIR-GS	Mandal,A., Dr. (M) Indian School of Mines Department of Petroleum Engineering Dhanbad - 826 004 Jharkhand	10.86	36
1967	Self - optimizing control for plantwide chemical processes: Implementing economic potential without online optimization	CSIR-GS	Saha,P.K., Dr. (M) Indian Institute of Technology (G) Department of Chemical Engineering Guwahati - 781 039 Assam	11.26	36
1968	Single electronics: Towards hybrid CMOS - Set circuit design	CSIR-GS	Mahapatra,S., Prof. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	13.04	36
1969	Space vector pulse width modulation techniques for multi - phase voltage source inverters	CSIR-GS	Iqbal,A., Dr. (M) Aligarh Muslim University Department of Electrical Engineering Aligarh - 202 002 Uttar Pradesh	19.34	24
1970	Studies on augmentation of heat transfer in heat exchanger fitted with different inserts	CSIR-GS	Sivashanmugam,P., Dr. (M) National Institute of Technology (Tiruchirappalli) Department of Chemical Engineering Tiruchirappalli - 620 015 Tamil Nadu	13.26	36
1971	Study & development of new piston ring face profiles for improvement in the performance of IC engines	CSIR-GS	Pandey,R.K., Dr. (M) Indian Institute of Technology (D) New Delhi - 110 016 Delhi	5.50	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
1972	Studying the role of surface & bulk heterogeneities of a release coating for the removal of biofoulants	CSIR-GS	Ghatak,A., Prof. (M) Indian Institute of Technology (K) Department of Chemical Engineering Kanpur - 208 016 Uttar Pradesh	21.76	36
1973	Synthesis & characterization of carbon molecular sieves from activated carbon fibers	CSIR-GS	Verma,N., Dr. (M) Indian Institute of Technology (K) Department of Chemical Engineering Kanpur - 208 016 Uttar Pradesh	10.54	24
1974	Synthesis of surfactant based hydro - fracturing gel	CSIR-GS	Ojha,K., Dr. (F) Indian School of Mines Department of Petroleum Engineering Dhanbad - 826 004 Jharkhand	9.61	36
1975	Treatment of wastewater containing AZO - Dyes by ozonation & aerobic biodegradation	CSIR-GS	Bose,P., Dr. (M) Indian Institute of Technology (K) Department of Civil Engineering Kanpur - 208 016 Uttar Pradesh	12.76	36
1976	Unified cross - layer approach to energy saving measures in wireless sensor networks	CSIR-GS	De,S., Dr. (M) Indian Institute of Technology (D) Department of Electrical Engineering New Delhi - 110 016 Delhi	9.96	36
1977	Development of nanoceramic coatings on CP - Titanium & Titanium alloys by electrophoretic deposition for biomedical applications	CSIR-SS	Manivasagam,G., Dr. (F) Vellore Institute of Technology School of Mechanical & Building Science Vellore - 632 014 Tamil Nadu	16.76	36
1978	Heterogeneous water phase catalysis & oxide surface for bioremediation of low - biodegradable industrial wastewaters	CSIR-SS	Mukkanti,K., Dr. (M) Jawaharlal Nehru Technological University Centre for Environment Hyderabad - 500 072 Andhra Pradesh	13.76	36
1979	High coercivity magnetic AFe ₁₂ O ₁₉ (A: Ba &/or Sr) nanofibrils of controlled shape anisotropy for radar & other high frequency applications	CSIR-SS	Ram,S., Dr. (M) Indian Institute of Technology (Kh) Materials Science Centre Kharagpur - 721 302 West Bengal	13.91	36
1980	Mechanically activated leaching of chromite concentrates	CSIR-SS	Murty,B.S., Dr. (M) Indian Institute of Technology (M) Dept. of Materials & Metallurgical Engg. Chennai - 600 036 Tamil Nadu	14.66	36
1981	An experimental investigation of convective heat transfer in water based nano fluids	DAE-BRNS	Sobhan,C.B., Dr. (M) National Institute of Technology (Kozhikode) Kozhikode - 673 601 Kerala	20.00	7
1982	Chiral & achiral ferroelectric liquid crystal materials for display devices: A systematic study	DAE-BRNS	Goud,B.V.S., Dr. (M) Nagarjuna University Department of USIC Nagarjuna Nagar - 522 510 Andhra Pradesh	8.71	9
1983	Coupled three dimensional thermo hydro mechanical analysis of under ground nuclear repositories	DAE-BRNS	Sharma,K.G., Prof. (M) Indian Institute of Technology (D) New Delhi - 110 016 Delhi	15.35	7

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

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1984	Development & evaluation of high performance friction damping materials	DAE-BRNS	Kumaran,P.S., Mr. (M) Central Power Research Institute Bengalooru - 560 080 Karnataka	19.89	7
1985	Development of 10K pulse tube refrigerator & investigation of regenerative heat exchangers	DAE-BRNS	Narayankhedkar,K.G., Prof. (M) Director Veermata Jijabai Technological Institute Mumbai - 400 019 Maharashtra	40.89	36
1986	Development of a multifinger dextrous robot hand with cyber glove interface for telemanipulation	DAE-BRNS	Bhaumik,S., Dr. (M) Bengal Engineering & Science University Howrah - 711 103 West Bengal	67.12	36
1987	Development of a prototype thermo acoustic prime mover	DAE-BRNS	Naik,H.B., Dr. (M) Sardar Vallabhbhai National Institute of Technology Department of Mechanical Engineering Surat - 395 007 Gujarat	15.02	4
1988	Development of advanced NDE techniques for enhanced sensitivity-reliability & reduce inspection time for detection & characterization of defects in nuclear components	DAE-BRNS	Balasubramaniam,K., Prof. (M) Indian Institute of Technology (M) Department of Mechanical Engineering Chennai - 600 036 Tamil Nadu	206.51	48 ✓
1989	Development of elasto plastic element free galerkin code	DAE-BRNS	Singh,I.V., Dr. (M) Indian Institute of Technology (R) Roorkee - 247 667 Uttarakhand	16.76	6
1990	Development of Fractional Order PID controller (Analog-FOPID)	DAE-BRNS	Aware,M.V., Dr. (M) Visvesvaraya National Institute of Technology Nagpur - 440 010 Maharashtra	26.85	7
1991	Development of hydrogen gas monitor using nano structured films	DAE-BRNS	Devi,P.S., Dr. (F) Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	22.90	11
1992	Development of multi dimensional two fluid model	DAE-BRNS	Iyer,K.N., Dr. (M) Indian Institute of Technology (B) Department of Mechanical Engineering Mumbai - 400 076 Maharashtra	27.19	11
1993	Development of polymer composite bipolar plate for polymer electrolyte membrane fuel cell	DAE-BRNS	Verma,A., Dr. (M) Indian Institute of Technology (G) Guwahati - 781 039 Assam	8.49	6
1994	Development of rare earth doped nanocrystalline nonlinear optical glass ceramics for self frequency doubled laser devices	DAE-BRNS	Karmarkar,B., Dr. (M) Scientist IV Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	19.40	10
1995	Development of RF plasma polymerization process for deposition of hard, transparent & corrosion resistant coatings on bell metal & surface modifications to muga silk fibres	DAE-BRNS	Chutia,J., Dr. (F) Institute of Advanced Study in Science & Technology Guwahati - 781 035 Assam	24.00	7
1996	Development of superhydrophobic aerogels & coatings based on organosilance compounds	DAE-BRNS	Rao,A.V., Prof. (M) Shivaji University Ari Glass Laboratory Kolhapur - 416 004 Maharashtra	15.08	10

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
1997	Development of ultra low loss temperature stable composite substrate for high power microwave amplifiers	DAE-BRNS	Rathesh,R., Dr. (M) Scientist Centre for Materials for Electronics Technology(C-MET) Thrissur - 680 771 Kerala	59.89	36
1998	Dynamic data driven model based predictive control of nuclear steam generator	DAE-BRNS	Patwardhan,S.C., Prof. (M) Indian Institute of Technology (B) Mumbai - 400 076 Maharashtra	32.71	3
1999	Dynamic soil structure interaction effects in multistoreyed structures on homogeneous soil & geosynthetic reinforced soil	DAE-BRNS	Shivashankar,R., Prof. (M) National Institute of Technology (Karnataka) Surathkal - 575 025 Karnataka	26.25	11
2000	E-beam irradiation of metal coated coir fibres to find out new applications in the field of electronics	DAE-BRNS	Krishnakumar,K.S., Dr. (M) Mahatma Gandhi University School of Technology & Applied Science Kottayam - 686 041 Kerala	19.19	6
2001	Electrochemical synthesis of lanthanum & europium hexaborides by molten salt technique	DAE-BRNS	Berchmans,L.,J., Dr. (M) Central Electrochemical Research Institute Electroprometallurgy Division Karaikudi - 630 006 Tamil Nadu	40.54	24
2002	Evaluation of concrete & structural elements under fire loads	DAE-BRNS	Yaragal,S.C., Mr. (M) National Institute of Technology (Karnataka) Department of Civil Engineering Surathkal - 575 025 Karnataka	20.56	8
2003	Evaluation of creep behaviour of alloy 690 & 693 at 950 - 1100 C	DAE-BRNS	Swaminathan,J., Dr. (M) National Metallurgical Laboratory Jamshedpur - 831 007 Jharkhand	18.38	7
2004	Fabrication of dye doped polymer impregnated glass & development of laser damage resistant sol gel antireflection coating for solid state dye laser application	DAE-BRNS	Biswas,P.K., Dr. (M) Scientist IV Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	40.52	17
2005	Field tests of concrete structures upgraded with fiber reinforced composites	DAE-BRNS	Mukherjee,A., Prof. (M) Director Thapar University Patiala - 147 004 Punjab	16.60	10
2006	Flow characteristics & pollutant dispersion around buildings	DAE-BRNS	Shrihari,S., Dr. (M) National Institute of Technology (Karnataka) Surathkal - 575 025 Karnataka	18.68	7
2007	Geohydrological characterization ground water flow & contaminant transport modelling at Tummalapalle uranium mining & tailings area, Cuddapah (Andhra Pradesh)	DAE-BRNS	Muralidharan,D., Dr. (M) Scientist National Geophysical Research Institute Hyderabad - 500 007 Andhra Pradesh	29.25	12
2008	Geophysical survey using gravity & magnetic methods in South Purulia shear zone	DAE-BRNS	Sharma,S.P., Dr. (M) Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	19.63	4
2009	In Vivo choice of Translation Initiation Sites (TIS) in the human malaria parasite P. falciparum	DAE-BRNS	Patankar,S., Dr. (F) Indian Institute of Technology (B) School of Biosciences & Bioengineering Mumbai - 400 076 Maharashtra	20.67	12

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
2010	Indigenous development of two stage pulse tube cryocooler of cooling capacity of 100 mW @ 4.2K for calibration of temperature sensors	DAE-BRNS	Behera,U., Mr. (M) Centre of Cryogenic Technology Bengalooru - 560 012 Karnataka	9.73	36
2011	In-situ behaviour of bentonite buffer under deep geological repository conditions	DAE-BRNS	Rao,S., Mr. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	29.31	12
2012	Investigation on the dynamics of jerky flow in systems exhibiting the Pseudo-Portevin-le Chatelier effect	DAE-BRNS	Ananthakrishna,G., Prof. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	15.99	3
2013	Investigation on the reactivity & wetting behaviour of molten metals with nano size lanthanum phosphate sintered ceramic & coatings	DAE-BRNS	Warrier,K.G.K., Dr. (M) Deputy Director Regional Research Laboratory Thiruvananthapuram - 695 019 Kerala	13.97	7
2014	Level set method based 3D,transient simulation of steam water stratified developing flow & conjugate heat transfer in a horizontal pipe with a nuclear fuel simulator rod	DAE-BRNS	Sharma,A., Prof. (M) Indian Institute of Technology (B) Department of Mechanical Engineering Mumbai - 400 076 Maharashtra	14.04	7
2015	Measurement & validation of critical leak flow through slit using leak flow facility further measurements	DAE-BRNS	Saha,S.K., Prof. (M) Jadavpur University Department of Mechanical Engineering Kolkata - 700 032 West Bengal	13.47	6
2016	Measurement of radionuclides & trace elemental concentrations & their transfer factors in environmental matrices around the proposed uranium mining, milling & tailing pond site at K.P. Mawthabab (Domlasiat) West Khasi Hills, Meghalaya	DAE-BRNS	Kharbuli,B., Prof. (M) North-Eastern Hill University Shillong - 793 022 Meghalaya	69.17	36
2017	Measuring the HI power spectrum with the GMRT	DAE-BRNS	Bharadwaj,S., Dr. (M) Indian Institute of Technology (Kh) Centre for Theoretical Studies Kharagpur - 721 302 West Bengal	7.73	6
2018	Memory & switching applications of organic semiconductors	DAE-BRNS	Pal,A.J., Dr. (M) Indian Association for the Cultivation of Science Kolkata - 700 032 West Bengal	22.15	36
2019	Microstructural engineering of nuclear structural materials	DAE-BRNS	Samajdar,I., Prof. (M) Indian Institute of Technology (B) Mumbai - 400 076 Maharashtra	42.92	24
2020	Modeling & measurement of contact conductance between two structural components	DAE-BRNS	Pawaskar,D.N., Dr. (M) Indian Institute of Technology (B) Mumbai - 400 076 Maharashtra	17.26	3
2021	Nano finishing of ultra high speed shafts used in gas bearings	DAE-BRNS	Ramkumar,J., Dr. (M) Indian Institute of Technology (K) Kanpur - 208 016 Uttar Pradesh	11.89	6

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2022	Prediction & control of distortion in components during hardfacing	DAE-BRNS	Ravindran,D., Prof. (M) National Engineering College Kovilpatti - 628 503 Tamil Nadu	19.63	4
2023	Reactive plasma processing of minerals & industrial wastes	DAE-BRNS	Mishra,S.C., Dr. (M) National Institute of Technology (Rourkela) Dept. of Metallurgy & Material Engg. Rourkela - 769 008 Orissa	25.41	16
2024	Reliability & lifetime improvement of high power laser diodes: Protection against failure modes	DAE-BRNS	Panchal,C.J., Dr. (M) M.S. University of Baroda Department of Applied Physics Vadodara - 390 001 Gujarat	28.60	6
2025	Role of voltage dependent anion channel in mitochondria mediated apoptosis: Studies on interaction with MAP Kinase & bax	DAE-BRNS	Ghosh,S., Prof. (M) Hyderabad University Hyderabad - 500 046 Andhra Pradesh	24.53	36
2026	Seismic analysis of piping systems with supplemented devices	DAE-BRNS	Jangid,R.S., Dr. (M) Indian Institute of Technology (B) Department of Civil Engineering, Powai Mumbai - 400 076 Maharashtra	10.70	10
2027	Studies on evaluation of heavy density concrete using Hermatite by non destructive testing & comparison with ordinary concrete	DAE-BRNS	Chellappan,A., Mr. (M) Science & Engineering Research Council Chennai - 600 113 Tamil Nadu	19.51	4
2028	Transient flow analysis of heavy density liquid metal in spallation target of ADS	DAE-BRNS	Munshi,P., Prof. (M) Indian Institute of Technology (K) Department of Mechanical Engineering Kanpur - 208 016 Uttar Pradesh	16.22	7
2029	Upgradation of the National facility for texture & orientation imaging microscopy	DAE-BRNS	Samajdar,I., Prof. (M) Indian Institute of Technology (B) Mumbai - 400 076 Maharashtra	200.00	48
2030	Use of radiation for phytosanitation & quality enhancement of Coir Pith	DAE-BRNS	Sarma,U.S., Dr. (M) Director Central Coir Research Institute Kalavoor - 688 522 Kerala	17.14	15
2031	Verification test of prototype base isolated buildings subjected to dynamic loads	DAE-BRNS	Deb,S.K., Dr. (M) Indian Institute of Technology (G) Department of Civil Engineering Guwahati - 781 039 Assam	9.18	15
2032	Development & evaluation of surface modified hydrogel coated medium & large diameter vascular graft	DBT-R&D	Joseph,R., Dr. (M) Scientist E Sree Chitra Tirunal Institute for Medical Sciences & Technology Biomedical Technology Wing Thiruvananthapuram - 695 012 Kerala	18.05	12
2033	Development of technologies for isolating tissue - engineering scaffolds from mammalian organs & tissues	DBT-R&D	Kumar,T.V.A., Dr. (M) Scientist D Sree Chitra Tirunal Institute for Medical Sciences & Technology Division of Pathophysiology Thiruvananthapuram - 695 012 Kerala	24.58	36
2034	Delineation of barrier thickness against water logged workings in underground coal mines	DOC-S&T	Singh,K.K.K., Dr. (M) Scientist Central Institute of Mining & Fuel Research Dhanbad - 826 004 Jharkhand	342.27	24

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
✓ 2035	Development & use of fly ash based pesticides	DOC-S&T	Jambulingam, P., Dr. (M) Deputy Director (SG) Vector Control Research Centre Puducherry - 605 006 Puducherry	51.53	36
2036	Development & use of fly ash based pesticides	DOC-S&T	Santhanam, S., Dr. (M) Chief CARD Neyveli Lignite Corporation Ltd. Neyveli - 608 803 Tamil Nadu	131.74	48 ✓
✓ 2037	Development & use of fly ash based pesticides	DOC-S&T	Narayanasamy, P., Dr. (M) Professor Annamalai University Annamalainagar - 608 002 Tamil Nadu	82.62	36
2038	High resolution seismic monitoring for early detection & of slope failures in opencast mines	DOC-S&T	Kumar, L.A., Dr. (M) Professor Anna University Chennai - 600 025 Tamil Nadu	124.30	36 ✓
2039	Hydrogeological studies for control of ground water for safe & economic mining of lignite deposits in Nagaur Dist. of Rajasthan	DOC-S&T	Rathore, L.S., Mr. (M) Group GM (Lignite) Rajasthan State Mines & Minerals Limited Jaipur - 302 005 Rajasthan	182.12	12 ✓
2040	Low cost input technology for re-vegetation of coal mine spoils in order to protect the environment	DOC-S&T	Roy, A.K., Dr. (M) Professor Tilka Manjhi Bhagalpur University Bhagalpur - 812 007 Bihar	19.88	36
2041	Model studies on gravity blind back filling method & evaluation of a pre-jamming indication parameter in the field	DOC-S&T	Pal, S.K., Dr. (M) Professor Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	395.18	36 ✓
2042	Survey & ecological conservation of NLC environmental through bio-remediation with tree species	DOC-S&T	Radhakrishnan, K.C., Mr. (M) Neyveli Lignite Corporation Ltd. Neyveli - 608 803 Tamil Nadu	25.30	36
✓ 2043	Survey & ecological conservation of NLC environmental through bio-remediation with tree species	DOC-S&T	Chandrashekhar, C.N., Dr. (M) Tamil Nadu Agricultural University Coimbatore - 641 003 Tamil Nadu	51.71	36
2044	A study of the effect of wake passing on turbine blade film cooling	DRDO-ARDB	Sarkar, S., Dr. (M) Indian Institute of Technology (K) Department of Propulsion Kanpur - 208 016 Uttar Pradesh	12.38	36
2045	Aerodynamic analysis of annular plug nozzles	DRDO-ARDB	Balakrishnan, N., Dr. (M) Indian Institute of Science Department of Aerodynamics Bengalooru - 560 012 Karnataka	10.41	24
2046	Analysis & modeling of surface quality in high speed milling of super alloys	DRDO-ARDB	Joshi, S.S., Dr. (M) Indian Institute of Technology (B) Department of Materials & Manufacturing Mumbai - 400 076 Maharashtra	31.65	36
2047	Axial fan performance evaluation & enhancement strategies under static & dynamics flow distortions	DRDO-ARDB	Pradeep, A.M., Dr. (M) Indian Institute of Technology (B) Department of Propulsion, Powai Mumbai - 400 076 Maharashtra	14.78	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
2048	Breakup & atomization of liquid jets issuing from non-circular orifices	DRDO-ARDB	Sivakumar,D., Dr. (M) Indian Institute of Science Department of Propulsion Bengalooru - 560 012 Karnataka	8.77	24
2049	Computational studies on regression rate enhancement in hybrid rocket motors	DRDO-ARDB	Kumar,A., Dr. (M) Indian Institute of Technology (M) Department of Propulsion Chennai - 600 036 Tamil Nadu	12.36	24
2050	Cure dependent materials & manufacturing characterisation of composite prepregs FEM modeling	DRDO-ARDB	Kishore,N.N., Dr. (M) Indian Institute of Technology (K) Department of Structure Kanpur - 208 016 Uttar Pradesh	4.84	36
2051	Cure dependent materials characterisation of composite prepregs: Experimental part	DRDO-ARDB	Shukla,M., Dr. (M) Motilal Nehru National Institute of Technology Department of Structure Allahabad - 211 004 Uttar Pradesh	13.90	36
2052	Design & development of an autonomous rotary wing micro air vehicle	DRDO-ARDB	Karunakaran,P., Dr. (M) Indian Institute of Technology (B) Department of Sigma, Powai Mumbai - 400 076 Maharashtra	9.20	12
2053	Design, development & performance evaluation of self-lubricated cutting tools for high speed machining	DRDO-ARDB	Senthivelan,S., Dr. (M) Indian Institute of Technology (G) Department of Materials & Manufacturing Guwahati - 781 039 Assam	14.01	36
2054	Development & characterisation of thin sandwiched structures using polymer foam	DRDO-ARDB	Ramkumar,J., Dr. (M) Indian Institute of Technology (K) Department of Structure Kanpur - 208 016 Uttar Pradesh	7.86	36
2055	Development of a phase conjugated tunable wafer-arrays for acoustic wave based structural health monitoring	DRDO-ARDB	Mahpatra,D.R., Dr. (M) Indian Institute of Science Department of Structure Bengalooru - 560 012 Karnataka	24.45	24
2056	Development of ice bonded abrasive polishing process	DRDO-ARDB	Babu,N.R., Dr. (M) Indian Institute of Technology (M) Department of Materials & Manufacturing Chennai - 600 036 Tamil Nadu	16.32	36
2057	Development of kerosene based endothermic fuel for scramjet engines	DRDO-ARDB	Kanan,R., Dr. (M) National Aeronautical Laboratory Department of Propulsion Bengalooru - 560 037 Karnataka	14.42	24
2058	Development of ultrasonic method for assuring reliability of components manufactured by diffusion bonding	DRDO-ARDB	Angelo,P.C., Dr. (M) P.S.G. College of Technology Department of Materials & Manufacturing Coimbatore - 641 004 Tamil Nadu	38.31	36
2059	Dynamic response of hybrid nano composite under impact loading	DRDO-ARDB	Velmurugan,R., Dr. (M) Indian Institute of Technology (M) Department of Structure Chennai - 600 036 Tamil Nadu	7.11	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2060	Dynamic shear strength of adhesively bonded interface through torsional split Hopkinson Bar	DRDO-ARDB	Kumar, P., Dr. (M) Indian Institute of Technology (K) Department of Structure Kanpur - 208 016 Uttar Pradesh	7.47	24
2061	Effect of ply drops on fatigue behaviour of composites by Verity technique	DRDO-ARDB	Paretkar, R.K., Dr. (M) Visvesvaraya National Institute of Technology Department of Structure Nagpur - 440 011 Maharashtra	7.40	24
2062	Enhancing material & manufacturing removal rate through control of valency (transition) in multivalent metal while electrochemical machining of metal alloys	DRDO-ARDB	Srivastava, P.K., Dr. (M) Birla Institute of Technology Department of Materials & Manufacturing Ranchi - 835 215 Jharkhand	9.67	36
2063	Experimental & CFD studies on base flows on blunted cones at hypersonic Mach numbers	DRDO-ARDB	Vasudevan, B., Dr. (M) Indian Institute of Science Department of Aerodynamics Bengalooru - 560 012 Karnataka	9.76	24
2064	Experimental studies on pitch up problem associated with computed delta wings of combat aircraft configuration	DRDO-ARDB	Ahmed, S., Dr. (M) National Aeronautical Laboratory Department of Aerodynamics Bengalooru - 560 037 Karnataka	9.20	18
2065	Experimental studies on twin jet after body nozzle system of combat aircraft configuration	DRDO-ARDB	Mathur, N.B., Dr. (M) National Aeronautical Laboratory Department of Aerodynamics Bengalooru - 560 037 Karnataka	8.64	18
2066	Exploratory studies on magnetic pulse welding of tubes	DRDO-ARDB	Date, P.P., Dr. (M) Indian Institute of Technology (B) Department of Materials & Manufacturing Mumbai - 400 076 Maharashtra	44.50	36
2067	Flexible EMI shielding material & manufacturing from conductive rubber based composites	DRDO-ARDB	Khastgir, D., Dr. (M) Indian Institute of Technology (Kh) Department of Materials & Manufacturing Kharagpur - 721 302 West Bengal	14.08	36
2068	Fretting & HCF behaviour of blade disc dovetail root-joints of fan module of gas turbine engines	DRDO-ARDB	Suresh, R.V., Dr. (M) R.V. College of Engineering Department of Propulsion Bengalooru - 560 059 Karnataka	8.68	24
2069	Implementing high performance adaptive filter DSP algorithms on FPGA for active vibration control	DRDO-ARDB	Prakash, S., Dr. (F) National Aeronautical Laboratory Department of Structure Bengalooru - 560 037 Karnataka	21.41	24
2070	Improving mechanical properties of titanium alloys by severe plastic deformation	DRDO-ARDB	Ramaswamy, V., Dr. (M) P.S.G. College of Technology Department of Materials & Manufacturing Coimbatore - 641 004 Tamil Nadu	20.12	30
2071	Low temperature effect on behaviour of epoxy resin & PEEK	DRDO-ARDB	Srivastava, A.K., Dr. (M) Birla Institute of Technology Department of Structure, Mesra Ranchi - 835 215 Jharkhand	10.00	24

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2072	Modeling & development of multiphase micro structured damping layers for broad band vibration damping in flexible links	DRDO-ARDB	Bhattacharya, B., Dr. (M) Indian Institute of Technology (K) Department of Structure Kanpur - 208 016 Uttar Pradesh	8.08	36
2073	Natural Laminar Flow (NLF) wing analysis & design	DRDO-ARDB	Sengupta, T.K., Dr. (M) Indian Institute of Technology (K) Department of Aerodynamics Kanpur - 208 016 Uttar Pradesh	22.51	24
2074	Performance evaluation of carbon nano tube coated carbon fibre reinforced carbon composites for structural application	DRDO-ARDB	Kar, K., Dr. (M) Indian Institute of Technology (K) Department of Materials & Manufacturing Kanpur - 208 016 Uttar Pradesh	24.36	36
2075	Shock tunnel investigation on the effect of concentrated electrical energy deposition on the hypersonic blunt body flow field	DRDO-ARDB	Jagdeesh, G., Dr. (M) Indian Institute of Science Department of Aerodynamics Bengaluru - 560 012 Karnataka	8.76	24
2076	Studies of Eppler 61 airfoil with gurney flaps at low Reynolds numbers	DRDO-ARDB	Ahmed, S., Dr. (M) National Aeronautical Laboratory Department of Aerodynamics Bengaluru - 560 037 Karnataka	8.91	18
2077	Tunable Diode Laser Absorption Spectroscopy (TDLAS) for measurement of temperature pattern factor in gas turbine combustor	DRDO-ARDB	Muruganandam, T.M., Dr. (M) Indian Institute of Technology (M) Department of Propulsion Chennai - 600 036 Tamil Nadu	20.70	24
2078	Ultrasonically assisted turning of aviation materials & manufacturing: Development of facility & investigation for surface finish improvement & induction of cutting force	DRDO-ARDB	Sahoo, S.K., Dr. (M) National Institute of Technology (Rourkela) Department of Materials & Manufacturing Rourkela - 769 008 Orissa	22.59	36
2079	Uncertainty quantification & robust design in helicopter aero elasticity	DRDO-ARDB	Ganguly, R., Dr. (M) Indian Institute of Science Department of Structure Bengaluru - 560 012 Karnataka	8.90	36
2080	A Non-linear Control Approach & its Experimental Validation for Hydraulic Servo - Actuator Systems	DRDO-GIA	Sanyal, D., Dr. (M) Professor Jadavpur University Department of Mechanical Engineering Kolkata - 700 032 West Bengal	13.99	36
2081	A study on the GPS Location Based Mobile Emergency Services	DRDO-GIA	Rao, K.D., Prof. (M) Osmania University Hyderabad - 500 007 Andhra Pradesh	4.88	12
2082	Achiral Liquid Crystals Exhibiting Ferroelectric	DRDO-GIA	Kumar, N.S., Dr. (M) Senior Lecturer Bannari Amman Institute of Technology Erode - 638 401 Tamil Nadu	3.99	12
2083	Atlas Based Automated Segmentation of MR Images of Sub-Cortical Gray Matters & Neuromorphometric Analysis	DRDO-GIA	Kar, A., Dr. (M) Professor Jadavpur University Dept. of Computer Science & Engg. Kolkata - 700 032 West Bengal	20.00	24

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2084	Competency Mapping for Leading Technical Institute to Assist the Strategic Sourcing of Talent & for Quality Improvement	DRDO-GIA	Guptha, C.K.N., Mr. (M) Senior Lecturer R.V. College of Engineering Department of Civil Engineering Bengalooru - 560 059 Karnataka	4.91	9
2085	Cost Estimation Based on Reliability Maintainability & Availability by Simulation (CERMAS)	DRDO-GIA	Kumar, T.V.S., Dr. (M) Professor & Head M.S. Ramaiah Institute of Technology Department of M.C.A. Bengalooru - 560 005 Karnataka	14.36	24
2086	Design & Development of Machining Technique for Al - Metal Matrix Composite & Hard Metallic Materials	DRDO-GIA	Prodhan, A., Mr. (M) Scientist E II National Metallurgical Laboratory Jamshedpur - 831 007 Jharkhand	9.24	12
2087	Development & Characterization of Nano Structured Thin Film for Si/Si Ge Quantum Well Infraed Photodetector (QWIP) & Ferroelectric based Fas/Chemical Sensors	DRDO-GIA	Ray, S.K., Dr. (M) Professor Indian Institute of Technology (Kh) Department of Metall. & Mater Kharagpur - 721 302 West Bengal	201.80	36
2088	Development of an Autonomous Micro Air Vehicle	DRDO-GIA	Shankapal, S.R., Dr. (M) Director M.S.R. School of Advanced Studies Bengalooru - 560 054 Karnataka	13.65	12
2089	Development of Database of Information Sources in Defence Technology	DRDO-GIA	Tiwari, R.K., Mr. (M) Head Birla Institute of Management Technology Greater Noida - 201 306 Uttar Pradesh	4.97	12
2090	Development of High Efficiency Organic Light Emitting Diodes Based on Novel Electro - Phosphorescent Materials	DRDO-GIA	Saxena, K., Dr. (F) Assistant Professor Amity University AIARS Materials & Devices Noida - 201 303 Uttar Pradesh	14.49	24
2091	Development of High Temperature Oxidation Resistant Tungsten Based Bulk Refractory Alloys through Mechanical Alloying Route	DRDO-GIA	Pabi, S.K., Prof. (M) Indian Institute of Technology (Kh) Dept. of Metallurgical & Materials Engg. Kharagpur - 721 302 West Bengal	27.30	36
2092	Development of Metal Impregnated Activated Carbon Fibres (ACFs) for Control of Chemical Warfare Agents (CWAs)	DRDO-GIA	Verma, N., Dr. (M) Associate Professor Indian Institute of Technology (K) Department of Chemical Engineering Kanpur - 208 016 Uttar Pradesh	79.74	36
2093	Development of Miniature J - Band Transmitter	DRDO-GIA	Joshi, L.M., Dr. (M) Scientist F Central Electronics Engineering Research Institute Pilani - 333 031 Rajasthan	249.54	36
2094	Dynamic Characterization of Model Gas Combustors for early Detection of Thermoacoustic Instability & Lean Blow-out	DRDO-GIA	Mukhopadhyay, A., Dr. (M) Reader Jadavpur University Department of Mechanical Engineering Kolkata - 700 032 West Bengal	14.95	36
2095	Effect of Alloying Elements on Physical & Mechanical Properties of Nb - based Silicates	DRDO-GIA	Paul, A., Dr. (M) Assistant Professor Indian Institute of Science Department of Material Engineering Bengalooru - 560 012 Karnataka	37.05	36
2096	Effect of Rare Earth Elements on Isothermal & Cyclic Oxidation Behaviour of Niobium & Molybdenum Silicide Based Alloys	DRDO-GIA	Mitra, R., Dr. (M) Associate Professor Indian Institute of Technology (Kh) Dept. of Metallurgical & Material Engg. Kharagpur - 721 302 West Bengal	14.31	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2097	Experimental Studies of Liquid Fuel Combustion using Chemiluminescence Sensor	DRDO-GIA	Mishra,D.P., Dr. (M) Assistant Professor Indian Institute of Technology (K) Department of Aerospace Engineering Kanpur - 208 016 Uttar Pradesh	22.40	36
2098	Feasibility Study on Frictionless, Noise Free & Escape Energy Free Stealth Worthy Under Water Weapon Launcher Based on the Levitation Principle Through Simulation & Modeling	DRDO-GIA	Pandey,M.K., Mr. (M) Lecturer RJIT - B.S.F. Academy Gwalior - 475 005 Madhya Pradesh	5.00	12
2099	Four Quadrant Operation of Switched Reluctance Motor with a Single Controllable Switch	DRDO-GIA	Raghavan,V.S., Dr. (M) Professor & Head National Engineering College Dept. of Electrical & Electronics Engg. Kovilpatti - 628 503 Tamil Nadu	9.45	36
2100	High Power Laser Propagation Through Atmosphere	DRDO-GIA	Sharma,A.K., Dr. (M) S.S.O. Grade I Indian Institute of Technology (D) Centre for Energy Studies New Delhi - 110 016 Delhi	14.57	36
2101	Indigenous Development of Polymer & Blended Nano Fibres/Fabrics of Defence & Medical Applications	DRDO-GIA	Rajendran,V., Dr. (M) Director K.S.Rangasamy College of Technology Tiruchengode - 637 209 Tamil Nadu	9.72	24
2102	Influence of Modification of Modification of Nanotubes & Nanofiber on the Structure & Properties of EVA based Nano Composites	DRDO-GIA	Bhowmick,A.K., Prof. (M) Indian Institute of Technology (Kh) Rubber Technology Centre Kharagpur - 721 302 West Bengal	4.24	12
2103	Insilico analysis of Rheumatic Arthritis Disease	DRDO-GIA	Ramesh,K.B., Prof. (M) Assistant Professor R.V. College of Engineering Department of Instrumentation Technology Bengalooru - 560 059 Karnataka	4.85	9
2104	Mathemataical Initiatives at the IISc Bangalore, Bangalore	DRDO-GIA	Rajan,G.R., Prof. (M) Indian Institute of Science Department of Mathematics Bengalooru - 560 012 Karnataka	44.06	36
2105	Measurement of Heat Transfer Coefficient during Solidification	DRDO-GIA	Prabhu,K.N., Dr. (M) Assistant Professor National Institute of Technology (Karnataka) Dept. of Metallurgical & Material Engg. Surathkal - 575 025 Karnataka	15.00	36
2106	MEL - DCT Filter Bank for Renyi's Entropy Estimation Used in Voice Activity Detection for Voice Over Internal Protocol	DRDO-GIA	Muralishankar,R., Dr. (M) Professor P.E.S. Institute of Technology P.E.S. Centre for Intelligent Systems Bengalooru - 560 085 Karnataka	4.52	1
2107	Modeling Bullwhip Effect for an N-stage Efficient Supply Chain Network	DRDO-GIA	Subramanya,K.N., Mr. (M) Assistant Professor R.V. College of Engineering Dept. of Industrial Engg. & Management Bengalooru - 560 059 Karnataka	4.88	8
2108	Modeling of Nanoscale Avalanche Transit Time Devices for Power Generation in THz Range of Frequencies	DRDO-GIA	Mazumdar,N., Dr. (M) Professor International Institute of Information Technology Kolkata - 700 091 West Bengal	14.98	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2109	Mono Dispersed Colloidal & Cocoon Shaped Nano Silica Particles for Abrasive Applications	DRDO-GIA	Umarani, C., Dr. (F) Professor K.S.Rangasamy College of Technology Tiruchengode - 637 215 Tamil Nadu	4.98	12
2110	MOSFET Modeling & Parameter Extraction	DRDO-GIA	Maiti, C.K., Prof. (M) Indian Institute of Technology (Kh) Department of Electronics & ECE Kharagpur - 721 302 West Bengal	56.60	36
2111	On the development of software Reliability Growth Modelling Using Stochastic Differential Equations	DRDO-GIA	Kapur, P.K., Dr. (M) Professor Delhi University Delhi - 110 007 Delhi	4.99	9
2112	Semiconductor Mediated Photocatalytic Degradation of Toxic Complex Organic Substance	DRDO-GIA	Madhu, G.M., Mr. (M) Lecturer R.V. College of Engineering Department of Instrumentation Technology Bengaluru - 560 059 Karnataka	4.97	9
2113	Studies on the Effect of Thermal Bumps in Hypersonic Boundary Layers	DRDO-GIA	Jagadeesh, G., Prof. (M) Associate Professor Indian Institute of Science Department of Aerospace Engineering Bengaluru - 560 012 Karnataka	86.00	36
2114	Studies on the Growth & Yield of Maize Crop Applied with Different Combination of Nano Size	DRDO-GIA	Kannan, N., Dr. (M) Director K.S.Rangasamy College of Technology Tiruchengode - 637 215 Tamil Nadu	4.97	12
2115	Study of the Influence of the Carbon Nanotubes on the Memory & Electro-Optic Switching Behaviour of Ferro-Electric Liquid Crystals	DRDO-GIA	Raina, K.K., Prof. (M) Thapar University School of Physics & Material Science Patiala - 147 004 Punjab	13.48	24
2116	Study on Mathematical Modeling of Body/Dynamics of Flatfish Shaped Body in different Media to Define Maneuverability Factors	DRDO-GIA	Awasthi, A., Mr. (M) Lecturer RJIT - B.S.F. Academy Gwalior - 475 005 Madhya Pradesh	4.95	12
2117	To develop & Characterize Iron - Phosphorous Based Alloys by Powder Forging	DRDO-GIA	Misra, P.S., Dr. (M) Professor Indian Institute of Technology (R) Dept. of Metallurgical & Materials Engg. Roorkee - 247 667 Uttarakhand	43.80	36
2118	Understanding Combustion Through Simple Experiments & Analyses	DRDO-GIA	Paul, P.J., Prof. (M) Indian Institute of Science Department of Aerospace Engineering Bengaluru - 560 012 Karnataka	9.83	12
2119	Use of Crumb Rubber in Cement Stabilized Soil Blocks	DRDO-GIA	Prakash, P., Mr. (M) Lecturer R.V. College of Engineering Department of Civil Engineering Bengaluru - 560 059 Karnataka	4.87	9
2120	Accelerated testing for long-term durability of Polyurethane (PU) foam cored Glass Fiber Reinforced Polymer (GFRP) Sandwich panels for Naval structural applications	DRDO-NRB	Raj, M.A., Prof. (M) R.V. College of Engineering Department of Chemical Engineering Bengaluru - 560 059 Karnataka	9.60	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2121	Accelerated testing for long-term durability of Polyurethane (PU) foam cored Glass Fiber Reinforced Polymer (GFRP) Sandwich panels for Naval structural applications*	DRDO-NRB	Rao,V., Dr. (F) Mangalore University Department of M.S. Mangalore - 574 199 Karnataka	16.08	24
2122	Analysis of Polymer Film coatings & causes for drag reduction for underwater bodies	DRDO-NRB	Madhu,G.M., Prof. (M) R.V. College of Engineering Department of Chemical Engineering Bengalooru - 560 059 Karnataka	10.60	24
2123	Design of block layered space time codes	DRDO-NRB	Aggarwal,M., Dr. (F) Indian Institute of Technology (D) Centre for Applied Res. in Electronics New Delhi - 110 016 Delhi	17.21	36
2124	Design synthesis & physico-chemical characterization studies of isotropic & anisotropic media for enabling high permittivity applications	DRDO-NRB	Rao,N.V.S., Dr. (M) Assam University Department of Chemistry Silchar - 788 011 Assam	15.83	36
2125	Design synthesis & physico-chemical characterization studies of isotropic & anisotropic media for enabling high permittivity applications	DRDO-NRB	Madhurima,V., Dr. (F) Mizoram University Department of Physics Aizawl - 796 009 Mizoram	25.32	36
2126	Development & realisation of real time signal processing tools for GPS Measurements in Naval applications	DRDO-NRB	Pandey,M., Mr. (M) Lecturer Rustamji Institute of Technology Dept. of CSE, BSF Academy Gwalior - 475 005 Madhya Pradesh	2.88	24
2127	Development of Lead-Fress piezoelectric materials for sensors & actuators	DRDO-NRB	Subramanian,V., Prof. (M) Indian Institute of Technology (M) Department of Physics Chennai - 600 036 Tamil Nadu	34.99	24
2128	Effect of Retrogression & Re-Aging (RRA) parameters on Mechanical & Stress Corrosion properties of 7010 Alloy	DRDO-NRB	Paretkar,R.K., Prof. (M) Visvesvaraya National Institute of Technology Department of M.M.E. Nagpur - 440 011 Maharashtra	27.62	24
2129	Friction stir welding of dissimilar metals	DRDO-NRB	Ananathapadmanaban,D., Prof. (M) St. Joseph's College of Engineering Department of Mechanical Engineering Chennai - 600 119 Tamil Nadu	11.79	24
2130	Hot corrosion behaviour of rare-earth stabilized Zirconia for thermal barrier applications	DRDO-NRB	Gandhi,A.S., Prof. (M) Indian Institute of Technology (M) Department of M.M.E. Chennai - 600 036 Tamil Nadu	27.31	24
2131	Hydro elastic analysis of floating & submerged flexible structures	DRDO-NRB	Sahoo,T., Prof. (M) Indian Institute of Technology (Kh) Dept. of Ocean Eng. & Naval Architect Kharagpur - 721 302 West Bengal	18.05	36
2132	Improvement of mechanical properties of Al-Mg-Si (AA 6061) by friction stir process	DRDO-NRB	Ramanaiah,N., Dr. (M) Andhra University AU College of Engineering Visakhapatnam - 530 003 Andhra Pradesh	15.00	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
2133	Inhibitor formulation to combat corrosion & fouling of Ship seawater cooling systems	DRDO-NRB	Rao,B.P.A., Prof. (M) National Institute of Technology (Warangal) Department of Chemistry Warangal - 506 004 Andhra Pradesh	9.88	24
2134	Innovative approaches for improving the Hot/Wet performance of Bismaleimide/Carbon fibre composite	DRDO-NRB	Raj,M.A., Prof. (M) R.V. College of Engineering Department of Chemical Engineering Bengalooru - 560 059 Karnataka	10.56	24
2135	Innovative approaches for improving the Hot/Wet performance of Bismaleimide/Carbon fibre composite*	DRDO-NRB	Sherigara,B.S., Dr. (M) Vice Chancellor Kuvempu University Shimoga - 577 451 Karnataka	11.58	24
2136	Microbial Biosensors for some heavy metal ions	DRDO-NRB	Mittal,S., Prof. (M) Thapar University Dept. of Chemistry & Bio-Chemistry Patiala - 147 004 Punjab	19.93	36
2137	National Programme in Marine Hydrodynamics at IIT Kharagpur	DRDO-NRB	Sen,D., Prof. (M) Indian Institute of Technology (Kh) Department of Ocean Engineering Kharagpur - 721 302 West Bengal	255.00	60
2138	National Programme in Marine Hydrodynamics at IIT Madras	DRDO-NRB	Idichandy,V.G., Prof. (M) Indian Institute of Technology (M) Department of Ocean Engineering Chennai - 600 036 Tamil Nadu	450.00	60
2139	Numerical simulation of hull-propeller interaction for underwater vehicle with mounted propellers	DRDO-NRB	Roychowdhury,D.G., Dr. (M) Dean (Mech. Sc.) Hindustan College of Engineering Department of Automobile Engineering Kanchipuram - 603 103 Tamil Nadu	17.73	36
2140	Performance of polymers (LDPE - Low Density Polyethylene, HDPE - High Density Polyethylene, PP - Poly Propylene, PU - Polyurethane & PC - Polycarbonate) in marine environment	DRDO-NRB	Venkatesan,R., Dr. (M) Group Head National Institute of Ocean Technology Ocean Sc. & Tech. for Islands Chennai - 600 100 Tamil Nadu	16.82	24
2141	Performance of polymers (LDPE - Low Density Polyethylene, HDPE - High Density Polyethylene, PP - Poly Propylene, PU - Polyurethane & PC-Polycarbonate) in Marine environment*	DRDO-NRB	Doble,M., Prof. (M) Indian Institute of Technology (M) Department of Biotechnology Chennai - 600 036 Tamil Nadu	17.76	24
2142	Role of interlayers in dissimilar materials joining by solid state welding processes	DRDO-NRB	Ashfaq,M., Mr. (M) Lecturer National Institute of Technology (Tiruchirappalli) Department of M.M.E. Tiruchirappalli - 620 015 Tamil Nadu	15.68	24
2143	Studies on corrosion behaviour of a Nickel-based super alloy for application as fasteners in marine environment	DRDO-NRB	Mohan,M.K., Prof. (M) National Institute of Technology (Warangal) Department of M.M.E. Warangal - 506 004 Andhra Pradesh	18.80	24
2144	Study of automation in Maneuvering/Control of Ships	DRDO-NRB	Selvam,R.P., Dr. (M) Indian Institute of Technology (M) Department of Ocean Engineering Chennai - 600 036 Tamil Nadu	13.38	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
2145	Study on non-linear effects of free surface waves on fixed & floating marine structures/vehicles	DRDO-NRB	Krishnankutty,P., Dr. (M) Indian Institute of Technology (M) Department of Ocean Engineering Chennai - 600 036 Tamil Nadu	18.17	36
2146	Synthetic Jet for propulsion & maneuvering of underwater vehicles	DRDO-NRB	Saha,A.K., Dr. (M) Indian Institute of Technology (K) Department of Mechanical Engineering Kanpur - 208 016 Uttar Pradesh	26.66	24
2147	Understanding the adhesion mechanism, quantification of adhesion strength & characterization of the adhesives of Barnacles	DRDO-NRB	Doble,M., Prof. (M) Indian Institute of Technology (M) Department of Biotechnology Chennai - 600 036 Tamil Nadu	28.80	24
2148	Understanding the adhesion mechanism, quantification of adhesion strength & characterization of the adhesives of Barnacles*	DRDO-NRB	Venkatesan,R., Dr. (M) Scientist National Institute of Ocean Technology Ocean Sc.& Tech. for Islands Chennai - 600 100 Tamil Nadu	13.73	24
2149	Development of 90 kw brushless eddy current clutch gear unit for radiator cooling fans in diesel electric locomotives of the Indian railways	DSIR-TDDP	Director, The Eddy Current Controls (I) Limited Chalakudy - 680 307 Kerala	27.50	12
2150	Development of pilot plant trials towards commercialisation of two products namely: (I) A pentapeptide with a natural triterpenoid conjugate (II) extraction of pterostilbene from pterocarpusmarsupium & conversion to resveratrol	DSIR-TDDP	Director, The Sami Labs Limited 19/1 & 2, .1st Main Phase, Peenya Industrial Area Bengalooru - 560 058 Karnataka	75.00	12
2151	Advanc techniques for Remote Sensing image processing & recognition	DST-ID	Director, The Indian Institute of Technology (B) Mumbai - 400 076 Maharashtra	69.56	36
2152	Advanc techniques for Remote Sensing image processing & recognition	DST-ID	Director, The Indian Statistical Institute Kolkata - 700 108 West Bengal	69.56	36
2153	Algorithm & complexity	DST-ID	Kavitha,T., Dr. (F) Indian Institute of Science Department of Computer & Automation Bengalooru - 560 012 Karnataka	28.80	36
2154	Computational Aeroelectricity	DST-ID	Upadhyay,A.R., Dr. (M) Director National Aerospace Laboratories Bengalooru - 560 017 Karnataka	5.46	36
2155	Conjugated polycations: Synthesis & device testing	DST-ID	Jacob,J., Dr. (M) Assistant Professor Indian Institute of Technology (D) Centre for Polymer Science & Engineering New Delhi - 110 016 Delhi	21.50	36
2156	Control & Synchronization of chaotic electronic circuits	DST-ID	Dama,S.K., Dr. (M) Scientist E II Indian Institute of Chemical Biology Instrument Division Kolkata - 700 032 West Bengal	7.46	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
2157	Creative Design System based on Physical Law knowledge & biomimetic Database	DST-ID	Chakrabarti,A., Dr. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	2.46	24
2158	Decision support for highway maintenance Managements	DST-ID	Veeraragavan,A., Dr. (M) Indian Institute of Technology (M) Chennai - 600 036 Tamil Nadu	4.81	24
2159	Developing Biosensors using Photoexcitable membranes	DST-ID	Misra,A.N., Prof. (M) Fakir Mohan University Dept. of Biosciences & Biotechnology Balasore - 756 019 Orissa	5.15	36
2160	Distributed Software Engineering	DST-ID	Shyamasunder,R.K., Prof. (M) Tata Institute of Fundamental Research Mumbai - 400 005 Maharashtra	144.00	36
2161	Establishment of Global Innovation & Technology Alliance (GITA)	DST-ID	Director, The Confederation of Indian Industries 23 Institutional Area, Lodi Road New Delhi - 110 003 Delhi	50.00	24
2162	Flow field investigation of an axial flow pump under near stall & stall conditions	DST-ID	Gandhi,B.K., Dr. (M) Associate Professor Indian Institute of Technology (R) Roorkee - 247 667 Uttarakhand	4.54	24
2163	Investigation of conductive helical materials for technology applications	DST-ID	Kumar,D., Dr. (M) Delhi College of Engineering Delhi - 110 042 Delhi	4.20	24
2164	Phase change material based thermal storage system for solar air heating applications	DST-ID	Velraj,R., Dr. (M) Assistant Professor Anna University Department of Mechanical Engineering Chennai - 600 025 Tamil Nadu	7.57	24
2165	SeNecom: Secure Network Communications	DST-ID	Thangaraj,A., Dr. (M) Assistant Professor Indian Institute of Technology (M) Chennai - 600 036 Tamil Nadu	1.87	24
2166	Simulation & prediction of black outs in power systems	DST-ID	Bhatt,S., Dr. (M) Visvesvaraya National Institute of Technology Nagpur - 440 011 Maharashtra	2.52	24
2167	The enviornmental impact of coal mines closure & ecological rehabilitation of mining area of India & Romania	DST-ID	Das,S.K., Dr. (M) Associate Professor Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	5.18	24
2168	Web optimization by data mining in browser event stream data	DST-ID	Vyas,O.P., Dr. (M) Professor Pt. Ravishankar Shukla University Raipur - 492 010 Madhya Pradesh	7.57	24
2169	Design & development of clamping devices for testing tensile properties of high strength technical textile fabrics	DST-IDP	Sudam,A., Dr. (M) Synthetic & Art Silk Mills Research Association (SASMIRA) Mumbai - 400 030 Maharashtra	17.32	24
2170	Design & development of computer aided digital fineness tester for cotton & wool	DST-IDP	Gowda,R.V.M., Dr. (M) Bannari Amman Institute of Technology Erode - 638 401 Tamil Nadu	9.41	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
2171	Design & Development of controlled melting & freezing system for preparation of ultra pure crystalline materials for optoelectronics	DST-IDP	Mani,V.N., Dr. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	28.40	36
2172	Design & development of tensile creep apparatus for Geotextile testing	DST-IDP	Hira,M.A., Mrs. (F) Synthetic & Art Silk Mills Research Association (SASMIRA) Mumbai - 400 030 Maharashtra	19.96	24
2173	Development & limited scale supply of CO & CH4 sensors for market survey	DST-IDP	Sen,A., Dr. (M) Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	22.24	18
2174	Development of a fluorescence based biosensor for detection of Iron	DST-IDP	Chincholkar,S.B., Prof. (M) North Maharashtra University School of Life Science Jalgaon - 425 001 Maharashtra	15.62	24
2175	Development of an instrument for measurement of opening force of Fibrous Assemblies	DST-IDP	Chattopadhyay,R., Prof. (M) Indian Institute of Technology (D) Department of Textile Technology New Delhi - 110 016 Delhi	18.81	24
2176	Development of Gas Sensor Arrey for Electronic Nose	DST-IDP	Bhatnagar,M.C., Dr. (M) Indian Institute of Technology (D) Department of Physics New Delhi - 110 016 Delhi	19.01	24
2177	Development of holographic biosensor for detection of uric acid	DST-IDP	Palanisamy,P.K., Dr. (M) Anna University Chennai - 600 025 Tamil Nadu	15.69	24
2178	Development of Impedance Analyzer suitable for electrochemical, semiconductor devices & biological objects impedance measurement	DST-IDP	Nagaraju,J., Dr. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	25.84	24
2179	Development of improved non-electronic soil analytical kit supplemented with soil health card & fertilizer recommendations - Phase - II	DST-IDP	Bhaduauria,S., Dr. (F) Raja Balwant Singh College Agra - 282 002 Uttar Pradesh	22.44	24
2180	Development of maniatute chemical gqs sensor based on carbon polymer nano-composites	DST-IDP	Vishnubhotla,P., Dr. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	14.76	24
2181	Development of novel plasma reactor for production of Nano Alumina for various industrial applications	DST-IDP	Panda,B.K., Dr. (M) Director Dalmia Institute of Scientific & Industrial Research Rajgangpur - 770 017 Orissa	25.47	36
2182	Development of Pollution Level Monitoring System for Textile Industry	DST-IDP	Raghuram,V., Dr. (M) Indian Institute of Technology (K) Department of Mechanical Engineering Kanpur - 208 016 Uttar Pradesh	6.28	24
2183	Development of RTOS based electronic nose	DST-IDP	Balag,R.J.B., Dr. (M) Shanmugha Arts, Science, Technology & Research Academy School of E.E.E. Thanjavur - 613 402 Tamil Nadu	20.31	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2184	Development of Ultrasound assisted Optical System for screening of Breast Cancer	DST-IDP	Rajan,K., Dr. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	23.52	24
2185	Feasibility of a low cost & portable pathogenic bacteria & toxin detector using porous silicon microelectrode	DST-IDP	Pramanik,C.R.C., Dr. (M) Bengal Engineering & Science University Howrah - 711 103 West Bengal	21.30	36
2186	Instrument for generating atmospheric pressure uniform glow discharge plasma suitable for applications textile	DST-IDP	Agarwal,A.K., Dr. (M) Indian Institute of Technology (D) New Delhi - 110 016 Delhi	33.54	36
2187	Moisture evaluation with Microcontroller based instrument for measuring trace moisture present in Transformer oil	DST-IDP	Sengupta,K., Dr. (M) Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	29.76	36
2188	Upscaling of lab model CA cold storage system to pilot model for increasing the shelf life of apples	DST-IDP	Sinha,S.K., Dr. (M) National Research & Technology Consortium Parwanoo - 173 220 Himachal Pradesh	25.93	24
2189	Establishment of Indo-US Centre of Research Excellence in Science & Engineering, India & Indo-US Science & Technology Forum (IUSTF)	DST-IRHPA	Director, The Indo-US Science & Technology Forum New Delhi - 110 001 Delhi	1650.00	24
2190	In-situ synthesis of Liposomes & Vesicles in microfluidic devices for bio-medical application	DST-IRHPA	Khakkar,D., Dr. (M) Indian Institute of Technology (B) Department of Chemical Engineering Mumbai - 400 076 Maharashtra	425.20	60
2191	Investigation into mechanical micro machining of metals & non-metals	DST-IRHPA	Shanmugham,M.S., Prof. (M) Indian Institute of Technology (M) Department of Mechanical Engineering Chennai - 600 036 Tamil Nadu	353.35	60
2192	Mesostructured functional thin films & interfaces of soft materials	DST-IRHPA	Sharma,A., Dr. (M) Indian Institute of Technology (K) Department of Chemical Engineering Kanpur - 208 016 Uttar Pradesh	483.58	60
2193	National Facility of Texture & OIM (Orientation Imaging Microscopy) - Extending to 3-d OIM & stress plots	DST-IRHPA	Samajdar,I., Dr. (M) Indian Institute of Technology (B) Dept. of Metallurgical & Materials Science Mumbai - 400 076 Maharashtra	643.00	60
2194	Setting up of ST Radar System at ARIES, Nainital	DST-IRHPA	Sagar,R., Prof. (M) Aryabhatta Research Institute of Observational Sciences Nainital - 263 129 Uttarakhand	1353.00	60
2195	Establishment of Steel Technology at IIT, Kharagpur	DST-JTP	Director, The Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	405.00	60
2196	Establishment of Technical Resource at SUPRATIVA, Cuttack	DST-JTP	Mahapatra,B., Dr. (M) SUPRATIVA Cuttack - 753 005 Orissa	19.15	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (In Months)
2197	Establishment of Technical Resource Centre at Action Research for SE Development, Patangarh, Distt. Bolangir, Orissa	DST-JTP	Raut, R., Dr. (M) Centre at Action Research for SE Development Patangarh - 767 025 Orissa	18.60	36
2198	Establishment of Technical Resource Centre at Sambalpur University, Orissa	DST-JTP	Misra, P.C., Dr. (M) Sambalpur University Burla - 768 019 Orissa	24.15	36
2199	Synthesis & experimental validation of nonlinear control laws for underactuated systems	DST-SERC-FT	Mahindrakar, A.D., Dr. (M) Indian Institute of Technology (M) Department of Electrical Engineering Chennai - 600 036 Tamil Nadu	8.40	36
2200	A system Biology Approach in understating the Mobility of Micro -organisms in Controlled Nutritional Stimuli in Microfluidic Device	DST-SERC-EP	Tirumkudulu, M.S., Prof. (M) Indian Institute of Technology (B) Department of Chemical Engineering Mumbai - 400 076 Maharashtra	37.03	36
2201	Active Vibration Control of a Rotor - Shaft System	DST-SERC-EP	Dutt, J.K., Dr. (M) Indian Institute of Technology (D) Department of Mechanical Engineering New Delhi - 110 016 Delhi	30.00	36
2202	Algorithms for Performance Optimization in Wireless Networks	DST-SERC-EP	Bhatnagar, S., Dr. (M) Indian Institute of Science Department of Computer Science & Automation Bengaluru - 560 012 Karnataka	14.75	36
2203	Analysis of Asymmetrical Manual Lifting Tasks to determine maximum recommended weight limited by Indian male workers	DST-SERC-EP	Batish, A., Dr. (M) Thapar University Department of Mechanical Engineering Patiala - 147 004 Punjab	22.15	36
2204	Aqueous Nitriding of Steels by Electrolyte Plasma: Kinetics, Design & Scale up	DST-SERC-EP	Shekhar, R., Dr. (M) Indian Institute of Technology (K) Dept. of Materials & Metallurgical Engg. Kanpur - 208 016 Uttar Pradesh	18.27	36
2205	Architectural Techniques for Process Variation Aware Designs	DST-SERC-EP	Mulayam, M., Dr. (F) International Institute of Information Technology Hyderabad - 500 032 Andhra Pradesh	20.72	36
2206	Assessment of Electric Power Quality in Distribution Network	DST-SERC-EP	Panigrahi, B.K., Dr. (M) Indian Institute of Technology (D) Department of Electrical Engineering New Delhi - 110 016 Delhi	27.38	36
2207	Behaviour of Slender Reinforced Concrete Beams	DST-SERC-EP	Menon, D., Dr. (M) Indian Institute of Technology (M) Department of Civil Engineering Chennai - 600 036 Tamil Nadu	12.80	36
2208	Behaviour of Steel Tubular Sections In - Filled with concrete using Waste Materials	DST-SERC-EP	Malathy, R., Dr. (F) Kongu Engineering College Dept. of Civil Engineering & Research Erode - 638 052 Tamil Nadu	15.68	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2209	Corrosion Monitoring of Girders using Wave Propagation Techniques & Smart Materials	DST-SERC-EP	Mukherjee, A., Dr. (M) Thapar University Department of Civil Engineering Patiala - 147 004 Punjab	22.98	36
2210	Design & Development of Digital Controllers for DC-DC Conversion Systems supplied from Non-linear Energy Sources	DST-SERC-EP	Veerachary, M., Dr. (M) Indian Institute of Technology (D) Department of Electrical Engineering New Delhi - 110 016 Delhi	37.98	36
2211	Demonstration of Micro - Hydel Power Plants in Hilly Areas of Karnataka	DST-SERC-EP	Shivakumar, A.R., Mr. (M) Karnataka State Council for Science & Technology Bengalooru - 560 012 Karnataka	14.29	36
2212	Design & Development of an ecoskeleton robot for human hand support & rehabilitation	DST-SERC-EP	Dutta, A., Dr. (M) Indian Institute of Technology (K) Department of Mechanical Engineering Kanpur - 208 016 Uttar Pradesh	23.14	36
2213	Design development & fabrication of a CVD set up for diamond coatings on cemented carbide cutting tool inserts for machining non -ferrous materials	DST-SERC-EP	Sarangi, S.K., Dr. (M) University College of Engineering Department of Mechanical Engineering Sambalpur - 768 018 Orissa	18.36	36
2214	Design of High Performance Algorithms based on Geometric Representations of Graphs	DST-SERC-EP	Chandran, L.S., Dr. (M) Indian Institute of Science Dept. of Computer Science & Automation Bengalooru - 560 012 Karnataka	15.19	36
2215	Designing Robust & Self Organized Public Subscribe System Over peer to peer (p2p) Networks	DST-SERC-EP	Ganguly, N., Dr. (M) Indian Institute of Technology (Kh) Dept. of Computer Science & Engg. Kharagpur - 721 302 West Bengal	20.42	36
2216	Development & analysis of supertough polyamide - 6/single wall carbon nanotube nanocomposites	DST-SERC-EP	Maiti, S.N., Prof. (M) Indian Institute of Technology (D) Centre for Polymer Science & Engg. New Delhi - 110 016 Delhi	21.65	36
2217	Development of compression - desiccant hybrid system for low humidity air conditioning	DST-SERC-EP	Maiya, M.P., Dr. (M) Indian Institute of Technology (M) Department of Mechanical Engineering Chennai - 600 036 Tamil Nadu	26.00	36
2218	Development of copper chromite catalyst as a substitute to noble metals for purification of vehicular exhaust	DST-SERC-EP	Prasad, R., Dr. (M) Banaras Hindu University Dept. of Chemical Engineering & Tech. Varanasi - 221 005 Uttar Pradesh	24.99	36
2219	Development of Deformation Resistance Welding Technology	DST-SERC-EP	Ashokkumar, K., Dr. (M) Welding Research Institute Tiruchirappalli - 620 014 Tamil Nadu	64.73	36
2220	Development of friction pads for brake disc employed in modern heavy duty automobiles/commercial & fighter aircrafts	DST-SERC-EP	Mishra, P.S., Dr. (M) Indian Institute of Technology (R) Dept. of Metallurgy & Material Engineering Roorkee - 247 667 Uttarakhand	19.38	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2221	Development of impact echo array systems for concrete structure non-destructive inspection	DST-SERC-EP	Balasubramanian, K., Prof. (M) Indian Institute of Technology (M) Department of Mechanical Engineering Chennai - 600 036 Tamil Nadu	18.46	36
2222	Development of Iron based Multicomponent & Nanodispersed Bulk Metallic Glasses through Mechanical Alloying for Industrial Applications	DST-SERC-EP	Kumaran, S., Dr. (M) National Institute of Technology (Tiruchirappalli) Dept. of Metallurgy & Material Engineering Tiruchirappalli - 620 015 Tamil Nadu	24.62	36
2223	Development of Mg - based cheocast alloys & stir cast composites for application in engineering industries	DST-SERC-EP	Poddar, P., Dr. (M) National Metallurgical Laboratory Metal Extraction & Forming Division Jamshedpur - 831 007 Jharkhand	22.00	36
2224	Development of Model for Determination of Optimum cut-off Grade for Surface Mining of Metalloferous Ore Deposits	DST-SERC-EP	Sen, P., Dr. (F) Indian School of Mines Department of Mining Engineering Dhanbad - 826 004 Jharkhand	12.46	36
2225	Development of Needle punched Nonwoven Fabric products from Banana Fibre	DST-SERC-EP	Timble, N., Dr. (M) D.K.T.E's Textile & Engineering Institute Dept. of Man Made Fibre Technology Kolhapur - 416 115 Maharashtra	14.21	36
2226	Development of New Affinity based Cell Separation Technology using Cryogels	DST-SERC-EP	Kumar, A., Dr. (M) Indian Institute of Technology (K) Dept. of Biological Sciences & Bioeng. Kanpur - 208 016 Uttar Pradesh	24.00	36
2227	Development of New generation Cathode Materials for Intermediate Temperature SOFCs	DST-SERC-EP	Patihar, S.K., Dr. (M) National Institute of Technology (Rourkela) Department of Ceramic Engineering Rourkela - 769 008 Orissa	18.24	36
2228	Development of Novel Photocatalysts for Degradation of Micro-organisms	DST-SERC-EP	Modak, J., Dr. (M) Indian Institute of Science Department of Chemical Engineering Bengalooru - 560 012 Karnataka	31.49	36
2229	Development of Solid Oxide Fuel Cell Anodes using Pore Formers - Investigation of the effect of porosity, pore shape & size & tortuosity on cell performance	DST-SERC-EP	Krishnan, V.V., Dr. (M) Indian Institute of Technology (D) Department of Chemical Engineering New Delhi - 110 016 Delhi	18.89	36
2230	Development of Spatiotemporal Access Control Models	DST-SERC-EP	Sural, S., Dr. (M) Indian Institute of Technology (Kh) School of Information Technology Kharagpur - 721 302 West Bengal	16.18	36
2231	Development of Thermosetting Polymer/Clay Nanocomposites	DST-SERC-EP	Karak, N., Dr. (M) Tezpur University Department of Chemical Sciences Tezpur - 784 028 Assam	20.65	36
2232	Development of Traditional Tongue based Diagnostic Software through Grabbling & Processing of Tongue Imagess for Storage, Retrieval & Rule Generation for Prognosis of Disease Conditions	DST-SERC-EP	Bakshi, D., Dr. (M) Indian Research Institute for Integrated Medicine Howrah - 711 302 West Bengal	6.46	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2233	Development of Traditional Tongue based Diagnostic Software through Grabbling & Processing of Tongue Images for Storage, Retrieval & Rule Generation for Prognosis of Disease Conditions*	DST-SERC-EP	Biswas, P.K., Dr. (M) Indian Institute of Technology (Kh) Department of E.C.E. Kharagpur - 721 302 West Bengal	6.02	36
2234	Development on Polymeric Hydrogel for Electrochemical Sensing of Gaseous Species	DST-SERC-EP	Sarkar, P., Dr. (M) Calcutta University Dept. of Polymer Science & Technology Kolkata - 700 009 West Bengal	33.08	36
2235	Dispersion of nanoparticle colloidal suspensions for shaping processes	DST-SERC-EP	Singh, B.P., Dr. (M) Regional Research Laboratory Colloids & Materials Chemistry Group Bhubaneswar - 751 003 Orissa	20.13	36
2236	Effect of Fading Correlation on the performance of Equal Gain Combining Diversity Receiver in Hoyt Fading Channels	DST-SERC-EP	Sahu, P.R., Dr. (M) Indian Institute of Technology (G) Department of Electronics & Communication Guwahati - 781 039 Assam	10.80	36
2237	Effect of low frequency vibration of human comfort	DST-SERC-EP	Saran, V.H., Dr. (M) Indian Institute of Technology (R) Dept. of Mechanical & Industrial Engg. Roorkee - 247 667 Uttarakhand	43.93	36
2238	Effect of Superplasticizers on Mechanical & Durability properties of High Volume Fly Ash Concrete	DST-SERC-EP	Sekar, S.K., Dr. (M) Vellore Institute of Technology School of Mech. & Building Sciences Vellore - 632 014 Tamil Nadu	10.76	36
2239	Electro Kinetic Removal of Toxic Contaminants from Soils Using Reactive Nano - Particle	DST-SERC-EP	Tiwari, R.P., Dr. (M) Motilal Nehru National Institute of Technology Department of Civil Engineering Allahabad - 211 004 Uttar Pradesh	23.26	36
2240	Elucidation of the Role of Primary Structure of Proteins on their Antimicrobial Activity	DST-SERC-EP	Jayaraman, V.K., Dr. (M) National Chemical Laboratory Department of Chemical Engineering Pune - 411 008 Maharashtra	5.93	36
2241	Elucidation of the Role of Primary Structure of Proteins on their Antimicrobial Activity*	DST-SERC-EP	Thomas, S., Dr. (F) National Institute for Research in Reproductive Health Biomedical Informatics Centre Mumbai - 400 012 Maharashtra	19.07	36
2242	Evaluation of Coal ash as a Potential Liner for Waste Containment System	DST-SERC-EP	Vishwanadham, B.V.S., Prof. (M) Indian Institute of Technology (B) Department of Civil Engineering, Mumbai - 400 076 Maharashtra	30.17	36
2243	Experimental & Numerical Study of Nd: YAG Laser Beam Cutting of Advanced Engineering Materials	DST-SERC-EP	Yadava, V., Dr. (M) Motilal Nehru National Institute of Technology Department of Mechanical Engineering Allahabad - 211 004 Uttar Pradesh	24.02	36
2244	Experimentation & CFD Analysis of a 10KW Circulating fluidized bed Biomass Gasifier	DST-SERC-EP	Sundersen, R., Dr. (M) Vellore Institute of Technology School of Mechanical & Building Sciences Vellore - 632 014 Tamil Nadu	21.98	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
2245	Experimentation for improvement in surface properties of dye & tool steels by EDM process	DST-SERC-EP	Singh,T.P., Dr. (M) Baba Banda Singh Bahadur Engineering College Fategarh Sahib - 140 407 Punjab	23.05	36
2246	Extrusion Studies on Metal Matrix Composites	DST-SERC-EP	Ramesh,C.S., Dr. (M) P.E.S. Institute of Technology Department of Mechanical Engineering Bengalooru - 560 085 Karnataka	32.90	36
2247	Fabrtion of Mg - TiC Composite by self propagating High temperature Synthesis (SHS) process	DST-SERC-EP	Chaubey,A.K., Dr. (M) Regional Research Laboratory Dept. of Adv. Material Technology Bhubaneswar - 751 003 Orissa	22.64	36
2248	Fault identification & condition monitoring of rotating machinery using laser based measurements	DST-SERC-EP	Sekhar,A.S., Prof. (M) Indian Institute of Technology (M) Machine Design Section Chennai - 600 036 Tamil Nadu	37.79	36
2249	Fault Tolerance with Check Point & Recovery Protocols in Cluster based Distributed System	DST-SERC-EP	Sekhar,P.H., Dr. (M) Indian Institute of Technology (G) Dept. of Computer Science & Engg. Guwahati - 781 039 Assam	22.63	36
2250	Flexible supply chain networks: Conceptualization, Analysis & Case Study	DST-SERC-EP	Caprihan,R., Dr. (M) Dayal Bagh Educational Institute Department of Mechanical Engineering Agra - 282 005 Uttar Pradesh	12.91	36
2251	Friction Stir Welding of Dissimilar Aluminium Alloy & 304 Stainless Steel to Aluminium Alloy for Aerospace & Automobile Application	DST-SERC-EP	Ray,A.K., Dr. (M) National Metallurgical Laboratory Dept. of Materials Science & Tech. Jamshedpur - 831 007 Jharkhand	22.40	36
2252	Gas sorption & diffusion properties of Indian coal	DST-SERC-EP	Dutta,P., Dr. (M) Bengal Engineering & Science University Department of Mining Engineering Howrah - 711 103 West Bengal	30.95	36
2253	General Strategies for Nanoparticle of Controlled Size, Shape & Composition: Magnetite as a Case Study for MRI Applications	DST-SERC-EP	Bandopadhyaya,R., Dr. (M) Indian Institute of Technology (B) Department of Chemical Engineering Mumbai - 400 076 Maharashtra	38.95	36
2254	High temperature tribological characterization of Non - Oxide ceramics & composites	DST-SERC-EP	Wani,M.F., Prof. (M) National Institute of Technology (Srinagar) Department of Mechanical Engineering Srinagar - 190 000 Jammu & Kashmir	17.11	36
2255	Implementation of collaborative product development system using STEP/XML	DST-SERC-EP	Raju,D.R., Dr. (M) S.R.K.R. Engineering College Department of Mechanical Engineering Bhimavaram - 534 204 Andhra Pradesh	13.05	36
2256	Incremental sheet metal forming at multi-scales	DST-SERC-EP	Reddy,N.V., Dr. (M) Indian Institute of Technology (K) Department of Mechanical Engineering Kanpur - 208 016 Uttar Pradesh	38.73	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
2257	Intelligent Data Mining for Forward & Reverse Modelling of Manufacturing Processes	DST-SERC-EP	Prathar,D.K., Dr. (M) Indian Institute of Technology (Kh) Department of Mechanical Engineering Kharagpur - 721 302 West Bengal	15.19	36
2258	Investigation of nonlinearities in thermoacoustic system	DST-SERC-EP	Sujith,R.I., Dr. (M) Indian Institute of Technology (M) Department of Aerospace Engineering Chennai - 600 036 Tamil Nadu	26.95	36
2259	Investigation of the microstrip feed to the Dielectric Resonator Antenna	DST-SERC-EP	Ghosh,B., Dr. (M) Indian Institute of Technology (Kh) Department of E.E.C.E. Kharagpur - 721 302 West Bengal	15.78	36
2260	Investigation of Transmit Power Control & its Implementation in Wireless Ad hoc & Sensor Nodes	DST-SERC-EP	De,S., Dr. (M) Indian Institute of Technology (D) Department of Electrical Engineering New Delhi - 110 016 Delhi	24.60	36
2261	Investigations on the thermo - chemistry of the interaction of chromite spinels & silica under different conditions	DST-SERC-EP	Sinha,S.N., Dr. (M) National Institute of Technology (Jamshedpur) Dept. of Metallurgy & Material Engineering Jamshedpur - 831 014 Jharkhand	15.05	36
2262	Linear motor compressor driven twin pulse tube refrigerator system	DST-SERC-EP	Karunanithi,R., Dr. (M) Indian Institute of Science Centre for Cryogenic Technology Bengalooru - 560 012 Karnataka	17.76	36
2263	Load Compensation & Voltage Regulation using DSTATOM under Non - Stiff Voltage Source	DST-SERC-EP	Kumar,M., Dr. (M) Indian Institute of Technology (M) Department of Electrical Engineering Chennai - 600 036 Tamil Nadu	27.35	36
2264	Machine Learning Algorithms for Scientific Data Mining Engineering Sciences	DST-SERC-EP	Shevade,S.K., Dr. (M) Indian Institute of Science Dept. of Computer Science & Automation Bengalooru - 560 012 Karnataka	20.25	36
2265	Measurement Circuit & Miniaturisation of Silicon based Biosensors	DST-SERC-EP	Bhattacharya,E., Dr. (F) Indian Institute of Technology (M) Department of Electrical Engineering Chennai - 600 036 Tamil Nadu	29.80	36
2266	Microbes for remediation of defects in building materials	DST-SERC-EP	Reddy,M.S., Dr. (M) Thapar University Dept. of Biotech. & Env. Sciences Patiala - 147 004 Punjab	34.78	36
2267	Mineral Biotechnology for Mineral Beneficiation Metal Extraction & Mining Environmental	DST-SERC-EP	Natarajan,K.A., Prof. (M) Indian Institute of Science Bengalooru - 560 012 Karnataka	40.20	36
2268	Modelling, Simulation & Characterization of Quantum different Gate Geometric Double Gate High Electron Mobility Transistor for High Power & High Frequency Applications with Two Seperate/Common Gate Control	DST-SERC-EP	Gupta,M., Dr. (F) Delhi University Department of Electronic Science New Delhi - 110 021 Delhi	27.82	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2269	Multi scale modeling to study the role of atomic scale defects in CNT based nanocomposites	DST-SERC-EP	Bhattacharya, B., Dr. (M) Indian Institute of Technology (Kh) Department of Civil Engineering Kharagpur - 721 302 West Bengal	20.42	36
2270	Multiple output switched mode power supply with improved power quality	DST-SERC-EP	Bhuvaneshwari, G., Dr. (F) Indian Institute of Technology (D) Department of Electrical Engineering New Delhi - 110 016 Delhi	24.08	36
2271	Multiscale Methods for Scientific Visualization	DST-SERC-EP	Natarajan, V., Dr. (M) Indian Institute of Science Dept. of Computer Science & Automation Bengalooru - 560 012 Karnataka	23.31	36
2272	Nanoparticles for Micro Total Analysis System (M-TAS) Lab on chip for Dopamine Detection	DST-SERC-EP	Virdi, G.S., Dr. (M) Central Electronics Engineering Research Institute Pilani - 333 031 Rajasthan	7.89	36
2273	Novel Oxidation Techniques for Improvement in the Electrical Properties of Ultra-thin SiO ₂ for VLSI Technology	DST-SERC-EP	Dasgupta, N., Dr. (F) Indian Institute of Technology (M) Department of Electrical Engineering Chennai - 600 036 Tamil Nadu	73.61	36
2274	Optimization of process parameters for the production of nano materials by wire explosion	DST-SERC-EP	Sarathi, R., Dr. (M) Indian Institute of Technology (M) Department of Electrical Engineering Chennai - 600 036 Tamil Nadu	25.26	36
2275	Parkinson Disease: Development of Computational Model Based on Handwriting & Speech for Prediction & Treatment	DST-SERC-EP	Singh, N., Dr. (F) National Brain Research Centre Gurgaon - 122 050 Haryana	10.73	36
2276	Parkinson Disease: Development of Computational Model Based on Handwriting & Speech for Prediction & Treatment*	DST-SERC-EP	Chakravarthy, V.S., Dr. (M) Indian Institute of Technology (M) Department of Biotechnology Chennai - 600 036 Tamil Nadu	11.08	36
2277	Polymer Composites for Photocatalysis	DST-SERC-EP	Giridhar, M., Dr. (M) Indian Institute of Science Department of Chemical Engineering Bengalooru - 560 012 Karnataka	23.90	36
2278	Prediction of Machine Setting parameters & roller configuration for continuous bending of conical shells on 3 - roller bending machine	DST-SERC-EP	Raval, H.K., Prof. (M) Sardar Vallabhbhai National Institute of Technology Department of Mechanical Engineering Surat - 395 007 Gujarat	27.96	36
2279	Prediction of Residual Fatigue Life/Strength of Reinforced Concrete Members	DST-SERC-EP	Kishen, J.M.C., Dr. (M) Indian Institute of Science Department of Civil Engineering Bengalooru - 560 012 Karnataka	17.60	36
2280	Prediction of Shrinkage & Spirality of cotton knitted fabrics & its control with special emphasis for small scale manufactures	DST-SERC-EP	Singh, G., Dr. (M) Giani Zail Singh College of Engineering & Technology Department of Textile Engineering Bhatinda - 151 001 Punjab	32.66	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (In Months)
2281	Prediction of the stability footing foundation on weak floor jointed & layered rock mass using multi model finite element analysis & artificial neural network technique	DST-SERC-EP	Kumar,D., Dr. (M) Indian School of Mines Department of Mining Engineering Dhanbad - 826 004 Jharkhand	22.88	36
2282	Processing of nickel - cadmium spent battery	DST-SERC-EP	Agarwal,A., Dr. (F) National Metallurgical Laboratory Jamshedpur - 831 007 Jharkhand	20.88	36
2283	Product & process design for shape heading of splines & solid spur gear by 3 - D modeling & experiments of combined extrusion/forging: A progressive near - net shape process	DST-SERC-EP	Sahoo,S.K., Dr. (M) National Institute of Technology (Rourkela) Department of Mechanical Engineering Rourkela - 769 008 Orissa	32.12	36
2284	Recovery of Ruthenium using hollow fiber nondispersive extraction method	DST-SERC-EP	Sarang,K., Dr. (F) Institute of Minerals & Materials Technology Bhubaneswar - 751 003 Orissa	13.71	36
2285	Resource Allocation for Multi - Terminal Wireless Communication System*	DST-SERC-EP	Sundaresan,R., Dr. (M) Indian Institute of Science Department of Electrical Engineering Bengalooru - 560 012 Karnataka	17.11	36
2286	Resource Allocation for Multi-Terminal Wireless Communication System*	DST-SERC-EP	Bhashyam,S., Dr. (M) Indian Institute of Technology (M) Chennai - 600 036 Tamil Nadu	19.63	36
2287	Response & Micromechanics Based Designs of Engineered Cementitious composite Structures	DST-SERC-EP	Singh,S.B., Dr. (M) Birla Institute of Technology & Science Pilani - 333 031 Rajasthan	15.14	36
2288	Simulation of conjugate heat transfer phenomena in ultra - short laser tissue interaction	DST-SERC-EP	Mahapatra,S.K., Dr. (M) National Institute of Technology (Rourkela) Department of Mechanical Engineering Rourkela - 769 008 Orissa	14.29	36
2289	Simulation of the growth of heteroepitaxial semiconductor thin films using Finite Element Methods	DST-SERC-EP	Suibramaniam,A., Dr. (M) Indian Institute of Technology (D) Department of Applied Mathematics New Delhi - 110 016 Delhi	19.62	36
2290	Slicing Concurrent & Distributed Object - Oriented Programs	DST-SERC-EP	Mohapatra,D.P., Dr. (M) National Institute of Technology (Rourkela) Dept. of Computer Science & Engg. Rourkela - 769 008 Orissa	11.07	36
2291	Strength & Deformation Characteristics of Over - reinforced Self Compacting Concrete Beams	DST-SERC-EP	Singh,B., Dr. (M) Indian Institute of Technology (R) Department of Civil Engineering Roorkee - 247 667 Uttarakhand	39.19	36
2292	Studies in Selective Oxidation of Propane to Acrylic Acid using Mixed Oxide Catalysts	DST-SERC-EP	Rane,V.H., Dr. (M) National Chemical Laboratory Chemical Engineering Division Pune - 411 008 Maharashtra	10.52	36
2293	Studies on moulding compounds & compression moulding techniques for Fiber Reinforced Plastic (FRP) Fasteners	DST-SERC-EP	Babu,B.J.C., Dr. (M) Birla Institute of Technology & Science Zuarinagar - 403 726 Goa	21.09	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
2294	Studies on the critical fabrication steps of making multilayer actuator using lead - free piezoelectric materials	DST-SERC-EP	Sen,A., Dr. (M) Central Glass & Ceramic Research Institute Sensor & Actuator Division Kolkata - 700 032 West Bengal	23.63	36
2295	Studies on the synthesis & phase transformation of FE Pt nanoparticles for data storage applications	DST-SERC-EP	Balaji,T., Dr. (M) Centre for Materials for Electronics Technology(C-MET) Hyderabad - 500 051 Andhra Pradesh	24.40	36
2296	Study of Particle dynamics & Development of Control Strategy for Improved Performance in Teeter Bed Separator	DST-SERC-EP	Das,A., Dr. (M) National Metallurgical Laboratory Mineral Processing Division Jamshedpur - 831 007 Jharkhand	17.88	36
2297	Synthesis & Characterization of Cellulose Esters for Radiation - Curable Coating Applications	DST-SERC-EP	Tosh,B., Dr. (M) Orissa Engineering College Department of Chemistry Bhubaneswar - 751 007 Orissa	23.90	36
2298	Towards understanding the Standard Bonding Test & Development of Model for Bond Strength of Lap Splices in Reinforced Concrete	DST-SERC-EP	Rao,G.A., Dr. (M) Indian Institute of Technology (M) Department of Civil Engineering Chennai - 600 036 Tamil Nadu	11.59	36
2299	Use of Industrial Wastes as Filler in Bituminous Construction	DST-SERC-EP	Chandra,S., Prof. (M) Indian Institute of Technology (R) Department of Civil Engineering Roorkee - 247 667 Uttarakhand	11.23	36
2300	Vibration & Noises Monitoring of Ball Bearings with Local Defects	DST-SERC-EP	Tandon,N., Dr. (M) Indian Institute of Technology (D) Industrial Tribology Machine Dynamics & Maintenance Engineering Centre New Delhi - 110 016 Delhi	25.19	36
2301	A composite colour texture object shape feature using saturation thresholding from the HSV colour space & fuzzy approach for content based image & video retrieval	DST-SERC-FT	Vadivel,A., Dr. (M) National Institute of Technology (Tiruchirappalli) Department of Computer Applications Tiruchirappalli - 620 015 Tamil Nadu	18.60	36
2302	Air quality models evaluations at traffic intersections in urban environments for regulatory compliance	DST-SERC-FT	Gokhale,S.B., Dr. (M) Indian Institute of Technology (G) Department of Civil Engineering Guwahati - 781 039 Assam	12.72	36
2303	An image processing system for verification of handprinted signature & recognition of handwritten information present on Indian Bank cheques in Latin (English) & Devanagary (Marathi, Hindi) Scripts	DST-SERC-FT	Jayadevan,R., Mr. (M) P.I.C.T. College of Engineering Department of Information Technology Pune - 411 043 Maharashtra	2.40	36
2304	Arsenic removal by Electrochemical Ion Exchange (EIX) Process	DST-SERC-FT	Ghosh,P.K., Dr. (M) Indian Institute of Technology (G) Department of Civil Engineering Guwahati - 781 039 Assam	6.70	36
2305	Assessment of hydroclimatic teleconnection for basin-scale, real-time streamflow & its use in real time streamflow forecasting	DST-SERC-FT	Maiti,R., Mr. (M) Indian Institute of Technology (B) Department of Civil Engineering Mumbai - 400 076 Maharashtra	4.20	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
2306	Compact microwave dielectric resonator antennas for communication applications	DST-SERC-FT	Yohannan,J., Dr. (M) Cochin University of Science & Technology Electro., Microwave Tomo. & Materials Res. Kochi - 682 022 Kerala	15.00	36
2307	Composition of hole expansion ratio, stretch flangeability, wrinkling behaviour & crashworthiness of high strength if steel tailor welded blanks, fabricated by various welding techniques	DST-SERC-FT	Parthasarathi,N.L., Mr. (M) National Institute of Technology (Tiruchirappalli) Department of Production Engineering Tiruchirappalli - 620 015 Tamil Nadu	13.62	36
2308	Design & development of dynamic facility layout design toolkit	DST-SERC-FT	Balamurugan,K., Dr. (M) Institute of Road & Transport Technology Department of Mechanical Engineering Erode - 638 316 Tamil Nadu	5.04	36
2309	Design & implementation of a fuzzy logic based call handover algorithm for mobile cellular communication	DST-SERC-FT	Bhattacharya,P.P., Mr. (M) Dr. B.C. Roy Engineering College Durgapur - 713 206 West Bengal	5.82	36
2310	Design & synthesis of mesoporous titanasilicate supported gold nano particle useful for mil oxidation reaction	DST-SERC-FT	Chowdhury,B., Dr. (M) Indian School of Mines Department of Applied Chemistry Dhanbad - 826 006 Jharkhand	19.26	36
2311	Design of coal pillar through 3-D numerical modeling considering discontinuities	DST-SERC-FT	Jaiswal,A., Dr. (M) Banaras Hindu University Institute of Technology Varanasi - 221 005 Uttar Pradesh	10.80	36
2312	Design of NRD guide based millimeter wave integrated circuits for broadband communications network	DST-SERC-FT	Pathak,N.P., Dr. (M) Indian Institute of Technology (R) Dept. of Electronics & Computer Engg. Roorkee - 247 667 Uttarakhand	18.54	36
2313	Design, Development & Performance Evaluation of Asymmetric Composite Gears	DST-SERC-FT	Senthilvelan,S., Dr. (M) Indian Institute of Technology (G) Department of Mechanical Engineering Guwahati - 781 039 Assam	19.80	36
2314	Development of a metal hydride based thermal energy storage systems	DST-SERC-FT	Muthukumar,P., Mr. (M) Indian Institute of Technology (G) Department of Mechanical Engineering Guwahati - 781 039 Assam	10.02	36
2315	Development of a simultaneous approach for integrated mass transit planning	DST-SERC-FT	Verma,A., Dr. (M) Indian Institute of Technology (G) Department of Civil Engineering Guwahati - 781 039 Assam	7.80	36
2316	Development of an Intelligent System for Selection of Materials for Press Tool Components	DST-SERC-FT	Kumar,S., Dr. (M) Sardar Vallabhbhai National Institute of Technology Department of Mechanical Engineering Surat - 395 007 Gujarat	3.60	36
2317	Development of electronic tongue for quality assessment of black tea	DST-SERC-FT	Tudu,B., Mr. (M) Jadavpur University Department of I.E.E. Kolkata - 700 098 West Bengal	3.90	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2318	Development of high magnetic flux polymer bonded magnetic composites employing microwave radiation	DST-SERC-FT	Sahu,R.K., Dr. (M) National Metallurgical Laboratory Dept. of Materials Science & Technology Jamshedpur - 831 007 Jharkhand	16.00	36
2319	Development of Microcombustors	DST-SERC-FT	Kumar,S., Dr. (M) Indian Institute of Technology (B) Department of Aerospace Engineering Mumbai - 400 076 Maharashtra	13.20	36
2320	Development of molecularly imprinted biomaterials for cholesterol recognition	DST-SERC-FT	Gupta,R., Dr. (F) Indian Institute of Technology (K) Biological Sciences & Bioengg. Kanpur - 208 002 Uttar Pradesh	16.56	36
2321	Development of power electronics based ballast for metal Halide HID lamps to achieve efficient system for artificial lighting	DST-SERC-FT	Haque,A., Mr. (M) Z.H. College of Engineering & Technology Department of Electrical Engineering Aligarh - 202 002 Uttar Pradesh	15.24	36
2322	Development, study & analysis of nano-ceramic piezoelectric sensors, with base material lead zirconium titanate, popularly known as PZT manufactured by Sol Gel Technology	DST-SERC-FT	Roy,K., Mr. (M) Haldia Institute of Technology Department of E.C.E. Midnapore - 721 657 West Bengal	5.22	36
2323	Environmental Assessment & Eco-Restoration in Tamil Nadu Coastal Zone using Remote Sensing & GIS Technique	DST-SERC-FT	Lakshmanan,C., Dr. (M) Bharathidasan University Centre for Remote Sensing Tiruchirappalli - 620 024 Tamil Nadu	7.26	36
2324	Experimental investigation & finite element simulation of workability of Al-TiC metal matrix composites during cold upsetting	DST-SERC-FT	Ramesh,T., Dr. (M) National Institute of Technology (Tiruchirappalli) Department of Mechanical Engineering Tiruchirappalli - 620 015 Tamil Nadu	12.96	36
2325	Feasibility of CO ₂ sequestration in deep Indian coals	DST-SERC-FT	Mishra,S., Dr. (M) National Institute of Technology (Rourkela) Department of Chemical Engineering Rourkela - 769 008 Orissa	9.84	36
2326	Frequent itemset based classification	DST-SERC-FT	Pudi,V., Dr. (M) International Institute of Information Technology Hyderabad - 500 032 Andhra Pradesh	3.85	36
2327	Friction stir processing of aluminium & magnesium alloys & investigation of its superplastic formability	DST-SERC-FT	Pancholi,V., Dr. (M) Indian Institute of Technology (R) Dept. of Metallurgical & Materials Engg. Roorkee - 247 667 Uttarakhand	12.72	36
2328	Hybrid laser GMAW welding, laser beam welding & gas metal arc welding of AISI 904 L Super Austenitic stainless steel	DST-SERC-FT	Sathiya,P., Dr. (M) National Institute of Technology (Tiruchirappalli) Department of Production Engineering Tiruchirappalli - 620 015 Tamil Nadu	12.24	36
2329	Improvement of wear resistance of Ti-Alloy disc brake rotor through laser surface melting	DST-SERC-FT	Duraiselvam,I.M., Dr. (M) National Institute of Technology (Tiruchirappalli) Department of Production Engineering Tiruchirappalli - 620 015 Tamil Nadu	18.90	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2330	Investigation of diversity in radar imaging parameters	DST-SERC-FT	Mishra, A.K., Dr. (M) Indian Institute of Technology (G) Department of E.C.E. Guwahati - 782 036 Assam	10.20	36
2331	Investigation of dynamic interference effect of two nearby shallow foundations	DST-SERC-FT	Ghosh, P., Dr. (F) Indian Institute of Technology (K) Department of Civil Engineering Kanpur - 208 016 Uttar Pradesh	13.38	36
2332	Investigation on reactive power problems & voltage	DST-SERC-FT	Nath, S., Dr. (F) Netaji Subhash Engineering College Department of Electrical Engineering Kolkata - 700 152 West Bengal	3.00	36
2333	Joining thermoplastic composite pipes	DST-SERC-FT	Panneerselvam, K., Mr. (M) National Institute of Technology (Tiruchirappalli) Department of Production Engineering Tiruchirappalli - 620 015 Tamil Nadu	14.16	36
2334	Low cost technique for synthesis of nanostructured materials	DST-SERC-FT	Arunachalam, R.M., Dr. (M) Sona College of Technology Department of Mechanical Engineering Salem - 636 005 Tamil Nadu	10.62	36
2335	Microwave sintering of refractory metal & alloy powders & properties characterization	DST-SERC-FT	Purushotham, Y., Dr. (M) Centre for Materials for Electronics Technology (C-MET) Hyderabad - 500 051 Andhra Pradesh	16.14	36
2336	Non Linear soil structure interaction of piles on sloping ground	DST-SERC-FT	Muthukumar, K., Dr. (M) National Institute of Technology (Tiruchirappalli) Department of Civil Engineering Tiruchirappalli - 620 015 Tamil Nadu	10.16	36
2337	Non-ideal flow & transport in bio-heap-leaching of precious metals	DST-SERC-FT	Kartha, S.A., Dr. (M) Indian Institute of Technology (G) Department of Civil Engineering Guwahati - 781 039 Assam	10.08	36
2338	Novel safety - catch linkers for solid phase synthesis of organix compounds with potential medicinal applications	DST-SERC-FT	Kumar, A., Dr. (M) Birla Institute of Technology & Science Chemistry Group Pilani - 333 031 Rajasthan	19.55	36
2339	Numerical Modeling & Spatial Moment analysis of Mobility & Mixing of Reactive Contaminants in Low Permeability Hard Rocks under Non-isothermal Conditions	DST-SERC-FT	Suresh, G., Dr. (M) Indian Institute of Technology (M) Department of Civil Engineering Chennai - 600 036 Tamil Nadu	2.76	36
2340	Optimization of ageing parameters & alloy composition for improved age hardening response of AZ 91 magnesium alloy	DST-SERC-FT	Srinivasan, A., Dr. (M) National Metallurgical Laboratory Jamshedpur - 831 007 Jharkhand	15.00	36
2341	Reduction of excess sludge production in activated sludge process of industrial effluent using novel electrochemical techniques	DST-SERC-FT	Muthukumar, M., Dr. (M) Bharathiar University Department of Environmental Science Coimbatore - 641 046 Tamil Nadu	11.70	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
2342	Strength of RC beams in sheer using advanced composites	DST-SERC-FT	Sundarraja,M.C., Mr. (M) Thiagarajar College of Engineering Department of Civil Engineering Madurai - 615 026 Tamil Nadu	10.98	36
2343	Temperature & pressure effect of two phas flow across control valve & pipe in series	DST-SERC-FT	Hemamallini,R.R., Dr. (F) St. Peters Engineering College Dept. of Electronics & Instrument Engg. Chennai - 600 054 Tamil Nadu	12.00	36
2344	The determination of resistance to stable crack extension of ductile material & their weld using specimens of low constraint by measurement of streched zone width formed during fracture	DST-SERC-FT	Bansal,S., Dr. (M) Indian Institute of Technology (R) Department of M.M.E. Roorkee - 247 667 Uttarakhand	10.74	36
2345	Time Shared Systems with dynamic weights in communication networks	DST-SERC-FT	Kherani,A.A., Mr. (M) Indian Institute of Technology (D) Dept. of Computer Science & Engg. New Delhi - 110 016 Delhi	3.18	36
2346	Utilization of Glycerol: Etherification of Glycerol by Isobutylene using modified zeolites	DST-SERC-FT	Maity,S.K., Dr. (M) National Institute of Technology (Rourkela) Department of Chemical Engineering Rourkela - 769 008 Orissa	12.24	36
2347	Cleanroom infrastructure for National Nanofabrication Centre at the Indian Institute of Science, Bangalore	DST-SERC-NSTI	Pratap,R., Prof. (M) Indian Institute of Science Department of Mechanical Engineering Bengalooru - 560 012 Karnataka	1450.00	36
2348	Development of nanomaterial enhanced high performance coated textiles	DST-SERC-NSTI	Joshi,M., Dr. (F) Indian Institute of Technology (D) Department of Textile Technology New Delhi - 110 016 Delhi	52.75	36
2349	Establishment of a Centre for Nano Technology at the Hyderabad University, Hyderabad	DST-SERC-NSTI	Vice-Chancellor, The Hyderabad University Hyderabad - 500 046 Andhra Pradesh	2218.24	36
2350	PG Teaching Programmes (M.Tech 2 years) in Nano Science & Technology at Anna University, Chennai (with annual intake of 15 students)	DST-SERC-NSTI	Jayavel,R., Dr. (M) Anna University Centre for Nanosceince & Technology Chennai - 600 025 Tamil Nadu	449.75	36
2351	PG Teaching Programmes (M.Tech 2 years) in Nano Science & Technology at GGS Indraprastha University, New Delhi (with annual intake of 15 students)	DST-SERC-NSTI	Singh,V., Dr. (F) Guru Govind Singh Indraprastha University University School of Basic & Applied Science New Delhi - 110 006 Delhi	313.75	36
2352	PG Teaching Programmes (M.Tech 2 years) in Nano Science & Technology at Jadavpur University, Kolkata (with annual intake of 18 students)	DST-SERC-NSTI	Mukherjee,S., Prof. (M) Jadavpur University Materials Science & Technology Kolkata - 700 032 West Bengal	396.70	36
2353	Research programme on Smart & Innovative Textiles (SMITA)	DST-SERC-NSTI	Agrawal,A.K., Dr. (M) Indian Institute of Technology (D) Department of Textile Technology New Delhi - 110 016 Delhi	2032.24	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2354	Technology CAD of nano-MOSEFTs in Hybrid Orientation Technology	DST-SERC-NSTI	Maiti, C.K., Prof. (M) Indian Institute of Technology (Kh) Department of Electronics & ECE Kharagpur - 721 302 West Bengal	18.53	36
2355	Development of thermophysical measurement system for liquid & investigations on the thermal conductivity & pool boiling characteristics of various nanofluids	DST-SERC-SC	Dey, T.K., Prof. (M) Indian Institute of Technology (Kh) Cryogenic Engineering Kharagpur - 721 302 West Bengal	28.60	36
2356	Linear & non-linear optical properties of opto-electronics materials	DST-SERC-SC	Kumar, V., Dr. (M) Indian School of Mines Department of Electronics & Instrumentation Dhanbad - 826 004 Jharkhand	10.12	36
2357	Modelling of pollutant transport in groundwater - A case study in Palar River Basin	DST-SERC-SC	Bhagavanulu, D.V.S., Dr. (M) Vellore Institute of Technology School of Mechanical & Building Sciences Vellore - 632 014 Tamil Nadu	8.93	36
2358	A proposal for establishment of D.S. Kothari Centre for Research & Innovation in Science & Education (DSKC)	DST-SERC-WOS	Jolly, P., Dr. (F) Miranda House Delhi - 110 007 Delhi	313.20	36
2359	Development of low voltage & low power design library for analog circuit	DST-SERC-WOS	Agarwal, A., Ms. (F) Sanjay Institute of Engineering & Management Mathura - 281 406 Uttar Pradesh	7.62	36
2360	Development of OGC standards based sensor networks for observation & measurement	DST-SERC-WOS	Poonguzhali, M.S., Ms. (F) Netaji Subhas Institute of Technology Department of Computer Engineering New Delhi - 110 078 Delhi	12.00	36
2361	Estimation & prediction of traffic parameters under mixed traffic conditions for its applications	DST-SERC-WOS	Devi, L., Dr. (F) Indian Institute of Technology (M) Department of Civil Engineering Chennai - 600 036 Tamil Nadu	8.16	36
2362	Master template for cataloguing of information in piping engineering	DST-SERC-WOS	Hundekari, S., Ms. (F) Indian Institute of Technology (D) Department of Management Studies New Delhi - 110 016 Delhi	6.96	36
2363	Studies on the effect of preparation technique, particle size & shape of conducting polymers on dielectric properties in the microwave field	DST-SERC-WOS	John, H., Dr. (F) Cochin University of Science & Technology Department of Electronics Kochi - 682 022 Kerala	12.84	36
2364	Synthesis & investigation of Piezo Composites for sensors Applications	DST-SERC-WOS	Sen, S., Dr. (F) National Metallurgical Laboratory Materials Science & Technology Division Jamshedpur - 831 007 Jharkhand	8.28	36
2365	Synthesis & testing of manganite - semiconductor based microdevices	DST-SERC-WOS	Kale, S.N., Dr. (F) Fergusson College Department of Computer Science Pune - 411 004 Maharashtra	23.63	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2366	Theoretical modelling of molecular wire based sensors & study of electronic conductance	DST-SERC-WOS	Das,B., Dr. (F) Indian Association for the Cultivation of Science Kolkata - 700 032 West Bengal	15.06	36
2367	To develop IMYMV resistant transgenic legumes by incorporating hairpin ribozyme gene targeted to viral rep mRNA	DST-SERC-WOS	Singh,A., Dr. (F) Indian Institute of Technology (D) Dept. of Biochemical Engg. & Biotech. New Delhi - 110 016 Delhi	16.68	36
2368	Utilisation of Kudremukh iron ore tailings for fine aggregate in concrete & mortars	DST-SST	Reddy,B.V.V., Dr. (M) Associate Professor Indian Institute of Science Department of Civil Engineering Bengalooru - 560 012 Karnataka	18.62	36
2369	Capacitance & conductance based sensor instrumentation for Biochemical characterization	DST-TSD	Kumar,J., Prof. (M) Anna University Chennai - 600 025 Tamil Nadu	13.55	24
2370	Development of a parasite detection instrument using fluorascence & image processing	DST-TSD	Kaliraj,P., Dr. (M) Anna University Chennai - 600 012 Tamil Nadu	12.93	24
2371	Development of a parasite detection instrument using fluorascence & image processing*	DST-TSD	Srinavas,K., Dr. (M) Central Scientific Instruments Organisation Chennai - 600 113 Tamil Nadu	12.69	24
2372	Development of manufacturing technology of SAILON cutting tools	DST-TSD	Bandyopadhyay,S., Dr. (M) Scientist Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	477.60	24
2373	Development of rare earth Permanent Motor Steeper Motor	DST-TSD	Chetwani,S.H., Mr. (M) Senior Engineer Electrical Research & Development Association Vadodara - 390 010 Gujarat	25.82	24
2374	Eco-friendly & user friendly machines for Hank Processing Cottage Industry	DST-TSD	Mahatre,N.D., Dr. (M) Bombay Textile Research Association Mumbai - 400 086 Maharashtra	20.90	24
2375	Fabrication of Planar Optical Waveguides by Embossing of Oxide films for use as Optical Sensors	DST-TSD	Bhadra,S.K., Dr. (M) Scientist Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	33.49	36
2376	Feasibility Study for Development of Electronic Nose Technology	DST-TSD	Yadava,R.D.S., Dr. (M) Banaras Hindu University Varanasi - 221 005 Uttar Pradesh	24.24	24
2377	Indegenous resource utilization: Development of Direct - Ethanol - Vegetable oil hybrid fuel blends & field testing in commercial transport vehicles	DST-TSD	Subramaniam,R., Dr. (M) Central Institute of Road Transport Erode - 638 401 Tamil Nadu	20.70	24
2378	Instrumentation for Bacterial Antibigram	DST-TSD	Sankran,K., Dr. (M) Anna University Chennai - 600 025 Tamil Nadu	30.36	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2379	Optimal rehabilitation & expansion of water distribution network	DST-TSD	Nelkantan, T.R., Dr. (M) Professor Shanmugha Arts, Science, Technology & Research Academy Thanjavur - 613 402 Tamil Nadu	8.10	24
2380	Laboratory accreditation: International perspective & Indian scenario (implementing International standard ISO/IEC 17025: A guide)	DST-USERS	Kimothi, S.K., Dr. (M) National Accreditation Board for Testing Calibration Laboratories New Delhi - 110 067 Delhi	2.57	18
2381	Ozon reactor technology	DST-USERS	Padmanabhan, K., Dr. (M) Anna University Department of Chemical Engineering Chennai - 600 025 Tamil Nadu	1.45	24
2382	Development of Biomass Gasifier Cookstoves for Rural Households	DST-YSS	Babar, S.K., Mr. (M) Appropriate Rural Technology Institute Pune - 411 041 Maharashtra	6.82	24
2383	Electricity generation from improved cookstove for low power domestic lighting	DST-YSS	Rajagopal, R., Mrs. (F) Appropriate Rural Technology Institute Pune - 411 041 Maharashtra	3.13	12
2384	Selection of a suitable green house model for the hardening of VAM inoculated tissue culture banana plantlets through out the year for Sundarban area, West Bengal	DST-YSS	Chatterjee, A., Ms. (F) Vivekananda Institute of Bio-Technology 24 Parganas - 743 338 West Bengal	7.95	36
2385	Utilization of Grewia Fiber & Waste Paper for Handmade Paper Production & Craft Technology Transfer for Income & Employment Generation Activities at Uttarkashi District	DST-YSS	Nautiyal, M., Mr. (M) Society for Environment & Empowerment Development Uttar Kashi - 249 193 Uttarakhand	7.65	24
2386	Analysis & design of wide band microstrip patch radiator	ISRO-RESPOND	De, A., Prof. (M) Dr. Ambedkar Institute of Technology Delhi - 110 092 Delhi	8.34	12
2387	Comparative computer based simulation studies on the evaluation of sensor fault detection & isolation in DC motor position servo system	ISRO-RESPOND	Pradyumna, Mr. (M) R.V. College of Engineering Bengalooru - 560 059 Karnataka	6.84	24
2388	Design & development of 32-bit RISC processor based IP code for space application	ISRO-RESPOND	Devashrayee, N.M., Dr. (M) Nirma University of Science & Technology Ahmedabad - 382 481 Gujarat	16.02	24
2389	Design & fabrication of polymeric modulator for space technology applications (Phse - II)	ISRO-RESPOND	Jayakumar, V.S., Dr. (M) Mar Ivanios College Thiruvananthapuram - 695 015 Kerala	9.48	24
2390	Development of image & signal processing algorithms on leading DSP processing & development of special purpose FPGA for co-processing	ISRO-RESPOND	Pradan, S.N., Dr. (M) Nirma University of Science & Technology Ahmedabad - 382 481 Gujarat	14.17	24
2391	Development of remote sensing & GIS based approach for flood forecasting & warning for lower Tapi basin	ISRO-RESPOND	Singh, A.K., Dr. (M) Nirma University of Science & Technology Ahmedabad - 382 481 Gujarat	15.93	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2392	Flood risk modelling using satellite remote sensing data for optimal crop planning	ISRO-RESPOND	Chatterjee, C., Dr. (M) Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	10.78	24
2393	Investigation on multiband fractal antenna for satellite applications	ISRO-RESPOND	Gupta, S., Prof. (M) Dhirubhai Ambani Institute of Information & Communication & Technology Gandhinagar - 382 007 Gujarat	6.01	24
2394	Modelling & characterization of fracture toughness of metal matrix composites	ISRO-RESPOND	Lakshminarayan, P.R., Dr. (M) Annamalai University Annamalainagar - 608 002 Tamil Nadu	4.14	36
2395	Polymer nanocomposites for Inflatable Space Structures (ISS)	ISRO-RESPOND	Nirmal, C., Mr. (M) Amrita Vishwa Vidyapeetham Coimbatore - 641 105 Tamil Nadu	4.46	24
2396	Space Education for School & Communities	ISRO-RESPOND	Sarkar, D., Dr. (M) Dr. Vikram A. Sarabhai Community Science Centre Ahmedabad - 380 009 Gujarat	22.87	24
2397	Study & optimization of microstrip antenna system to receive satellite link from moving trends	ISRO-RESPOND	Gupta, B., Dr. (M) Jadavpur University Kolkata - 700 032 West Bengal	10.93	36
2398	Synthesization & characterization of lead Zirconite titanite polymer composites for high range pressure sensor & accelerometer	ISRO-RESPOND	Annamalai, V., Dr. (M) P.S.G. College of Technology Coimbatore - 641 004 Tamil Nadu	3.79	24
2399	Biological effect of Microgravity	ISRO-SSP	Shivaji, S., Dr. (M) Scientist - F & Dy. Director Centre for Cellular & Molecular Biology Hyderabad - 500 007 Andhra Pradesh	32.43	36
2400	Cell response to biomimetic scaffolds synthesized under microgravity during SRE I flight & mechano-sensation of cells on biomimetic scaffold	ISRO-SSP	Sinha, A., Dr. (M) Scientist - E National Metallurgical Laboratory Materials Characterization Division Jamshedpur - 831 007 Jharkhand	9.00	24
2401	Design & development of Stirling engine for net 1.5 KWe electrical output	MNRE-RDPAC	Bapat, S.L., Dr. (M) Professor Indian Institute of Technology (B) Department of Mechanical Engineering Mumbai - 400 076 Maharashtra	61.48	36
2402	Development & demonstration of solar energy based Energy Efficient Model Rearing House for silkworm seed crop rearing	MNRE-RDPAC	Halpeth, M.K., Mr. (M) Senior Fellow & Coordinator The Energy Resources Institute Rural & Renewable Energy Area Bengalooru - 560 071 Karnataka	52.78	36
2403	Development of design methodology to optimally integrated Solar Thermal Concentrator with Industrial Process Heat Applications	MNRE-RDPAC	Bandyopadhyay, S., Prof. (M) Associate Professor Indian Institute of Technology (B) Energy Systems Engineering Mumbai - 400 076 Maharashtra	26.80	24
2404	Development of Doped Oxide/noble metal Nano-structures for Electrolysis & fuel cell related Applications	MNRE-RDPAC	Rao, G.R., Dr. (M) Indian Institute of Technology (M) Department of Chemistry Chennai - 600 036 Tamil Nadu	23.28	30

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
2405	Development of field worthy pilot scale model of water absorption based biogas upgradation system for production of Natural Gas	MNRE-RDPAC	Vijay,V.K., Dr. (M) Associate Professor Indian Institute of Technology (D) Centre for Rural Development & Technology New Delhi - 110 016 Delhi	12.00	12
2406	Development of pilot scale Pyrolysis Test Unit (PTU) for production of liquid bio-fuel (fuel oil substitute) from Bio-diesel plant wastes	MNRE-RDPAC	Das,P., Dr. (F) The Energy Resources Institute New Delhi - 110 003 Delhi	12.10	24
2407	Development of Secondary Reference cell, Reference Module & Calibration Laboratories	MNRE-RDPAC	Sastry,O.S., Dr. (M) Scientist F Solar Energy Centre New Delhi - 110 003 Delhi	205.85	36
2408	Development of Vortex Tube blending with Natural Gas	MNRE-RDPAC	Subbarao,P.M.V., Dr. (M) Associate Professor Indian Institute of Technology (D) Department of Mechanical Engineering New Delhi - 110 016 Delhi	30.00	12
2409	Experimental & modeling studies on Free Breathing Fuel Cells	MNRE-RDPAC	Kolar,A.K., Prof. (M) Indian Institute of Technology (M) Department of Mechanical Engineering Chennai - 600 036 Tamil Nadu	15.35	12
2410	Instrumentation for power inversion of PV array output & interfacing of PV power with utility grid using maximum power transfer technique	MNRE-RDPAC	Nagarau,J., Prof. (M) Indian Institute of Science Solar Energy Laboratory Bengalooru - 560 012 Karnataka	22.20	18
2411	Solid state Dye Sensitized Solar Cells (DSSC) based on nano-crystalline oxide semiconductor films	MNRE-RDPAC	Mehra,R.M., Prof. (M) Delhi University Department of Electronic Science New Delhi - 110 021 Delhi	20.70	24
2412	Up-gradation of Biogas for blending with Natural Gas	MNRE-RDPAC	Kumar,S., Dr. (M) Professor Indian Institute of Technology (R) Department of Chemical Engineering Roorkee - 247 667 Uttarakhand	68.49	18
2413	Centre of Excellence for Grid Computing Research	MOCIT-R&D	Thamarai,S., Dr. (M) Professor & Head Anna University Department of Information Technology Chennai - 600 025 Tamil Nadu	460.00	60
2414	Characterization & Simulation of Nanodevices	MOCIT-R&D	Deshmukh,R.B., Dr. (M) Lecturer Visvesvaraya National Institute of Technology Dept. of Electronics & Computer Science Nagpur - 440 011 Maharashtra	312.00	36
2415	Computerization of Enforcement Wing Motor Vehicles Department - Kerala	MOCIT-R&D	Director,Managing, The (M) Kerala State I.T. Mission Thiruvananthapuram - 695 033 Kerala	112.50	12
2416	Construction & multi-site commissioning of multiple fluorescence correlation spectrometers (a single molecule biophotonic tool)	MOCIT-R&D	Maiti,S., Dr. (M) Associate Professor Tata Institute of Fundamental Research Department of Chemical Science Mumbai - 400 005 Maharashtra	160.00	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
2417	Coupled Climate Models on Grids	MOCIT-R&D	Vadhiyar,S.S., Dr. (M) Assistant Professor Indian Institute of Science Bengalooru - 560 012 Karnataka	38.30	36
2418	Design & Development of base band subsystem for Smart Antennas, SAMEER, Chennai	MOCIT-R&D	Director, The Society for Applied Microwave Electronics Engineering & Research (SAMEER) Chennai - 600 113 Tamil Nadu	51.20	18
2419	Design & Development of mid-stage access EDFA (Optical Amplifier system)	MOCIT-R&D	Thyagarajan,K., Prof. (M) Indian Institute of Technology (D) Department of Physics New Delhi - 110 016 Delhi	44.03	24
2420	Design & Development of mid-stage access EDFA (Optical Amplifier system)	MOCIT-R&D	Kumar,K., Mr. (M) CTO Optiwave Photonics Hyderabad - 500 076 Andhra Pradesh	44.03	24
2421	Design & Development of Next Generation Multi Application Smart Card Operating System & Compliance Test Kit, Maintenance & enhancement of Reference Implementation of SCOSTA, SAS Nagar	MOCIT-R&D	Zarabi,M.J., Dr. (M) Chairman-cum MD Semiconductor Complex Ltd. Mohali - 160 071 Punjab	54.00	36
2422	Design & development of UC Test Bed UC Application under National Ubiquitous Computing (UC) by IISc, Bangalore.	MOCIT-R&D	Venkatram,P., Prof. (M) Indian Institute of Science Department of E.C.E. Bengalooru - 560 012 Karnataka	97.72	36
2423	Development of a web based tool for e-verification of confusingly similar Indian trademarks	MOCIT-R&D	Laxmi,C.V., Mrs. (F) Dayal Bagh Educational Institute Agra - 282 005 Uttar Pradesh	29.08	24
2424	Development of Analytical Tools for Large Scientific Knowledge Bases in Grid Computing Environment	MOCIT-R&D	Ram,N.M., Mr. (M) Centre Head Centre for Development of Advanced Computing(C-DAC) Bengalooru - 560 038 Karnataka	50.00	36
2425	Development of Database of IPRs obtained/developed by E & IT companies for Tamil Nadu State	MOCIT-R&D	Selvi,J.A.V., Dr. (M) King's College Thanjavur - 613 001 Tamil Nadu	33.47	18
2426	Development of Digital Land Resource Information System for Integrated Land Management for Mizoram State on Pilot	MOCIT-R&D	Saha,A.B., Mr. (M) Executive Director Centre for Development of Advanced Computing(C-DAC) Kolkata - 700 091 West Bengal	220.00	24
2427	Development of framework for Knowledge Acquisition & Machine learning for Construction of ontology for traditional knowledge digital library Semantic Web portal for tribal	MOCIT-R&D	Chaudhary,B.D., Prof. (M) Motilal Nehru National Institute of Technology Allahabad - 211 004 Uttar Pradesh	48.92	24
2428	Development of GIS based Integrated Infrastructure, Resource & Utility Planning & Management System (IIRUPM) for Assam State	MOCIT-R&D	Director,Managing, The (M) Assam Electronics Development Corporation Ltd. Guwahati - 781 021 Assam	306.50	18

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2429	Development of Multi modal User Interface to Internet for common people in India Under National Ubiquitous Computing Research Initiative by Indian Institute of Technology, Kharagpur.	MOCIT-R&D	Samanta, D., Dr. (M) Indian Institute of Technology (Kh) School of Information Technology Kharagpur - 721 302 West Bengal	53.84	36
2430	Development of RFID Technologies & setting up of preparatory Framework of EPC Global accredited Auto Lab. In India, by C-DAC, Noida & Kanpur.	MOCIT-R&D	Mona, R., Dr. (M) Professor Indian Institute of Technology (K) Kanpur - 208 016 Uttar Pradesh	59.00	18
2431	Development of Software for Trademarks verbal Similarities search engine & Indian Trademark Database	MOCIT-R&D	Radhakrishnan, R., Dr. (F) Anna University Coimbatore - 641 013 Tamil Nadu	96.65	24
2432	Development of Web Based Patent Analysis & Management System	MOCIT-R&D	Despande, R.V., Dr. (M) Centre for Development of Advanced Computing (C-DAC) Pune - 411 007 Maharashtra	275.00	36
2433	Energy Aware Protocol for Wireless Networks, NIT, Rourkela	MOCIT-R&D	Director, The National Institute of Technology (Rourkela) Rourkela - 769 008 Orissa	17.20	24
2434	Establishment of Ubiquitous Computing Research Centres	MOCIT-R&D	Director, The Centre for Development of Advanced Computing (C-DAC) Bengalooru - 560 038 Karnataka	408.67	60
2435	Establishment of Ubiquitous Computing Research Centres	MOCIT-R&D	Director, The Centre for Development of Advanced Computing (C-DAC) Hyderabad - 500 016 Andhra Pradesh	408.67	60
2436	Establishment of Ubiquitous Computing Research Centres	MOCIT-R&D	Director, The Centre for Development of Advanced Computing (C-DAC) Chennai - 600 028 Tamil Nadu	408.67	60
2437	Fabrication of Rare Earth Doped Fibers for High power Fiber lasers through Nanoparticle Deposition	MOCIT-R&D	Sen, R., Dr. (M) Scientist F Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	321.10	30
2438	Growth of dilute III-V- nitride materials for mid - IR opto electronic devices	MOCIT-R&D	Dhar, S., Prof. (M) Calcutta University Department of Electronic Science Kolkata - 700 009 West Bengal	18.83	36
2439	HILLARIS (Hill Area Resource Information System) using Geographic Information Technologies	MOCIT-R&D	Vasudevan, S., Dr. (M) Reader Bharathidasan University Department of Geology Tiruchirappalli - 620 024 Tamil Nadu	75.04	18
2440	Implementation of Bio - Inspired DANN Model for unsupervised methods of character recognition applied to Anglo- Assamese script & its extension enabled applications as part of Grid Gaurda.	MOCIT-R&D	Baruah, H.K., Prof. (M) Dean Gauhati University Guwahati - 781 014 Assam	30.10	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2441	Integrated Land Management & Administrative Planning (ILMAP) in the State of Sikkim	MOCIT-R&D	Verma, R., Mr. (M) Centre for Research & Training in Informatics Department of IT Gangtok - 737 101 Sikkim	250.00	24
2442	MBE of GaInNAs & related materials for 1.3 micron communication Lasers	MOCIT-R&D	Mathew, S., Dr. (M) Scientist D Society for Applied Microwave Electronics Engineering & Research (SAMEER) Optoelectronic Division, IIT (B) Mumbai - 400 076 Maharashtra	27.60	24
2443	MBE of GaInNAs & related materials for 1.3 micron communication Lasers	MOCIT-R&D	Bhattacharya, A., Dr. (M) Reader F Tata Institute of Fundamental Research Mumbai - 400 005 Maharashtra	27.60	24
2444	Modeling & Simulation of Nanoscale MOSFETs at Room Temperature (RT) & of Classical MOSFETs at Liquid Nitrogen Temperature (LNT)	MOCIT-R&D	Sohi, B.S., Prof. (M) Panjab University University of Institute of Engg. & Tech. Chandigarh - 160 014 Chandigarh	34.50	24
2445	Multi application smart Card Based Payment system, IIT, Mumbai & IDRBT, Hyderabad	MOCIT-R&D	Gulati, V.P., Dr. (M) Institute for Development & Research in Banking Technology Hyderabad - 500 057 Andhra Pradesh	68.50	36
2446	Nano-sized SiC based quantum structures on Si by Spin-on techniques	MOCIT-R&D	Das, U., Prof. (M) Indian Institute of Technology (K) Kanpur - 208 016 Uttar Pradesh	106.24	36
2447	National RFID Programme by IIT, Kanpur, C-DAC, Noida & SAMEER, Mumbai	MOCIT-R&D	Director, The Centre for Development of Advanced Computing (C-DAC) +IIT (Kanpur) + SAMEER (Mumbai) Noida - 201 307 Uttar Pradesh	489.60	18
2448	Novel Nano-structured Ceramics for Gas Sensing Application	MOCIT-R&D	Majumder, S.B., Dr. (M) Assistant Professor Indian Institute of Technology (Kh) Materials Science Centre Kharagpur - 721 302 West Bengal	30.78	36
2449	Oxide based Functional Thin Film Nanostructures for Spintronics & quantum Informatics	MOCIT-R&D	Budhani, R.C., Prof. (M) Indian Institute of Technology (K) Department of Physics Kanpur - 208 016 Uttar Pradesh	232.61	36
2450	Pollution Monitoring Evaluation System Using Sensor - based Wireless Mesh Networks the Protection of Public Spaces, IIM, Kolkata.	MOCIT-R&D	Bandyopadhyay, S., Prof. (M) Indian Institute of Management (K) Kolkata - 700 104 West Bengal	50.24	18
2451	Q-semiconductor-glass- nanocomposites for optical & energy (using Solar light) application	MOCIT-R&D	Kale, B.B., Dr. (M) Scientist E Centre for Materials for Electronics Technology (C-MET) Pune - 411 008 Maharashtra	451.26	60
2452	Raman & Photoluminescence Investigation of Nanostructured Porous silicon for sensing the presence of Chemical & Biological Species	MOCIT-R&D	Islam, S.S., Prof. (M) Jamia Millia Islamia Dept. of Applied Science & Humanities New Delhi - 110 025 Delhi	96.58	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2453	Release of funds for the project titled Software of Schwartz Distribution by Delhi College of Engineering, Delhi	MOCIT-R&D	Mishra, O.P., Dr. (M) Principal Delhi College of Engineering Delhi - 110 042 Delhi	34.88	36
2454	Setting up of the C-DAC system based on IBM processor, jointly at NCMRWF to demonstrate the suitability of the Param Padam for weather & climatic application, C-DAC, Pune	MOCIT-R&D	Singh, S.V., Mr. (M) Head Department of Science & Technology New Delhi - 110 016 Delhi	415.00	36
2455	Smart Card Readers & Terminal Standards, IIT, Kanpur	MOCIT-R&D	Mona, R., Dr. (M) Indian Institute of Technology (K) Department of Research & Development Kanpur - 208 016 Uttar Pradesh	55.00	24
2456	Software Defined Radio, C-DAC Trivendrum & SAMEER, Chennai	MOCIT-R&D	Director, The Society for Applied Microwave Electronics Engineering & Research (SAMEER) Chennai - 600 113 Tamil Nadu	495.00	12
2457	Synthesis & Characterization of Functional Nanostructures for MEMS & Optoelectronic Applications	MOCIT-R&D	Kaur, D., Dr. (F) Assistant Professor Indian Institute of Technology (R) Centre of Nanotechnology Roorkee - 247 667 Uttarakhand	484.00	60
2458	Synthesis of aligned nanotubes of Carbon & related materials & study of their electron emission characteristics	MOCIT-R&D	Vankar, V.D., Prof. (M) Indian Institute of Technology (D) Department of Physics New Delhi - 110 016 Delhi	204.85	36
2459	Tunable & Multi Wavelength Fiber lasers for Fibre Optic Application	MOCIT-R&D	Vijaya, R., Dr. (F) Associate Professor Indian Institute of Technology (B) Department of Physics Mumbai - 400 076 Maharashtra	23.00	36
2460	Virtual Observatory India -The Next Generation - IUCAA, Pune	MOCIT-R&D	Khembaiah, A., Prof. (M) Inter University Centre for Astronomy & Astrophysics Pune - 411 007 Maharashtra	92.00	36
2461	Corporate environmental responsibility & the market: Study of Indian manufacturing firms	MOEF-EPRP	Jose, P.D., Dr. (M) Indian Institute of Management (B) Bengalooru - 560 076 Karnataka	7.62	12
2462	Societal risks policy for managing societal risks in India	MOEF-EPRP	Damodaran, A., Prof. (M) Indian Institute of Management (B) Bengalooru - 560 076 Karnataka	5.74	15
2463	Bio-inspired catalytic systems: A Viable option for development of cleaner chemical process	MOEF-ERP	Koner, S., Dr. (M) Jadavpur University Inorganic Chemistry Section Kolkata - 700 032 West Bengal	9.64	36
2464	Development of a road dust collecting system	MOEF-ERP	Bandopadhyay, L.K., Dr. (M) Central Mining Research Institute Dhanbad - 826 001 Jharkhand	31.71	36
2465	Development of Bipolar Membrane Technology for water purification & salt recovery as their corresponding acid & base from industrial effluent	MOEF-ERP	Shahi, V.K., Dr. (M) Central Salt & Marine Chemicals Research Institute Bhavnagar - 364 002 Gujarat	10.69	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2466	Development of Luminescence - based Biosensors for Detection of Mercury Ions in Water Bodies	MOEF-ERP	Ali, A., Dr. (M) Jamia Millia Islamia Department of Biosciences New Delhi - 110 025 Delhi	7.31	36
2467	Development of solar photo catalysts for the mineralization of pollutants in industrial effluent	MOEF-ERP	Swaminathan, M., Dr. (M) Annamalai University Department of Chemistry Annamalainagar - 608 002 Tamil Nadu	10.47	36
2468	Fully Biodegradable Starch based Film for making carry bag & Edible Food Packaging	MOEF-ERP	Das, M., Dr. (F) Indian Institute of Technology (Kh) Dept. of Agricultural & Food Engineering Kharagpur - 721 302 West Bengal	8.39	36
2469	Noble Metal Capped Semiconductor nano particles in the photocatalytic treatment of textile waste water	MOEF-ERP	Sivakumar, T., Dr. (M) Anna University Department of Chemical Engineering Chennai - 600 025 Tamil Nadu	8.92	36
2470	Pilot scale optimization of bacterial degradation of lignin & pentachlorophenol for pulp paper effluent decolourization & its application for aquaculture & ferti-irrigation	MOEF-ERP	Chandra, R., Dr. (M) Industrial Toxicology Research Centre Analytical Chemistry Section Lucknow - 226 003 Uttar Pradesh	14.13	36
2471	Production of bio-energy during wastewater treatment	MOEF-ERP	Ghangrakar, M. M., Dr. (M) Indian Institute of Technology (Kh) Department of Civil Engineering Kharagpur - 721 302 West Bengal	13.22	36
2472	Recycling of Electronic Waste	MOEF-ERP	Das, A., Dr. (M) National Metallurgical Laboratory Jamshedpur - 831 007 Jharkhand	16.46	36
2473	Two dimensional sheets & interlayers of Hydrotalcite - like materials - potential scope for environmental remediation	MOEF-ERP	Srinivasan, K., Dr. (M) Central Salt & Marine Chemicals Research Institute Bhavnagar - 364 002 Gujarat	12.89	36
2474	Development of integrated treatment process for coke oven effluents	MOS-SDF	Bhattacharyya, S., Mr. (M) Deputy General Manager Steel Authority of India Ltd. R&D Centre for Iron & Steel Ranchi - 834 002 Jharkhand	620.00	36
2475	Quality improvement of low grade iron ore	MOS-SDF	Srivastava, M. P., Mr. (M) Deputy General Manager Steel Authority of India Ltd. R&D Centre for Iron & Steel Ranchi - 834 002 Jharkhand	730.00	36
2476	Reduction of coke rate using probing & modelling techniques in Blast Furnaces # 6 & 7 of Bilai Steel Plant	MOS-SDF	Sinha, S. K., Mr. (M) General Manager Steel Authority of India Ltd. R&D Centre for Iron & Steel Ranchi - 834 002 Jharkhand	11694.20	30
2477	Accelerating Replications of Energy Efficient & Environment Friendly Technologies in large Cooking Applications in the Sweet Making & Namkeen Making Sectors in Jaipur Cluster	PCRA-R&D	Sethi, G., Mr. (M) Associate Director The Energy Resources Institute New Delhi - 110 003 Delhi	42.20	16

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (in Months)
2478	Commercialization of Energy Efficiency Tractor Operated Spading Machine	PCRA-R&D	Jesudas,M., Dr. (M) Professor & Head Tamil Nadu Agricultural University Coimbatore - 641 003 Tamil Nadu	13.95	18
2479	Compact Tanning & Post Tanning System	PCRA-R&D	Chattopadhyay,B., Dr. (M) Principal Government College of Engineering & Leather Technology Kolkata - 700 098 West Bengal	1.58	5
2480	Design & Development of Energy Efficient Oil Expeller having 1 TPD Capacity for Oil Extraction from Jatropha Seeds	PCRA-R&D	Bansal,B.D., Mr. (M) Scientist MERADO Ludhiana - 141 006 Punjab	11.67	24
2481	Development & Demonstration of New or Improved Equipment for the Glass Manufacturing Cluste in Ferozabad	PCRA-R&D	Kumar,D.P., Mr. (M) Group Head & Director National Productivity Council New Delhi - 110 003 Delhi	26.25	18
2482	Development of New Energy Saving Efficient Tanning Drum	PCRA-R&D	Chattopadhyay,B., Dr. (M) Principal Government College of Engineering & Leather Technology Kolkata - 700 098 West Bengal	6.99	7
2483	Energy Conservation in Maritime Sector	PCRA-R&D	Bhattacharya,P.K., Prof. (M) Marine Engineering & Research Institute Kolkata - 700 088 West Bengal	5.00	6
2484	Energy Efficiency Improvement in Moradabad Brassware Industry Cluster	PCRA-R&D	Soti,A.K., Mr. (M) Deputy Manager (QC) Metal Handicrafts Service Centre Moradabad - 244 001 Uttar Pradesh	2.00	1.5
2485	Energy efficiency Improvement in the Utensil sector at Jagadhari Yamunanagar in Haryana	PCRA-R&D	Katyal,P., Mr. (M) Group Coordinator Winrock International India Gurgaon - 122 001 Haryana	23.36	12
2486	Energy Recovery from Waste Plastics in presence & Absence of other Wastes	PCRA-R&D	Parikh,P.A., Dr. (M) Sardar Vallabhbhai National Institute of Technology Department of Chemical Engineering Surat - 395 007 Gujarat	4.55	12
2487	Energy saving through In-situ Utilisation of waste Heat from Cyclinder Dryer in Textile Sector	PCRA-R&D	Shah,N.J., Mr. (M) Principal Scientific Officer Ahmedabad Textile Industry's Research Association Group for Energy Conservation Ahmedabad - 380 015 Gujarat	6.00	15
2488	Engine Performance with the use of B 100 Biodiesel	PCRA-R&D	Director, The Central Institute of Road Transport Pune - 411 026 Maharashtra	29.90	21
2489	Establishing a baseline for energy saving potential in the decentralized cluster of Bhilwara (Rajasthan)	PCRA-R&D	Mahatre,N.D., Mr. (M) Co-ordinator Bombay Textile Research Association Mumbai - 400 086 Maharashtra	3.00	3
2490	Estimation of emissions & fuel consumption of in-use vehicles in different driving conditions	PCRA-R&D	Tiwari,G., Dr. (M) Associate Professor Indian Institute of Technology (D) TRIIPP/Civil Engineering, Hauz Khas New Delhi - 110 016 Delhi	37.67	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2491	Evolving Commercial Model Relating to Low Float Tanning Device(ClaRI Processor) - & Energy Saving Option for	PCRA-R&D	Chakrabarti, S., Dr. (M) Scientist & Head Central Leather Research Institute Business Processes Division Chennai - 600 020 Tamil Nadu	6.25	6
2492	Feasibility study for improvement in energy efficiency of oil fired tunnel Kiln for refractory industry	PCRA-R&D	Tiwari, L., Dr. (M) Deputy General Manager Steel Authority of India Ltd. R&D Centre for Iron & Steel Ranchi - 834 002 Jharkhand	3.65	4
2493	Improving the Air Circulation in cold storage to reduce the energy consumption & storage losses	PCRA-R&D	Chourasia, M.K., Dr. (M) Lecturer Bidhan Chandra Krishi Vishwavidyalaya Department of Food Engineering Nadia - 741 252 West Bengal	11.00	12
2494	Indigenous Development of Roller Head Jigger Machine for Tableware Industries of Khurja	PCRA-R&D	Sharma, L.K., Dr. (M) Scientist Incharge Central Glass & Ceramic Research Institute Khurja - 203 131 Uttar Pradesh	6.45	3
2495	Recovery of lignin & Carbohydrate from spent pulping liquor & their utilization as a source of clean energy	PCRA-R&D	Mathur, R.M., Dr. (M) Scientist F & Head Central Pulp & Paper Research Institute Chemical Recovery, Biotech. & Env. Division Saharanpur - 247 001 Uttar Pradesh	25.00	18
2496	Studies on different models of two - wheelers, cars, MUV's & LCV's for fuel efficiency	PCRA-R&D	Sharma, S.N., Dr. (M) Head Indian Institute of Petroleum Dehradun - 248 005 Uttarakhand	19.10	6
2497	A study on handwritten Bi-Lingual optical character recognition system	UGC-MJRP	Dhanda, B.V., Dr. (M) Gulbarga University Department of Computer Science Gulbarga - 585 106 Karnataka	7.77	36
2498	Adaptable key management system for mobile adhoc networks	UGC-MJRP	Padmavathi, G., Dr. (F) Avinashilingam Institute for Home Science & Higher Education for Women Department of Computer Science Coimbatore - 641 043 Tamil Nadu	7.22	36
2499	Anaerobic digestion of food waste in a horizontal plug flow reactor	UGC-MJRP	Srikanth, M., Dr. (M) Birla Institute of Technology & Science Dept. of Environmental Science Goa - 403 726 Goa	10.10	36
2500	Design & development of block box for railway engine	UGC-MJRP	Verma, A., Dr. (M) Dr. Harisingh Gaur Vishwavidyalaya Department of Physics & Electronics Sagar - 470 003 Madhya Pradesh	10.08	36
2501	Development methodologies for type II fuzzy logic systems	UGC-MJRP	Rajesh, R., Mr. (M) Bharathiar University Department of Computer Science Coimbatore - 641 046 Tamil Nadu	5.23	36
2502	Development of Land suitability model for irrigation Management - A case study for a part of Nagarjunasagar command area, Andhra Pradesh using remote sensing GIS, GPS & Field studies	UGC-MJRP	Reddy, M.A., Prof. (M) Jawaharlal Nehru Technological University Dept. of Environmental Science Hyderabad - 500 072 Andhra Pradesh	11.90	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2503	Development of Metric suite for object - oriented software design	UGC-MJRP	Bhattacharjee,V., Dr. (F) Birla Institute of Technology Lalpur Extension Centre Ranchi - 834 001 Jharkhand	3.39	36
2504	Development of multimodal fingerprint recognition system through multiple impressions & matching techniques	UGC-MJRP	Kale,K.V., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Department of Computer Science Aurangabad - 431 004 Maharashtra	8.97	36
2505	Evolution of a data mining Techniques based decision suport system model for Health care	UGC-MJRP	Kumar,D., Dr. (M) Guru Jambheshwar University of Science & Technology Department of Computer Science Hisar - 125 001 Haryana	7.92	36
2506	Experimental investigation of failure modes in hybrid composites	UGC-MJRP	Shivanand,H.K., Dr. (M) Bangalore University Department of Mechanical Engineering Bengalooru - 560 001 Karnataka	3.99	36
2507	Fabrication & Characterization of nano grain mixed tin - oxide & zinc oxide films as transducers	UGC-MJRP	Uma,V., Dr. (F) Mount Carmel College Department of Electronics, 58, Palace Road Bengalooru - 560 052 Karnataka	9.09	36
2508	Fabrication of Carbon Nano - Tubes (CNTs) & Metal oxide Nano particles modified Chemically Sensitive Field Effect Transistors (Chemfets) for the development of hazardous gas sensors	UGC-MJRP	Shirsat,M.D., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Department of Physics Aurangabad - 431 004 Maharashtra	11.21	36
2509	Fabrication of Metal Matrix Nanocomposites with Ultrasonic cavitation assisted dispersion of reinforcements	UGC-MJRP	Rao,D.N., Dr. (M) College of Engineering Department of Mechanical Engineering Visakhapatnam - 530 003 Andhra Pradesh	10.38	36
2510	FPGA based interface model for scale - free Computer Network	UGC-MJRP	Venkateswaran,P., Dr. (M) Jadavpur University Department of E.T.E. Kolkata - 700 032 West Bengal	5.73	36
2511	Imaging of Ionosphere over the Indian subcontinent using GPS Aided Geo Augmented Navigation (GAGAN) Total Electron Content (TEC) receivers for Civil Aviation Application	UGC-MJRP	Rao,G.S.B., Prof. (M) College of Engineering Department of Electronics Visakhapatnam - 530 003 Andhra Pradesh	8.77	36
2512	Investigation on the implementation of soft computing techniques in Microstrip Antenna Design	UGC-MJRP	Neogy,D.K., Dr. (M) Dhemaji College Department of Electronics Dhemaji - 787 057 Assam	10.87	36
2513	Investigations on friction stir processing of cast aluminum alloys used automobile industries	UGC-MJRP	Senthilkumar,V.S., Dr. (M) Anna University Department of Mechanical Engineering Chennai - 600 025 Tamil Nadu	9.92	36
2514	Job shop scheduling using heuristic methods	UGC-MJRP	Tamilarasi,A., Dr. (M) Kongu Engineering College Department of Computer Science, Perundurai Erode - 638 052 Tamil Nadu	5.86	36

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2515	Knowledge acquisition & capturing for an educational institution	UGC-MJRP	Begam, V.A., Mrs. (F) Thassim Beevi Abdul Kader College for Women Department of Computer Science Kilakeral - 623 517 Tamil Nadu	6.99	36
2516	Non destructive testing using phase shifted digital shearography	UGC-MJRP	Prakash, S., Dr. (M) Devi Ahilya Vishwavidyalaya Department of Instrumentation Indore - 452 017 Madhya Pradesh	10.55	36
2517	Simulation of high - frequency mirror inverter for energy efficient induction heated cooking oven using PSPICE	UGC-MJRP	Sadhu, P.K., Dr. (M) Indian School of Mines Department of Electrical Engineering Dhanbad - 826 004 Jharkhand	7.16	36
2518	Studies on two - phase gas - liquid (Newtonian & Non-Newtonian) flow through piping components coils & flow phenomena using CFD technique	UGC-MJRP	Das, S.K., Dr. (M) Calcutta University Department of Chemical Engineering Kolkata - 700 009 West Bengal	8.60	36
2519	Study of influence of processing method on the exfoliation process for organically modified clay systems in polyurethane nanocomposite coatings	UGC-MJRP	Sharma, A., Dr. (F) Panjab University Department of Chemical Engineering Chandigarh - 160 014 Chandigarh	7.37	36
2520	Surface Mounted Non-Metallic Fibre composite reinforcement for rehabilitation of corrosion - damaged high performance concrete columns	UGC-MJRP	Suguna, K., Dr. (M) Annamalai University Department of Structural Engineering Annamalainagar - 608 002 Tamil Nadu	9.27	36
2521	A study of BSNL cellular services in Kolhapur	UGC-MNRP	Kadam, U.P., Mrs. (F) Shivaji University Department of Computer Science Kolhapur - 416 004 Maharashtra	0.60	24
2522	A study of Functional Magnetic Resonance Image (fMRI) analysis & diagnoses of brain	UGC-MNRP	Satheeshkumar, J., Dr. (M) Bharathiar University Department of Computer Science Coimbatore - 641 046 Tamil Nadu	0.55	24
2523	An extended architecture from E learning to mobile learning for learners assessment system using SMS	UGC-MNRP	Ramesh, T., Dr. (M) Bharathiar University Department of Computer Science Coimbatore - 641 046 Tamil Nadu	0.55	24
2524	Classification & recognition of Tamil handwritten characters using self-organizing Maps	UGC-MNRP	Subashini, P., Dr. (F) Lt. Avinashilingam Institute for Home Science & Higher Education for Women Department of Computer Science Coimbatore - 641 043 Tamil Nadu	0.55	24
2525	Design & development of efficient data cleaning algorithm for biological databases	UGC-MNRP	Bhuvaneswari, V., Dr. (F) Bharathiar University Department of Computer Science Coimbatore - 641 046 Tamil Nadu	0.55	24
2526	Development of methodologies for Hybrid image compression using soft computing techniques	UGC-MNRP	Rajeswari, R., Dr. (F) Bharathiar University Department of Computer Science Coimbatore - 641 046 Tamil Nadu	0.60	24

BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
2527	Flood estimation & forecasting across multiple sites in Kosi river using artificial Neural Network	UGC-MNRP	Sahay,R.R., Dr. (M) Birla Institute of Technology Department of Civil Engineering Ranchi - 835 215 Jharkhand	1.00	24
2528	Performance evaluation of wireless network with GPS based RADAR	UGC-MNRP	Gonsai,A.M., Dr. (M) Saurashtra University Department of Computer Science Rajkot - 360 005 Gujarat	0.67	24
2529	Statistical approach for segmentation of color image & its application for text extraction from color backgrounds	UGC-MNRP	Roy,U., Dr. (M) Visva Bharati Department of Computer Science Santiniketan - 731 235 West Bengal	0.63	24
2530	Study of Climate changes due to global warming in Jharkhand & a new intelligent model for Air pollutant concentration prediction	UGC-MNRP	Lal,B., Mrs. (F) Birla Institute of Technology Department of Civil Engineering Ranchi - 835 215 Jharkhand	1.00	24
2531	Study of reverse logistics practices	UGC-MNRP	Kurup,S.B., Dr. (F) Avinashilingam Institute for Home Science & Higher Education for Women Department of Computer Science Coimbatore - 641 043 Tamil Nadu	0.40	24
2532	Study on Supply Chain Management (SCM) related practices in Indian Small & Medium-sized enterprises (SMes)	UGC-MNRP	Sharma,M.K., Dr. (M) Jai Narain Vyas University Department of Industrial Engineering Jodhpur - 342 005 Rajasthan	0.35	24
2533	Survey & analysis of Software development methodologies & collaborative tools used in offshore outsourced projects	UGC-MNRP	Kulkarni,V., Dr. (F) Delhi University Department of Computer Science Delhi - 110 007 Delhi	0.80	24
Total Cost of 766 Projects Under: Engineering and Technology				47,253.08	

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
2534	A novel approach to numerical solution of electroosmotic flow	AICTE-RP	Mohan,V., Mr. (M) Thiagarajar College of Engineering Department of Mathematics Madurai - 625 015 Tamil Nadu	4.60	24
2535	A study of the Ramanujan's mock Theta functions & partition identities	CSIR-GS	Agarwal,A.K., Dr. (M) Panjab University Centre for Applied Science in Mathematics Chandigarh - 160 014 Chandigarh	2.25	36
2536	Analysis of discrete time inventory systems	CSIR-GS	Arivarignan,G., Dr. (M) Madurai Kamaraj University Department of Applied Maths & Statistics Madurai - 625 021 Tamil Nadu	7.26	36
2537	Control charts for auto correlated observations on grid	CSIR-GS	Chaturvedi,A., Dr. (M) Allahabad University Department of Statistics Allahabad - 221 004 Uttar Pradesh	2.00	36
2538	Numerical investigation of stability & convective transport in doublediffusive non - darcy porous media with focus on second order effects	CSIR-GS	Murthy,P.V.S.N., Dr. (M) Indian Institute of Technology (Kh) Department of Mathematics Kharagpur - 721 302 West Bengal	9.01	36
2539	Representation of functions of several variables as a sum of functions of one variable	CSIR-GS	Navada,K.G., Dr. (F) Periyar University Department of Mathematics Salem - 636 011 Tamil Nadu	2.00	36
2540	Fractional Calculus applied to describe Reactor Kinetics & Flux Mapping	DAE-BRNS	Ray,S.S., Mr. (M) Senior Lecturer Heritage Institute of Technology Department of Mathematics Kolkata - 700 107 West Bengal	9.86	6
2541	Mathematical Modeling of Consciousness	DRDO-GIA	Kumar,K.R., Dr. (M) Lecturer N.S.S. College Department of Mathematics Pandalam - 689 501 Kerala	1.15	12
2542	Reliability Modelling & Analysis of a two - unit Cold Standby System with Two Types of Repair Policies & Accident	DRDO-GIA	Juneja,J., Dr. (F) Principal G.V.M.G. College Sonepat - 131 001 Haryana	3.97	12
2543	Studies on Manpower Planning Through Stochastic Programming	DRDO-GIA	Reddy,R., Prof. (M) Dravidian University Department of Mathemataical Sciences Kuppam - 517 425 Andhra Pradesh	4.60	12
2544	Flow perturbation & sediment suspension over sandy bedforms: Theoretical & experimental studies	DST-SERC- FT	Ghoshal,K., Dr. (F) Indian Institute of Technology (Kh) Department of Mathematics Kharagpur - 721 302 West Bengal	1.26	36
2545	A Statistical investigation - Discriminant Analysis in High Dimention	DST-SERC-FT	Banerjee,S., Dr. (M) Defence Institute of Advanced Technology (DIAT) Faculty of Applied Mathematics Pune - 411 025 Maharashtra	2.22	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
2546	Radiation contribution to various Flavour changing Neutral Current (FCNC) processes in B-meson decay	DST-SERC-FT	Das,P.K., Dr. (M) Institute of Mathematical Sciences Chennai - 600 113 Tamil Nadu	11.52	36
2547	Stability & convection in rapidly rotating fluid systems	DST-SERC-FT	Saravanan,S., Dr. (M) Bharathiar University Department of Mathematics Coimbatore - 641 046 Tamil Nadu	2.46	36
2548	The properties of Invertible Fuzzy Topological Spaces	DST-SERC-FT	Mathew,S.C., Dr. (M) St. Thomas College Department of Mathematics Kottayam - 686 574 Kerala	1.98	36
2549	A study of excellent & very excellent graphs with respect to various domination & fractional dominationwithin the scope provided under the Core Group Research Facilities Kalasalingam University, Krishnankoil	DST-SERC-SC	Sridharan,N., Dr. (M) Alagappa University Department of Mathematics Karaikudi - 630 003 Tamil Nadu	6.65	36
2550	A study on excellent & very excellent graphs with respect to various domination & fractional domination parameters	DST-SERC-SC	Sridharan,N., Dr. (M) Alagappa University Department of Mathematics Karaikudi - 630 003 Tamil Nadu	12.98	36
2551	Boundary Integral work bench for viscous flows through porous media	DST-SERC-SC	Sekhar,G.P.R., Dr. (M) Indian Institute of Technology (Kh) Department of Mathematics Kharagpur - 721 302 West Bengal	9.33	36
2552	CARDMATH to be coordinated	DST-SERC-SC	Arumugham,S., Dr. (M) Kalasalingam University Krishnankoil - 626 190 Tamil Nadu	138.50	36
2553	Combinatorial optimization in packing problems specific to VLSI Design to be implemented within the scope provided under the Core Group Research Facilities (CGRF) of the National Centre for Advanced(n-CARDMATH), Kalasalingam University, Krishnankoil	DST-SERC-SC	Subbaraj,P., Dr. (M) Kalasalingam University Department of E.C.E. Krishnankoil - 626 190 Tamil Nadu	9.94	36
2554	Controlled Semi - Markov processes & applications to finance	DST-SERC-SC	Ghosh,M.K., Prof. (M) Indian Institute of Science Department of Mathematics Bengaluru - 560 012 Karnataka	11.00	36
2555	Decomposition & factorization graphs	DST-SERC-SC	Muthuswamy,A., Dr. (M) Bharathidasan University Department of Mathematics Tiruchirappalli - 620 024 Tamil Nadu	10.56	36
2556	Delay - Diffusion Mathematical models of some complex biological systems: Deterministic & Stochastic analysis	DST-SERC-SC	Bhattacharya,R., Dr. (F) The Calcutta Technical School Kolkata - 700 013 West Bengal	8.87	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2557	Development of Hybrid Metaheuristic Algorithms for solving power system operations planning under deregulated environment to be implemented within the scope provided under the Core Group Research Facilities(n-CARDMATH),..... Krishnakoil	DST-SERC-SC	Kannan,S., Dr. (M) Kalasalingam University Dept. of Electrical & Electronics Engg. Krishnakoil - 626 190 Tamil Nadu	7.88	36
2558	Distance concepts in graphs & applications	DST-SERC-SC	Santhakumaran,A.P., Dr. (M) St. Xavier's College Department of Mathematics Palayamkottai - 627 002 Tamil Nadu	7.20	36
2559	Domination in Cayley Graphs to be implemented within the scope provided under the Core Group Research Facilities (CGRF) of the National Centre for Advanced Research Discrete Mathematics (n-CARDMATH), Kalasalingam University, Krishnakoil	DST-SERC-SC	Chelvam,T.T., Prof. (M) Manonmaniam Sundaranar University Department of Mathematics Tirunelveli - 627 012 Tamil Nadu	7.73	36
2560	Graceful directed graphs	DST-SERC-SC	Hedge,S.M., Dr. (M) National Institute of Technology (Karnataka) Surathkal - 575 025 Karnataka	14.92	36
2561	Graph theory & combinatorial Computing with Industrial & Engineering Applications	DST-SERC-SC	Swaminathan,V., Dr. (M) S.N. College Ramanujan Research Centre in Mathematics Madurai - 625 025 Tamil Nadu	13.40	36
2562	Investigation of torsional surface waves in non - homogeneous layered earth	DST-SERC-SC	Gupta,S., Dr. (M) Indian School of Mines Department of Applied Mathematics Dhanbad - 826 004 Jharkhand	4.08	36
2563	Mathematical modelling & simulation of image based visual servo control of robot	DST-SERC-SC	Sukavanam,N., Dr. (M) Indian Institute of Technology (R) Department of Mathematics Roorkee - 247 667 Uttarakhand	10.97	36
2564	Multilevel Multicriteria Optimization of water supply facility expanding planning to be implemented within the scope provided under the Core Group Research Facilities (CGRF) of the National Centre for Advanced Research in Discrete Mathematics (n-CARDMATH)	DST-SERC-SC	Thangaraj,C., Dr. (M) Kalasalingam University Department of Civil Engineering Krishnakoil - 626 190 Tamil Nadu	7.88	36
2565	Non - Parametric Inference related to symmetric distributions	DST-SERC-SC	Rattihalli,R.N., Prof. (M) Shivaji University Department of Statistics Kolhapur - 416 004 Maharashtra	9.24	36
2566	Setting up of a DST Centre for Mathematical Biology at IISc, Bangalore	DST-SERC-SC	Rangarajan,G., Prof. (M) Indian Institute of Science Department of Mathematics Bengalooru - 560 012 Karnataka	300.56	36
2567	Stochastic process modeling & forecasting through discrete non-linear time series approach	DST-SERC-SC	Ghosh,H., Dr. (M) Indian Agricultural Statistics Research Institute New Delhi - 110 012 Delhi	15.25	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2568	Studies of some technologically important boundary layer flow problems & heat transfer in magnets hydrodynamics	DST-SERC-SC	Phukan,D.K., Dr. (M) Moran College Department of Mathematics Moranhat - 785 670 Assam	4.02	36
2569	Studies of works of Srinivasa Ramanujan related works & applications	DST-SERC-SC	Bhargava,S., Dr. (M) (Retd) Mysore University Department of Mathematics Mysore - 570 006 Karnataka	9.63	36
2570	Study for assessment, Estimation & prevention of Non-Point Source Ground Water Contamination in Fuzzy Environment using Genetic Algorithms & apply High Performance Computing	DST-SERC-SC	Pant,M., Dr. (F) Indian Institute of Technology (R) Department of Pepper Technology Roorkee - 247 667 Uttarakhand	13.97	36
2571	Study of polarization properties of Radiation in a contact binary star perturbed by a third star	DST-SERC-SC	Barman,S.K., Dr. (M) Indira Gandhi National Open University Department of Mathematics Malda - 732 101 West Bengal	7.14	36
2572	Wavelets & their applications in computational mechanics	DST-SERC-SC	Kumar,S., Dr. (M) Banaras Hindu University Institute of Technology Varanasi - 221 005 Uttar Pradesh	10.09	36
2573	A study of asymptotic properties of records	DST-SERC-WOS	Gangopadhyaya,S., Dr. (F) Indian Statistical Institute Kolkata - 700 108 West Bengal	10.68	36
2574	Microcanonical Monte Carlo simulations of XY model & other model spin systems	DST-SERC-WOS	Ota,S., Dr. (F) Institute of Mathematics & Applications Bhubaneswar - 751 007 Orissa	10.26	36
2575	A study of the socio-economic status of women associated with Kudumbashree Mission in Kerala during 2000-05	UGC-MJRP	Sajeev,G., Dr. (F) Baselios Poulose II Catholicos College Department of Mathematics Ernakulam - 686 664 Kerala	6.09	36
2576	A study on performance of self help groups of Dharwad District	UGC-MJRP	Gudaganavar,N.V., Mr. (M) Anjuman Arts, Science & Commerce College Department of Statistics Dharwad - 580 001 Karnataka	7.25	36
2577	A Theoretical study of the problems of Magnetohydrodynamic flow of a viscous incompressible electrical alloy conducting fluid a rotating medium	UGC-MJRP	Seth,G.S., Dr. (M) Indian School of Mines Department of Mathematics Dhanbad - 826 004 Jharkhand	6.64	36
2578	Analysis of fracture Mechanical behaviour of piezoelectric & functionally graded materials weakened by three dimensional Crack (S)	UGC-MJRP	Roy,A., Prof. (M) Calcutta University Department of Mathematical Science Kolkata - 700 009 West Bengal	5.92	36
2579	Application of Wavelet & Variational Methods to problems of finance	UGC-MJRP	Siddiqi,A.H., Dr. (M) Aligarh Muslim University Department of Mathematics Aligarh - 202 002 Uttar Pradesh	11.03	36

BROAD SUBJECT AREA : MATHEMATICS					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2580	Cellularity & combinatorial representation theory of a class of diagram Algebras	UGC-MJRP	Parvathi, S., Dr. (F) Madras University Department of Mathematics Chennai - 600 005 Tamil Nadu	8.39	36
2581	Differential Geometry of CR-submanifolds & applications	UGC-MJRP	Shahid, M.H., Dr. (M) Jamia Millia Islamia Department of Mathematics New Delhi - 110 025 Delhi	5.16	36
2582	Estimating the chaotic dynamics in the human brain via fractal dimension	UGC-MJRP	Uthayakumar, R., Dr. (M) Gandhigram Rural Institute Department of Mathematics Gandhigram - 624 302 Tamil Nadu	7.27	36
2583	Estimation & Prediction in Non-Linear statistical models	UGC-MJRP	Misra, G.C., Dr. (M) D.A.V. College Department of Statistics Kanpur - 208 002 Uttar Pradesh	8.99	36
2584	Fuzzy - Stochastic variable/parameter & its application in decision making problems	UGC-MJRP	Maiti, M., Prof. (F) Vidyasagar University Department of Mathematics Midnapore - 721 102 West Bengal	5.92	36
2585	Generalized differential operators in rings & their applications	UGC-MJRP	Ali, A., Dr. (F) Aligarh Muslim University Department of Mathematics Aligarh - 202 002 Uttar Pradesh	1.71	36
2586	Immunotherapy of Malignant Brain Tumor with T11 Target Structure (T11TS) a study based on Mathematical Modeling	UGC-MJRP	Banerjee, S., Dr. (M) Birla Institute of Technology & Science Department of Mathematics Pilani - 333 031 Rajasthan	1.96	36
2587	Measures of information & their applications to study various optimization principles	UGC-MJRP	Omparkash, Dr. (M) Guru Nanak Dev University Department of Mathematics Amritsar - 143 005 Punjab	5.13	36
2588	Properties of some generalized special functions of Mathematical Physics	UGC-MJRP	Khan, S., Dr. (F) Aligarh Muslim University Department of Mathematics Aligarh - 202 002 Uttar Pradesh	1.71	36
2589	Some Studies on the Application of Stochastic PROCESS, Operation research & fuzzy mathematics in development of software reliability models	UGC-MJRP	Chatterjee, S., Dr. (M) Indian School of Mines Department of Mathematics Dhanbad - 826 004 Jharkhand	7.77	36
2590	Statistical informatics Modeling for Synergetic development of Uttar Pradesh (U.P.) through Power Generation & Distribution (PGD) System	UGC-MJRP	Rizvi, S.A.H., Dr. (M) Shia Degree College Department of Statistics Lucknow - 226 020 Uttar Pradesh	7.62	36
2591	Studies on the representation Theorem of Information Algebras	UGC-MJRP	Nagarajan, E.K.R., Dr. (M) Ayya Nadar Janaki Ammal College Department of Mathematics Sivakasi - 626 124 Tamil Nadu	5.13	36

BROAD SUBJECT AREA : MATHEMATICS

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
2592	Study of Fuzzy Distributive lattices & their applications	UGC-MJRP	Pawar,Y.S., Dr. (F) Professor Shivaji University Department of Mathematics Kolhapur - 416 004 Maharashtra	6.24	36
2593	Ternary semigroups & associated structures	UGC-MJRP	Bala,S.S., Dr. (F) Madras University Department of Mathematics Chennai - 600 017 Tamil Nadu	6.20	36
2594	A Study on cooperative games with fuzzy coalitions & vague expectation	UGC-MNRP	Borkotokey,S., Dr. (M) Dibrugarh University Department of Mathematics Dibrugarh - 786 004 Assam	0.45	24
2595	Implementation of Methodology for uncertain Mathematical programming through Genetic Algorithms	UGC-MNRP	Roy,S.K., Dr. (M) Vidyasagar University Department of Mathematics Midnapore - 721 102 West Bengal	0.40	24
2596	Role of Variable viscosity in viscous flows	UGC-MNRP	Verma,V.K., Dr. (M) Lucknow University Department of Mathematics Lucknow - 226 007 Uttar Pradesh	0.35	24
2597	Study of a type singular interface problem	UGC-MNRP	Baruah,P.K., Dr. (M) Sri Sathya Sai Institute of Higher Learning Department of Mathematics Anantapur - 515 134 Andhra Pradesh	0.50	24
Total Cost of 64 Projects Under: <i>Mathematics</i>				856.69	

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
2598	Cardioprotective properties of black tea on oxidative stress models of myocardial ischemic reperfusion injury: A Molecular Pharmacological Study	AICTE-RP	Gauthaman,K., Mr. (M) Himalayan Pharmacy Institute Department of Pharmaceutical Chemistry Rangpo - 737 136 Sikkim	17.00	24
2599	Discovery of novel lead for target in Malaria parasite	AICTE-RP	Kawathekar,N., Ms. (F) Shri G.S.Institute of Technology & Science Department of Pharmacy Indore - 452 003 Madhya Pradesh	9.00	24
2600	Design & development of herbal origin novel drug carrier systems for treatment of vaginal afflictions	AICTE-RP	Iqbal,Z., Ms. (F) Jamia Hamdard Department of Pharmacy New Delhi - 110 062 Delhi	11.50	24
2601	Design & development of novel steroidal aromatase inhibitors	AICTE-RP	Yadav,M.R., Mr. (M) M.S. University of Baroda Department of Pharmacy Vadodra - 390 001 Gujarat	19.50	24
2602	Design synthesis & evaluation of new inhibitors of P38 kinase as antiinflammatory/ antiarthritic agents	AICTE-RP	Achaiah,G., Mr. (M) University College of Pharmaceutical Sciences Department of Pharmacy Warangal - 506 009 Andhra Pradesh	10.00	24
2603	Design, synthesis & biological evaluation of novel anti-fungal agents	AICTE-RP	Bari,S.B., Mr. (M) R.C. Patel College of Pharmacy Department of Pharmaceutical Chemistry Shirpur (Dhule) - 425 405 Maharashtra	7.90	24
2604	Design, synthesis & evaluation of some damni analogs as NNRTIs with broad spectrum chemotherapeutic properties	AICTE-RP	Ganguly,S., Ms. (F) Birla Institute of Technology Department of Pharmacy, Mesra Ranchi - 835 215 Jharkhand	8.37	24
2605	Development & evaluation of antidiabetic polyherbal formulation	AICTE-RP	Mandal,S.C., Mr. (M) Jadavpur University Department of Pharmaceutical Technology Kolkata - 700 032 West Bengal	10.00	24
2606	Development of cardioprotective lead molecule from bombax ceiba flowers: A pharmacological & molecular biological study	AICTE-RP	Ravi,V., Mr. (M) Himalayan Pharmacy Institute Department of Pharmaceutical Chemistry Rangpo - 737 136 Sikkim	9.00	24
2607	Development of chromatographic Forskolin	AICTE-RP	Ahmad,S., Mr. (M) Jamia Hamdard Department of Pharmacy New Delhi - 110 062 Delhi	19.00	24
2608	Development of glutamamide analogs using a new anticancer technology	AICTE-RP	Jha,T., Mr. (M) Jadavpur University Department of Pharmacy Kolkata - 700 032 West Bengal	14.00	24
2609	Development of herbal medicines for neuro degenerative disorders	AICTE-RP	Shamrao,N.V., Ms. (F) N.D.M.V.P. Samaj's College of Pharmacy Department of Pharmacy Nasik - 422 003 Maharashtra	10.00	24

BROAD SUBJECT AREA : MEDICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
2610	Development of novel formulations for first generation biopharmaceuticals	AICTE-RP	Kumar,A.R., Mr. (M) Manipal College of Pharmaceutical Sciences Department of Pharmacy Manipal - 576 104 Karnataka	11.00	24
2611	Development of novel herbal drugs for the treatment of complications of diabetes	AICTE-RP	Bodhankar,S.L., Mr. (M) Poona College of Pharmacy Department of Pharmacy Pune - 411 038 Maharashtra	10.00	24
2612	Development of potential anticancer agents: Study of natural products as ligands of AhR using consensus modeling	AICTE-RP	Joshi,U.J., Mr. (M) Prince K.M. Kundnani College of Pharmacy Department of Pharmacy Mumbai - 400 005 Maharashtra	8.75	24
2613	Effect of phyllanthus fraternus Cytotoxicity in HEPG2 cell line	AICTE-RP	Wahi,A.K., Mr. (M) College of Pharmacy Department of Pharmacy Moradabad - 244 001 Uttar Pradesh	8.50	24
2614	Evaluation of antihypertensive activity of combined extract of passiflora nepalensis & bombax ceiba on acute & chronic renal hypertensive rats	AICTE-RP	Patel,S.S., Mr. (M) Himalayan Pharmacy Institute Department of Pharmacology, Majjhitar East Rangpo - 737 136 Sikkim	6.00	24
2615	Evaluation of combined therapy of B-adrenergic receptor antagonist with antidepressant & anxiolytic agents with special reference to depression, anxiety & stress	AICTE-RP	Khanam,R., Ms. (F) Jamia Hamdard Department of Pharmacy Delhi - 110 062 Delhi	7.25	24
2616	Formulation & evaluation of mucoadhesive microemulsions for intranasal delivery of psychotropic drug	AICTE-RP	Patel,R.B., Mr. (M) A.R. College of Pharmacy & G.H. Patel Institute of Pharmacy Vallabh Vidyanagar - 388 120 Gujarat	7.60	24
2617	Formulation & evaluation of multiparticulate pulsatile drug delivery system	AICTE-RP	Gattani,S.G., Mr. (M) R.C. Patel College of Pharmacy Department of Pharmacy Shirpur (Dhule) - 425 405 Maharashtra	7.50	24
2618	Formulation development of absorption efflux drugs & study of the influence of their release pattern on the pharmacokinetic parameters	AICTE-RP	Nath,L.K., Mr. (M) Dibrugarh University Department of Pharmaceutical Dibrugarh - 786 004 Assam	15.00	24
2619	Latentiated derivatives of antiarthritic agents: Synthesis, kinetic studies & pharmacological evaluation	AICTE-RP	Dhaneshwar,S.R., Mr. (M) Poona College of Pharmacy Department of Pharmacy Pune - 411 038 Maharashtra	8.30	24
2620	Lead modification & optimization of a series of imidazopyrimidines, a potent antitubercular agents by 3D QSAR & molecular modeling studies	AICTE-RP	Chhabria,M.T., Mr. (M) L.M. College of Pharmacy Department of Pharmacy Ahmedabad - 380 009 Gujarat	13.00	24
2621	Molecular mechanism of various toxicants & drugs causing liver cell death & their role on mitochondrial damage	AICTE-RP	Raj,P.V., Mr. (M) Manipal College of Pharmaceutical Sciences Department of Pharmacy Manipal - 576 104 Karnataka	10.00	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
2622	Nanoparticles of dexamethazone for delivery to posterior segment of the eye	AICTE-RP	Pandit,J.K., Mr. (M) Banaras Hindu University Institute of Technology Varanasi - 221 005 Uttar Pradesh	18.00	24
2623	Non lipid lowering properties of HMG-CoA reductase inhibitors	AICTE-RP	Kumar,S.V., Ms. (F) Himalayan Pharmacy Institute Department of Pharmacy, Majhitar East Rangpo - 737 136 Sikkim	8.50	24
2624	Novel lipid based carrier systems of drugs with poor oral bioavailability	AICTE-RP	Nagarsenker,M.S., Mr. (M) Bombay College of Pharmacy Department of Pharmacy Mumbai - 400 098 Maharashtra	12.00	24
2625	Pharmacological & phytochemical investigation of some Indian mistletoe species	AICTE-RP	Surana,S.J., Mr. (M) R.C. Patel College of Pharmacy Department of Pharmacognosy Shirpur (Dhule) - 425 405 Maharashtra	9.95	24
2626	Pharmacological investigation of selected medicinal plants in inflammation & inflammatory conditions of Asthma	AICTE-RP	Saraf,M.N., Mr. (M) Bombay College of Pharmacy Department of Pharmacy Mumbai - 400 098 Maharashtra	13.00	24
2627	Phenotypic measures of cytochrome P450 activity in Mumbai population	AICTE-RP	Shirsat,V.A., Ms. (F) Bombay College of Pharmacy Department of Pharmacy Mumbai - 400 098 Maharashtra	8.00	24
2628	Phytochemical & pharmacological evaluation of antiarthritic plants from Indian systems of medicine for novel formulation development	AICTE-RP	Mahadik,K.R., Mr. (M) Poona College of Pharmacy Department of Pharmacy Pune - 411 038 Maharashtra	20.00	24
2629	Phytochemical standardization & pharmacological evaluation of some potential anti-gastrointestinal ulcer plants	AICTE-RP	Sahu,A.N., Mr. (M) Banaras Hindu University Institute of Technology Varanasi - 221 005 Uttar Pradesh	10.65	24
2630	Psychopharmacological investigations for the effective management of neuropsychiatric disorders	AICTE-RP	Parle,M., Mr. (M) Guru Jambheshwar University of Science & Technology Department of Pharmacy Hisar - 125 001 Haryana	15.00	24
2631	Role of some herbal drugs in diabetic retinopathy	AICTE-RP	Srinivasan,B.P., Mr. (M) Delhi Institute of Pharmaceutical Sciences & Research Department of Pharmacy New Delhi - 110 017 Delhi	12.20	24
2632	Study of role of ACE inhibitors in combination with angiotensin receptor blockers on various models of myocardial ischemic reperfusion injury -A molecular approach	AICTE-RP	Saleem,T.S.M., Mr. (M) Himalayan Pharmacy Institute Department of Pharmaceutical Chemistry Rangpo - 737 136 Sikkim	10.75	24
2633	Synthesis & antifungal activity of 1-alkyl-2-methylaminophenyl (4-N 4-alkyl/arylpiperazinyl) benzimidazoles	AICTE-RP	Baburao,W.S., Mr. (M) N.D.M.V.P. Samaj's College of Pharmacy Department of Pharmacy Nasik - 422 003 Maharashtra	8.70	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
2634	Tissue culture, phytochemical & conservational studies on <i>decapetis hamiltonii</i>	AICTE-RP	Dang,R., Mr. (M) Al-Ameen College of Pharmacy Department of Pharmacy Bengalooru - 560 027 Karnataka	10.00	24
2635	To develop suitable oral dosage form containing <i>grewia tenax</i> : (F0 RSSK)	AICTE-RP	Kulkarni,P.K., Mr. (M) J.S.S. College of Pharmacy Department of Pharmacy Mysore - 570 015 Karnataka	12.00	24
2636	Comprehensive study on standardization, preparation & shelf life study of Guggulu kshar Sutra & patient registration System of fistula in Ano.	AYUSH-EMR	Sahu,M., Prof. (M) Head Banaras Hindu University Institute of Medical Science Varanasi - 221 005 Uttar Pradesh	20.57	24
2637	Development of novel therapeutic strategies for diabetic neuropathy & nephropathy	AYUSH-EMR	Chopra,K., Dr. (F) Reader University Institute of Pharmaceutical Sciences Department of Pharmacology Chandigarh - 161 014 Chandigarh	7.60	24
2638	Effect of oyster mushroom (<i>pleurotus</i> spp.) on glycemic control, lipid profile & diabetic quality of life in type 2 diabetic patients. Double blind placebo controlled study	AYUSH-EMR	Agrawal,R.P., Dr. (M) S.P.M. College Diabetes Care & Research Centre Bikaner - 334 003 Rajasthan	4.81	12
2639	Evaluation of Ayurvedic drugs - <i>Juglans regia</i> (Akharoti), <i>Prunus Amygdalus</i> (Badam), <i>Ocinum Basalicum</i> (Tulsi) & <i>Benincasa Hispidia</i> (Kosmanda) for their <i>Medhya Rasayana</i> Effects in Learning & Memory on animal models	AYUSH-EMR	Mengi,S., Dr. (F) Assistant. Professor C.U. Shah College of Pharmacy Mumbai - 400 049 Maharashtra	15.00	36
2640	Evaluation of Indian medicinal plants for anti-atherosclerotic effects & exploration of their possible mechanism of action	AYUSH-EMR	Rege,N.N., Dr. (F) Associate Professor Seth G.S. Medical College & K.E.M. Municipal Hospital Department of Pharmacology & Therapeutics Mumbai - 400 012 Maharashtra	25.00	36
2641	Evaluation of safety profile of herbs used in Ayurveda with CYP-450 enzymes inhibition method	AYUSH-EMR	Mukherjee,P.K., Dr. (M) Director Jadavpur University School of Natural Product Studies Kolkata - 700 032 West Bengal	22.16	36
2642	In Vitro study of the antioxidant, iron chelating & DNA protective properties of medicinal plants, their formulations & usefulness to combat cancer	AYUSH-EMR	Mandal,N., Dr. (M) Bose Institute Immunotechnology Section Kolkata - 700 054 West Bengal	21.91	36
2643	Molecular & immuno-histochemical studies on the cardioprotective mechanism(s) of <i>Terminalia Arujna</i> (TA), <i>Curcuma longa</i> & <i>Eugenia Jambolana</i> (EJ) in ischemic model of myocardial infraction - An experimental study	AYUSH-EMR	Sharma,S.B., Prof. (F) Head College of Medical Sciences Department of Biochemistry Delhi - 110 095 Delhi	14.11	24
2644	Pre-clinical studies of a Polyherbal & a Herbomineral Formulation in the management of Urolithiasis - A Comparative study	AYUSH-EMR	Vasanthi,A.H.R., Dr. (F) Sri Ramachandra Medical College & Research Institute Chennai - 600 116 Tamil Nadu	22.89	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2645	To evaluate the effect, safety & tolerability of Ayurvedic drug Sc3 in Sickle Cell Anemia patient (SCA)	AYUSH-EMR	Yeola, G.H., Dr. (M) Lecturer Sumatibhai Shah Ayurved Mahavidyalaya Pune - 411 028 Maharashtra	17.17	36
2646	Vaginal Formulation from Ayurvedic Medicinal Plants (Panchavalka) in Treatment of Leucorrhoea	AYUSH-EMR	Joshi, J., Dr. (F) Research Scientist Kasturba Health Society Mumbai - 400 056 Maharashtra	7.20	24
2647	Changes in sleep wakefulness induced by environmental temperature: A study of the mechanisms involved	CSIR-ES	Kumar, V.M., Dr. (M) Sree Chitra Tirunal Institute for Medical Sciences & Technology Department of Neurology Thiruvananthapuram - 695 041 Kerala	14.46	36
2648	Long term functional restoration in 6 - hydroxydopamine lesioned rat model of Parkinson's disease: Co-transplantation of neural progenitor cells with cultured Zuckerkandl's organ	CSIR-ES	Agrawal, A.K., Dr. (M) Industrial Toxicology Research Centre Lucknow - 226 001 Uttar Pradesh	14.46	36
2649	Tapping the potentials of secondary metabolites from marine organisms for Anti-Diabetic, Anti-Malarial, Anti-Invasive & Anti-Cancer activities for the benefit of mankind	CSIR-ES	Naik, C.G., Dr. (M) National Institute of Oceanography Bioorganic Chemistry Laboratory Dona Paula - 403 004 Goa	8.70	36
2650	A study of Anemias in Eastern India with special reference to the interaction of iron deficiency & haemoglobinopathies	CSIR-GS	Chakrabarti, S., Prof. (F) Vivekananda Institute of Medical Sciences Department of Biochemistry Kolkata - 700 026 West Bengal	17.26	36
2651	A study of viral replication inhibition by down regulation of NS1 gene	CSIR-GS	Khanna, M., Dr. (F) Vallabhbhai Patel Chest Institute Department of Respiratory Virology Delhi - 110 007 Delhi	18.26	36
2652	Cellular & endoplasmic reticular response in NSC - 34 motor neuron cell line on exposure to CSF from amyotrophic lateral Sclerosis patients	CSIR-GS	Raju, T.R., Prof. (M) National Institute of Mental Health & Neuro Sciences (NIMHANS) Department of Physiology Bengalooru - 560 029 Karnataka	11.04	24
2653	Characterizing the mitochondrial alterations during carcinogenesis using a genetically well - characterized, step-wise cancer progression model system	CSIR-GS	Rangarajan, A., Dr. (F) Indian Institute of Science Dept. of Molecular Repro., Dev. & Genetics Bengalooru - 560 012 Karnataka	18.76	36
2654	Chronic immune activation associated with leprosy: Role of hyporesponsiveness & anergy	CSIR-GS	Rao, D.N., Dr. (M) All India Institute of Medical Sciences Department of Biochemistry New Delhi - 110 029 Delhi	12.04	24
2655	Cyclooxygenases: As possible target (s) in Parkinson's disease	CSIR-GS	Kulkarni, S.K., Prof. (M) Panjab University Pharmacology Division Chandigarh - 160 014 Chandigarh	15.26	36
2656	Design & development of 5-HT 3 receptor antagonists as potential agents for the treatment of cancer chemotherapy induced nausea & vomiting	CSIR-GS	Perumal, R.V., Dr. (M) Periyar College of Pharmaceutical Sciences Department of Pharma. Chemistry Tiruchirappalli - 620 021 Tamil Nadu	12.41	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (in Months)
2657	Design & Development of non-fibrillar amyloid B as a potential Alzheimer vaccine	CSIR-GS	Subramanian, S., Dr. (F) National Institute of Mental Health & Neuro Sciences (NIMHANS) Department of Neurochemistry Bengaluru - 560 029 Karnataka	12.10	36
2658	Evaluation of minocycline as a neuroprotective &/or anti-inflammatory &/or anti viral drug in Japanese Encephalitis	CSIR-GS	Basu, A., Dr. (M) National Brain Research Centre Gurgaon - 122 050 Haryana	19.26	36
2659	Evaluation of phenotypic & genotypic methods for the detection & characterization of metallo B - lactamases in clinical isolates of <i>Pseudomonas aeruginosa</i>	CSIR-GS	Thukral, S.S., Prof. (M) Vallabhbhai Patel Chest Institute Department of Microbiology Delhi - 110 007 Delhi	18.26	36
2660	Molecular studies on hereditary cataracts	CSIR-GS	Kannabiran, C., Dr. (F) L.V. Prasad Eye Institute Hyderabad - 500 034 Andhra Pradesh	11.50	36
2661	Novel biodegradable long circulating nanoparticles for systemic delivery of Insulin through pulmonary route for treatment of Diabetes	CSIR-GS	M.N.V. Ravikumar, Dr. (M) National Institute of Pharmaceutical Education & Research Mohali - 160 062 Punjab	18.21	36
2662	Pathways of cigarette smoke condensate - induced apoptosis in type-I & type-II lung epithelial cells: Role of Phospholipase Isoforms (PLA2)	CSIR-GS	Khanduja, K.L., Prof. (M) P.G. Institute of Medical Education & Research Department of Biophysics Chandigarh - 160 012 Chandigarh	14.76	36
2663	Studies on the antimetastatic action of pentoxifylline on B16F10 Melanoma cells through its effects on integrin mediated functions	CSIR-GS	Gude, R.P., Dr. (M) Advanced Centre for Treatment Research & Education in Cancer Tata Memorial Centre Navi Mumbai - 410 208 Maharashtra	15.85	36
2664	Sub - cellular localization & biochemical characterization of human phospholipid scramblases	CSIR-GS	Gummadi, S.N., Dr. (M) Indian Institute of Technology (M) Department of Biotechnology Chennai - 600 036 Tamil Nadu	9.00	36
2665	The role of proteomic approach & biomarkers (Leptin & Adiponectin) in the diagnosis of Endometriosis	CSIR-GS	Kriplani, A., Prof. (F) All India Institute of Medical Sciences Department of Obstet. & Gynecology New Delhi - 110 029 Delhi	16.61	36
2666	The t (14 18) translocation in follicular lymphoma: Mechanism of fragility of Bcl-2 minop breakpoint cluster region	CSIR-GS	Raghavan, S.C., Dr. (M) Indian Institute of Science Department of Biochemistry Bengaluru - 560 012 Karnataka	19.31	36
2667	To study the population pharmacokinetic of tacrolimus & cyclosporine in renal transplant patients	CSIR-GS	Pandhi, P., Prof. (F) P.G. Institute of Medical Education & Research Department of Pharmacology Chandigarh - 160 012 Chandigarh	19.76	36
2668	Use of HDAC inhibitors & drugs to increase gap junctions to enhance the bystander effect for tumour cell kill by prodrug activation strategy	CSIR-GS	Warawdekar, U.M., Dr. (M) Advanced Centre for Treatment Research & Education in Cancer Mulherkar Laboratory Navi Mumbai - 410 208 Maharashtra	17.26	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2669	Correlation between genetic polymorphism & homeostasis of Th1-Th2 cytokines in pulmonary & extra-pulmonary TB	CSIR-SS	Bose, M., Prof. (F) Vallabhbhai Patel Chest Institute Department of Microbiology Delhi - 110 007 Delhi	19.76	36
2670	Functional analysis of dIN080, a chromatin remodeling protein through p-element excision & RNAi mediated gene silencing using transgenic approach	CSIR-SS	Chandrasekaran, S., Dr. (F) Indian Agricultural Research Institute Division of Genetics New Delhi - 110 012 Delhi	7.11	36
2671	Functional analysis of dIN080, A chromatin remodeling protein through p-element excision & RNAi mediated gene silencing using transgenic approach*	CSIR-SS	Brahmachari, V., Dr. (F) Dr. B.R. Ambedkar Centre for Biomedical Research Delhi - 110 007 Delhi	12.00	36
2672	Identification & mapping of quantitative trait Loci for the yield of terpenoid indole alkaloids in the medicinal plant Catharanthus Roses	CSIR-SS	Kumar, S., Prof. (M) National Centre for Plant Genome Research New Delhi - 110 067 Delhi	19.76	36
2673	Search for Single Nucleotide Polymorphism (SNP) of Hyaladherin genes & its disease association in Indian population	CSIR-SS	Datta, K., Prof. (F) Jawaharlal Nehru University School of Environmental Science New Delhi - 110 067 Delhi	19.76	36
2674	Study of genotype - phenotype correlation in the Beta Thalassaemia & sickle cell Anaemia patients responding hydroxyurea as an alternative to regular blood transfusion	CSIR-SS	Chakravarty, S.B., Dr. (M) Vice Principal Institute of Genetic Engineering Kolkata - 700 128 West Bengal	20.76	36
2675	A pharmacogenomic inquiry on the association of ABCB1 C3435T bearing haplotype among patients with medically refractory mesial temporal lobe epilepsy with Hippocampal Sclerosis (MTLE-HS) from the people of Kerala, South India	DAE-BRNS	Radhakrishnan, K., Dr. (M) Sr. Professor & Head Sree Chitra Tirunal Institute for Medical Sciences & Technology Department of Neurology Thiruvananthapuram - 695 011 Kerala	21.61	16
2676	Design, development & in vivo studies on orally disintegrating drug delivery system intended for gastro retention	DAE-BRNS	Shidhaye, S., Dr. (F) Bharati Vidyapeeth's College of Pharmacy Navi Mumbai - 400 614 Maharashtra	10.79	36
2677	Development & gamma scintigraphic evaluation of targeted delivery systems for anticancer drug	DAE-BRNS	Menon, M.D., Dr. (M) Bombay College of Pharmacy Mumbai - 400 098 Maharashtra	11.80	12
2678	Development of high performance electron beam curable polyurethane pressure sensitive adhesive for medical applications	DAE-BRNS	Mehra, D.S., Dr. (M) Shriram Institute for Industrial Research Delhi - 110 007 Delhi	12.30	36
2679	Disease characterization & validation of myocardial infarction, bronchial asthma, pulmonary tuberculosis & cirrhosis of the liver using impedance plethysmography	DAE-BRNS	Bhat, K.S., Dr. (M) Head Father Muller Medical College Department of Medicine, Kankanady Mangalore - 575 002 Karnataka	17.33	13
2680	Hormone assays & endocrine applications for optimization of production in Buffaloes	DAE-BRNS	Deshmukh, B.T., Dr. (M) Bombay Veterinary College Dept. of Veterinary Physiology & Biochem. Mumbai - 400 012 Maharashtra	13.43	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2681	Investigation of Nigella Sativa seeds for its Radiomodulatory property & its probable mechanism of action	DAE-BRNS	Tripathi, Y.B., Prof. (M) Banaras Hindu University Institute of Medical Sciences Varanasi - 221 005 Uttar Pradesh	26.78	12
2682	Preclinical investigations in the development of Radioprotectors from flavonoid enriched fractions of Coronopus Didymus & Pilea Microphylla - A free radical mechanistic & molecular approach	DAE-BRNS	Unnikrishnan, M.K., Dr. (M) Addl. Professor Manipal College of Pharmaceutical Sciences Department of Pharmacology Manipal - 576 104 Karnataka	31.30	16
2683	To set up a X-Ray Fluorescence (XRF) facility to explore details of the related processes & its analytical applications	DAE-BRNS	Singla, R.M., Dr. (M) Punjabi University Patiala - 147 002 Punjab	19.78	17
2684	A study on clinical & molecular markers of chronic interstitial nephropathy in congenital unilateral ureteropelvic junction obstruction	DBT-R&D	Bajpai, M., Dr. (F) Additional Professor All India Institute of Medical Sciences Department of Paediatric Surgery New Delhi - 110 029 Delhi	25.90	36
2685	An in vitro silencing of endogenous oxidized - LDL - Receptor (Lox-1) Gene by siRNA: Study of NF-KB activated expression of proinflammatory cytokines & related atherogenic proteins --- its evaluation against anti-inflammatory cytokine mediated responses	DBT-R&D	Chandra, N.C., Dr. (M) Assistant Professor All India Institute of Medical Sciences Department of Biochemistry New Delhi - 110 029 Delhi	33.75	36
2686	An inventory of secreted proteins & their modified forms in human uterine fluid	DBT-R&D	Sachdeva, G., Dr. (F) Senior Research Officer National Institute for Research in Reproductive Health Department of Primate Biology Mumbai - 400 012 Maharashtra	24.43	36
2687	An Investigation into the molecular mechanism of gene regulation followed by signal recognition of M. Tuberculosis Phosphor signal transduction system	DBT-R&D	Sarkar, D., Dr. (M) Scientist C Institute of Microbial Technology Department of Molecular Biology Chandigarh - 160 036 Chandigarh	33.80	36
2688	An open label randomized placebo controlled trial to evaluate the safety & immunogenicity of 3 Administrations of A 2 - 8OC stable Lyophilized & A 2 - 8OC stable liquid formulation live attenuated Rotavirus Mainnourished infants 8-20 weeks of age	DBT-R&D	Bhandari, N., Dr. (F) Joint Director Society for Applied Studies Delhi - 110 007 Delhi	135.64	12
2689	Association of CD36 Locus with type II diabetes & related atherosclerosis	DBT-R&D	Banerjee, M., Dr. (F) Lecturer Lucknow University Department of Zoology Lucknow - 226 007 Uttar Pradesh	27.22	36
2690	Behaviour & psychophysics of odour - guided navigation in the rat	DBT-R&D	Bhalla, U.S., Dr. (M) Reader National Centre for Biological Sciences Bengalooru - 560 012 Karnataka	40.03	36
2691	Cancer testis antigens - their importance in immunotherapy & in early detection of cancer: Associated Cancer Center for Immunotherapy (ACCI)*	DBT-R&D	Suri, A., Dr. (M) Convener National Institute of Immunology Genes & Proteins Laboratory New Delhi - 110 067 Delhi	62.47	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2692	Characterisation of a novel genomic region detected in field isolates of Mycobacterium Tuberculosis from Kerala	DBT-R&D	Mundayoor, S., Dr. (M) Scientist F Rajiv Gandhi Centre for Biotechnology Mycobacterial Research Group, Jagathy Thiruvananthapuram - 695 014 Kerala	30.44	36
2693	Circulating Endothelial Progenitor Cells (EPC) in patients with CAD: Role of telomere shortening & telomerase activity on EPC senescence	DBT-R&D	Lakshmy, R., Dr. (F) Associate Professor All India Institute of Medical Sciences Department of Cardiac Biochemistry New Delhi - 110 029 Delhi	25.61	24
2694	Computational investigations into the mechanisms of information processing in medium spiny projection neurons in relation to reward processing & learning	DBT-R&D	Manchanda, R., Dr. (M) Associate Professor Indian Institute of Technology (B) School of Biosciences & Bioengineering Mumbai - 400 076 Maharashtra	13.28	36
2695	Contract manufacturing of the clinical grade material for phase III of the cholera candidate vaccine, a randomized controlled trial of recombinant live oral cholera Vaccine VA 1.4 in Eastern Kolkata, West Bengal, India*	DBT-R&D	Sur, D., Dr. (F) Deputy Director National Institute of Cholera & Enteric Diseases Department of Epidemiology Kolkata - 700 010 West Bengal	1009.24	33
2696	Delivery of growth factors through a novel wound dressing for chronic wounds	DBT-R&D	Babu, M., Dr. (F) Deputy Director & Scientist F Central Leather Research Institute Department of Biochemistry, Adyar Chennai - 600 020 Tamil Nadu	21.42	36
2697	Design & development of a novel calibration free pulse oximeter	DBT-R&D	Kumar, V.J., Dr. (M) Professor Indian Institute of Technology (M) Department of Electrical Engineering Chennai - 600 036 Tamil Nadu	21.95	24
2698	Detection of mycobacterial pathogens in patients with Crohns disease	DBT-R&D	Makharia, G.K., Dr. (M) Associate Professor All India Institute of Medical Sciences Department of Human Nutrition New Delhi - 110 029 Delhi	35.26	36
2699	Development & characterization of autologous NKT cell based dendritic cell vaccine for active specific immunotherapy of oral squamous cell carcinoma	DBT-R&D	Das, S.N., Dr. (M) Associate Professor All India Institute of Medical Sciences Department of Biotechnology New Delhi - 110 029 Delhi	20.06	36
2700	Development & testing the efficacy of new dynamically moulding footwear for diabetic patients	DBT-R&D	Varma, A.K., Dr. (M) Assistant Professor Amrita Institute of Medical Sciences & Research Centre Dept. of Endocrinology & Paediatric Surgery Kochi - 682 026 Kerala	19.28	12
2701	Development of adenovirus herpes simplex thymidine Kinase/ Ganciclovir strategy for head & neck squamous cell carcinoma: Preclinical studies & large - scale preparation of clinical grade vector	DBT-R&D	Somasundaram, K., Dr. (M) Assistant Professor Indian Institute of Science Department of Microbiology & Cell Biology Bengalooru - 560 012 Karnataka	11.25	24
2702	Development of adenovirus herpes simplex thymidine Kinase/ Ganciclovir strategy for head & neck squamous cell carcinoma: Preclinical studies & large-scale preparation of clinical grade vector	DBT-R&D	Mulherkar, R., Dr. (F) Head & Scientific Officer F Advanced Centre for Treatment Research & Education in Cancer Tata Memorial Centre, Kharghar Navi Mumbai - 410 208 Maharashtra	31.27	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
2703	Development of biocompatible polymeric Non-Woven Nano- Fibers using electrospinning for efficient & faster wound healing	DBT-R&D	Gamaik,B., Dr. (F) Scientist E1 National Chemical Laboratory Polymer Science & Engineering Division Pune - 411 008 Maharashtra	27.07	36
2704	Development of Chikungunya vaccine candidate	DBT-R&D	Vrati,S., Dr. (M) Staff Scientist National Institute of Immunology Department of Virology New Delhi - 110 067 Delhi	38.27	36
2705	Development of new three dimensional microporus crosslinked network spongy hybrid scaffold for seeding vascular cells	DBT-R&D	Kumar,G.S.V., Dr. (M) Scientist B Rajiv Gandhi Centre for Biotechnology Department of Peptide Library Thiruvananthapuram - 695 014 Kerala	32.79	36
2706	Development of reagents for easy visualization of PCR products for the prototype KIT developed for detection of neisseria gonorrhoeae & chlamydia trachomatis	DBT-R&D	Saluja,D., Dr. (M) Director Dr. B.R. Ambedkar Centre for Biomedical Research Delhi - 110 007 Delhi	14.58	18
2707	Effect of genotype on brain structure & function in schizophrenia: A preliminary case - control study	DBT-R&D	John,J.P., Dr. (M) Assistant Professor National Institute of Mental Health & Neuro Sciences(NIMHANS) Department of Psychiatry Bengalooru - 560 002 Karnataka	17.63	24
2708	Evaluation of Chikungunya infections in children & adults	DBT-R&D	Ray,P., Dr. (F) Scientist All India Institute of Medical Sciences Department of Paediatrics New Delhi - 110 029 Delhi	124.60	36
2709	Evaluation of putative mechanisms of Anticataractogenic effect of Acetyl-L-Carnitine	DBT-R&D	Rani,P.G.V.V., Dr. (F) Reader Bharathidasan University Department of Animal Biotechnology Tiruchirappalli - 620 024 Tamil Nadu	49.61	36
2710	Ex-Vivo expansion of hematopoietic stem cell from umbilical cord blood using different combinations of cytokines & their characterization using immunophenotyping, telomere length, telomerase activity, LTC-IC Assays & SCID mice repopulating capacity	DBT-R&D	Ghosh,K., Dr. (M) Director Institute of Immunohaematology Mumbai - 400 012 Maharashtra	12.10	12
2711	Gene Expression profiling using microarray analysis to understand immune events in acute Hepatitis E	DBT-R&D	Aggarwal,R., Dr. (M) Professor All India Institute of Medical Sciences Department of Gastroenterology New Delhi - 110 029 Delhi	44.75	36
2712	Generation & characterization of neuronal & nonneuronal cells of the nervous system from the human umbilical cord	DBT-R&D	Subramaniam,J.R., Dr. (F) Senior Project Scientist Indian Institute of Technology (K) Dept. of Biological Sciences & Bioengg. Kanpur - 208 016 Uttar Pradesh	32.13	36
2713	Generaton characterization & Biological Relevance of autoantibodies Directed against apoptotic cells	DBT-R&D	Pal,R., Dr. (M) Scientist IV National Institute of Immunology Immunoendocrinology Laboratory New Delhi - 110 067 Delhi	32.86	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2714	Genomic heterogeneity among the tribes of Southern Gujarat	DBT-R&D	Italia, Y.M., Dr. (M) Honorary Secretary Valsad Raktdan Kendra & Haematology Research Centre Valsad - 396 001 Gujarat	1.38	36
2715	Genomic heterogeneity among the tribes of Southern Gujarat	DBT-R&D	Kshatriya, G.K., Dr. (M) Reader Delhi University Department of Anthropology Delhi - 110 007 Delhi	21.17	36
2716	Genomic profiling of subtelomeric chromosome regions in children with unexplained mental retardation	DBT-R&D	Dave, U.P., Dr. (F) Joint Research Director Centre for Research in Mental Retardation Mumbai - 400 064 Maharashtra	14.85	36
2717	Host cell kinase MAPK/ERK - 2: Role in HIV/AIDS pathogenesis	DBT-R&D	Mahalingam, S., Dr. (M) Professor Indian Institute of Technology (M) Department of Biotechnology Chennai - 600 036 Tamil Nadu	91.71	36
2718	Identification of the molecular mechanisms involved in the induction of proliferative responses in primitive hematopoietic cells	DBT-R&D	Kale, V.P., Dr. (F) Scientist E National Centre for Cell Sciences Laboratory 4, Ganeshkhind Pune - 411 007 Maharashtra	53.10	36
2719	Implanted neural interfaces & control schemes for artificial hand control	DBT-R&D	Devasahayam, S., Dr. (M) Professor Christian Medical College & Hospital Department of Bioengineering Vellore - 632 002 Tamil Nadu	80.56	36
2720	Intravenous autologous bone Marrow Stromal Cells (MSC) & Mononuclear Cells (MMC) for patients with acute Ischemic stroke	DBT-R&D	Prasad, K., Dr. (M) Professor All India Institute of Medical Sciences Department of Neurology New Delhi - 110 029 Delhi	75.51	36
2721	Intravenous autologous bone Marrow Stromal Cells (MSC) & Mononuclear Cells (MMC) for patients with acute Ischemic stroke	DBT-R&D	Bopanna, K., Dr. (M) Sr. Vice President Manipal Acunova Limited Bengalooru - 560 066 Karnataka	21.45	36
2722	Intravenous autologous bone Marrow Stromal Cells (MSC) & Mononuclear Cells (MMC) for patients with acute Ischemic stroke	DBT-R&D	Gorthi, S.P., Mr. (M) L.T. Col., Classified Specialist Armed Forces Medical College Department of Neurology Pune - 411 040 Maharashtra	36.89	36
2723	Intravenous autologous bone Marrow Stromal Cells (MSC) & Mononuclear Cells (MMC) for patients with acute Ischemic stroke	DBT-R&D	Singh, K.K., Dr. (M) Col. Professor Army Hospital (Research & Referral) Department of Neurology New Delhi - 110 010 Delhi	37.47	36
2724	Intravenous autologous bone Marrow Stromal Cells (MSC) & Mononuclear Cells (MMC) for patients with acute Ischemic stroke	DBT-R&D	Aggarwal, R., Dr. (M) Assistant Professor Sanjay Gandhi P.G. Institute of Medical Sciences Department of Gastroenterology Lucknow - 226 001 Uttar Pradesh	3.35	36
2725	Intravenous autologous bone Marrow Stromal Cells (MSC) & Mononuclear Cells (MMC) for patients with acute Ischemic stroke	DBT-R&D	Prabhakar, S., Dr. (M) Professor & Head P.G. Institute of Medical Education & Research Department of Neurology Chandigarh - 160 012 Chandigarh	36.89	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2726	Intravenous autologous bone Marrow Stromal Cells (MSC) & Mononuclear Cells (MMC) for patients with acute Ischemic stroke	DBT-R&D	Mishra, U.K., Dr. (M) Professor & Head Sanjay Gandhi P.G. Institute of Medical Sciences Department of Neurology Lucknow - 226 014 Uttar Pradesh	36.89	36
2727	Intravenous autologous bone Marrow Stromal Cells (MSC) & Mononuclear Cells (MMC) for patients with acute Ischemic stroke	DBT-R&D	Bhatnagar, S., Dr. (F) Scientist GR. III All India Institute of Medical Sciences Department of Paediatrics New Delhi - 110 029 Delhi	9.80	36
2728	Introducing chromone linked nitro derivatives as novel antileishmanial agent against experimental visceral leishmaniasis: A chemotherapeutic approach	DBT-R&D	Pal, C., Dr. (M) Senior Lecturer Brahmanand Keshab Chandra College Kolkata - 700 108 West Bengal	53.10	36
2729	Introducing chromone linked nitro derivatives as novel antileishmanial agent against experimental visceral leishmaniasis: A chemotherapeutic approach	DBT-R&D	Banerjee, R., Dr. (M) Lecturer Ballygunge Science College Dr. B. C. Guha Centre for Gen. Engg. & Biotech. Kolkata - 700 019 West Bengal	11.09	36
2730	Investigations related to mechanism of entry of Hepatitis E Virus (HEV) into the host cells	DBT-R&D	Panda, S.K., Dr. (M) Professor All India Institute of Medical Sciences Department of Pathology New Delhi - 110 029 Delhi	84.89	36
2731	In vitro isolation, characterization, transdifferentiation to chondrogenic lineage of equine myogenic satellite cells, their proteomics analysis & in vivo application of transdifferentiated satellite cells for the repair of articular cartilage in equines	DBT-R&D	Singh, N.K., Dr. (M) Assistant Professor Sher-e-Kashmir University of Agriculture & Technology Department of Veterinary Surgery Jammu - 181 102 Jammu & Kashmir	19.14	18
2732	Keratins mediated regulation of apoptosis in stratified epithelia & its role in acquisition of transformed phenotype	DBT-R&D	Vaidya, M.M., Dr. (M) Scientific Officer F Advanced Centre for Treatment Research & Education in Cancer Tata Memorial Centre, Kharghar Navi Mumbai - 410 208 Maharashtra	31.59	36
2733	Mesenchymal stem cell therapy in diabetic induced mice skin wounds	DBT-R&D	Gowri, A.M., Dr. (F) Assistant Professor Madras Veterinary College Department of Animal Biotechnology Chennai - 600 007 Tamil Nadu	31.59	36
2734	Molecular aspects of morphogenesis & antifungal resistance in human fungal pathogen <i>Candida albicans</i>	DBT-R&D	Prasad, R., Dr. (M) Professor Jawaharlal Nehru University School of Life Science New Delhi - 110 067 Delhi	50.83	36
2735	Molecular characterization of aspartic protease gene from <i>Plasmodium vivax</i>	DBT-R&D	Sharma, A., Dr. (M) Deputy Director National Institute of Malaria Research Department of Protein Biochemistry Delhi - 110 054 Delhi	31.75	36
2736	Molecular ecology molecular genetic & natural history of anterior tongue cancer in young adults without (or insignificant) tobacco exposure: Can a distinct clinical entity be defined	DBT-R&D	Sebastian, P., Dr. (M) Professor & Head Regional Cancer Centre Department of Surgical Oncology Thiruvananthapuram - 695 011 Kerala	12.52	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
2737	Molecular ecology, molecular genetic & natural history of anterior tongue cancer in young adults without (or insignificant) tobacco exposure: Can a distinct clinical entity be defined	DBT-R&D	Pillai,M.R., Dr. (M) Director Rajiv Gandhi Centre for Biotechnology Department of Molecular Medicine Thiruvananthapuram - 695 014 Kerala	21.82	36
2738	Molecular genetic analysis & genomics of human Y heterochromatic (YQ12) transcripts & a query into functional & evolutionary conservation	DBT-R&D	Rachel,A.J., Dr. (F) Scientist E II Centre for Cellular & Molecular Biology Department of Cell. & Mol. Biology Hyderabad - 500 007 Andhra Pradesh	32.34	36
2739	Molecular pathology of cervical carcinogenesis	DBT-R&D	Narayan,G., Dr. (M) Reader Banaras Hindu University Department of Molecular & Human Genetics Varanasi - 221 005 Uttar Pradesh	43.35	36
2740	Molecular studies in the role of amyloid peptides in neurodegenerative disorders	DBT-R&D	Rao,K.S.J., Dr. (M) Scientist E 2 Central Food Technological Research Institute Department of Biochemistry & Nutrition Mysore - 570 013 Karnataka	18.50	36
2741	Molecular switch in TH1-TH2 response by SMRA1: Its Implication in Mycobacterium Tuberculosis infection	DBT-R&D	Chattopadhyay,S., Dr. (M) Scientist E National Centre for Cell Sciences Laboratory-7, Ganeshkhind Pune - 411 007 Maharashtra	176.80	36
2742	Nanoscale materials with therapeutic implications	DBT-R&D	Ghosh,S.S., Dr. (M) Assistant Professor Indian Institute of Technology (G) Department of Biotechnology Guwahati - 781 039 Assam	102.62	36
2743	Pharmacogenetics of Epilepsy drug therapeutics	DBT-R&D	Vivekanandhan,S., Dr. (M) Associate Professor All India Institute of Medical Sciences Department of Neurobiochemistry New Delhi - 110 029 Delhi	20.51	36
2744	Phenotypic alterations in astroglia & microglia in the brain - in response to tuberculous pathology in association with HIV/AIDS	DBT-R&D	Patro,I.K., Dr. (M) Coordinator Jiwaji University School of Studies in Zoology Gwalior - 474 011 Madhya Pradesh	20.81	18
2745	Photophysical & dynamical behavior of drugs in bio & biomimetic environments: An approach towards drug distribution & targeted drug delivery	DBT-R&D	Chattopadhyay,N., Dr. (M) Professor Jadavpur University Department of Chemistry Kolkata - 700 032 West Bengal	42.80	36
2746	Preparation, characterization & evaluation of Poly Lactic Acid - Poly Glycolic Acid (PLA-PGA) Orthopedic implants	DBT-R&D	Srivastava,P., Dr. (M) Lecturer Banaras Hindu University School of Biochemical Engineering Varanasi - 221 005 Uttar Pradesh	10.96	12
2747	Quantitative fluorescent - PCR for rapid prenatal diagnosis of common chromosomal abnormalities	DBT-R&D	Agarwal,S., Dr. (F) Additional Professor Sanjay Gandhi P.G. Institute of Medical Sciences Department of Medical Genetics Lucknow - 226 001 Uttar Pradesh	33.44	36
2748	Regulation of HIV-1 LTR mediated transcription by MAR binding SMAR 1	DBT-R&D	Chattopadhyay,S., Dr. (M) Scientist E National Centre for Cell Sciences Pune - 411 007 Maharashtra	67.71	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2749	Regulation of IDO gene & association of its polymorphism in the causation of Cataract & use of natural inhibitors from Marine Sponges as anti Cataractous agents	DBT-R&D	Raju, T.N., Dr. (M) Professor University College of Science Department of Zoology Hyderabad - 500 007 Andhra Pradesh	29.14	36
2750	Role of gap junctions in ischemic heart disease	DBT-R&D	Bera, A.K., Dr. (M) Assistant Professor Indian Institute of Technology (M) Department of Biotechnology Chennai - 600 036 Tamil Nadu	68.12	36
2751	Role of glutamate receptor - associated protein interaction in ischemic neuronal injury: Implication in stroke	DBT-R&D	Mishra, S., Dr. (F) Assistant Professor National Institute of Mental Health & Neuro Sciences (NIMHANS) Department of Biophysics Bengaluru - 560 029 Karnataka	27.78	36
2752	Role of LLGL 1, a gene controlling asymmetric cell division of stem cells in pathogenesis of medulloblastoma a pediatric malignant brain tumour	DBT-R&D	Shirsat, N.V., Dr. (F) Scientific Officer F Advanced Centre for Treatment Research & Education in Cancer Department of Neuro-Oncology Navi Mumbai - 410 208 Maharashtra	29.42	36
2753	Role of transcription factor stat3 in Human Papilloma Virus 16 (HPV 16) - Induced Cervical Carcinogenesis	DBT-R&D	Bharti, A.C., Dr. (M) Institute of Cytology & Preventive Oncology Department of Molecular Oncology Noida - 201 301 Uttar Pradesh	43.01	36
2754	Safety & efficacy of autologous stem cells in prevention of amputation in patients with chronic critical limb ischemia	DBT-R&D	Rai, S., Prof. (M) Col. & Head Army Hospital (Research & Referral) Department of Vascular Surgery New Delhi - 110 010 Delhi	51.47	24
2755	Safety & efficacy of autologous stem cells in prevention of amputation in patients with chronic critical limb Ischemia	DBT-R&D	Parakh, R., Dr. (M) Chairman & Sr. Consultant Sir Ganga Ram Hospital Department of Vascular New Delhi - 110 060 Delhi	42.43	24
2756	Safety & efficacy of autologous stem cells in prevention of amputation in patients with chronic critical LIMB Ischemia	DBT-R&D	Agarwal, S.K., Dr. (M) Associate Professor & Head Sanjay Gandhi P.G. Institute of Medical Sciences Dept. of Cardiovascular & Thoracic Surgery Lucknow - 226 014 Uttar Pradesh	62.83	24
2757	Safety & efficacy of autologous stem cells in prevention of amputation in patients with chronic critical LIMB Ischemia: A randomized multicentric Study	DBT-R&D	Dhar, A., Dr. (F) Assistant Professor All India Institute of Medical Sciences Department of Surgical Disciplines New Delhi - 110 029 Delhi	63.31	24
2758	Stanford - India Biodesign Program	DBT-R&D	Bhargava, B., Dr. (M) Assistant Professor All India Institute of Medical Sciences New Delhi - 110 029 Delhi	646.40	60
2759	Stem cell genomics in tumor initiation toxicity	DBT-R&D	Kumar, S., Dr. (M) Scientist F & Head Industrial Toxicology Research Centre Dept. of Environmental Carcinogenesis Lucknow - 226 001 Uttar Pradesh	28.35	18
2760	Study of gene expression & hypermethylation profiles in early onset breast cancer	DBT-R&D	Saxena, S., Dr. (F) Officer-In-Charge Institute of Pathology New Delhi - 110 029 Delhi	32.46	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (In Months)
2761	Study of sickle cell disease in Chhattisgarh with special reference to morbidity pattern	DBT-R&D	Patra, P.K., Dr. (M) Professor Pt. J.N.M. Medical College Raipur - 492 001 Chhattisgarh	18.72	36
2762	Study of the viral proteins & other molecular markers in Hepatitis E Virus (HEV) infected cells using high throughput molecular techniques	DBT-R&D	Panda, S.K., Dr. (M) Professor All India Institute of Medical Sciences Department of Pathology New Delhi - 110 029 Delhi	65.85	36
2763	Study on the significance of Micro-RNA expression pattern in oral carcinoma	DBT-R&D	Kannan, S., Dr. (M) Assistant Professor Regional Cancer Centre Division of Cancer Research Thiruvananthapuram - 695 011 Kerala	15.62	24
2764	Synthesis & In-Vitro mechanistic studies of new metal - based anti - cancer agents	DBT-R&D	Arjmand, F., Dr. (M) Reader Aligarh Muslim University Department of Chemistry Aligarh - 202 002 Uttar Pradesh	29.05	18
2765	Synthesis & selection of de novo protein inhibitors against enzyme targets of M. Tuberculosis	DBT-R&D	Ranganathan, A., Dr. (M) Research Scientist International Centre for Genetic Engineering & Biotechnology Recombinant Gene Product Group New Delhi - 110 067 Delhi	41.94	36
2766	To establish technologies of sheep scnt & parthenogenesis for growing embryonic stem cell lines & transgenesis	DBT-R&D	Nandedkar, P., Dr. (M) Research Associate National Institute for Research in Reproductive Health Department of Stem Cell Biology Mumbai - 400 012 Maharashtra	27.69	24
2767	To study the polymorphism of genetic markers in infants with congenital neural tube defects in Eastern region of Indian population	DBT-R&D	Saxena, A.K., Dr. (M) Research Officer Banaras Hindu University Department of Surgery Varanasi - 221 005 Uttar Pradesh	17.95	36
2768	Transgenic bacillus sphaericus for effective mosquito control	DBT-R&D	Vennison, S.J., Dr. (M) Lecturer Anna University Department of Biotechnology Tiruchirappalli - 620 024 Tamil Nadu	17.40	36
2769	A ubiquitin conjugated leishmanial gene (ORFF) as a DNA vaccine against both antimonial susceptible & resistant strains of L. donovani	DRDO-LSRB	Madhubala, R., Dr. (F) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	29.40	36
2770	Development of novel radioligands for cancer detection using molecular imaging & biotechnological approach	DRDO-LSRB	Singh, B., Dr. (M) P.G. Institute of Medical Education & Research Department of Nuclear Medicine Chandigarh - 160 012 Chandigarh	26.70	36
2771	Investigation on probiotic & therapeutic potential of certain plants of dietary nature on mouse enteric microbes & jejunum stem cells	DRDO-LSRB	Rizvi, M.M.A., Dr. (M) Jamia Millia Islamia Department of Biosciences New Delhi - 110 025 Delhi	29.72	36
2772	Mechanism(s) of Regulation of Human Dipeptidyl Peptidase III Expression in Tumor Cell Lines	DRDO-LSRB	Chauhan, S.S., Dr. (M) Professor All India Institute of Medical Sciences Department of Biochemistry New Delhi - 110 029 Delhi	50.86	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2773	Mitochondrial bioenergetics & neuromuscular weakness of acute organophosphate poisoning	DRDO-LSRB	Oommen,A., Dr. (M) Christian Medical College & Hospital Vellore - 632 004 Tamil Nadu	24.18	36
2774	Modulation of oxidative stress & hypoxia by inflammation: Implication in the pathogenesis of glioblastoma	DRDO-LSRB	Sen,E., Dr. (F) Scientist III National Brain Research Centre Gurgaon - 122 050 Haryana	24.80	36
2775	Non-invasive blood glucose measuring system	DRDO-LSRB	Banerjee,S., Prof. (M) Indian Institute of Technology (Kh) Department of Electronics & ECE Kharagpur - 721 302 West Bengal	9.00	36
2776	Production process optimization & characterization of sulfated fucoidans from brown algae that has diverse pharmaceutical potential	DRDO-LSRB	Achary,A., Dr. (M) Professor & Head Kamaraj College of Engineering & Technology Department of Biotechnology Virudhunagar - 626 001 Tamil Nadu	8.38	36
2777	Role of anti-angiogenic factors in maintaining a vascularity of the human eye lens	DRDO-LSRB	Vasavada,A.R., Dr. (M) Director Illadevi Cataract & IOL Research Centre Ahmedabad - 380 052 Gujarat	37.36	36
2778	Role of Arginine metabolite enzymes in Helicobacter pylori: A mechanistic study	DRDO-LSRB	Sau,A.K., Dr. (M) Staff Scientist National Institute of Immunology New Delhi - 110 067 Delhi	41.20	36
2779	Studies on Focal Adhesionkinase (FAK) in relation to tumor biology	DRDO-LSRB	Chatterjee,A., Dr. (M) Head Chittaranjan National Cancer Research Centre Kolkata - 700 026 West Bengal	41.13	36
2780	A novel phosphodiesterase-4B inhibitor for Chronic Obstructive Pulmonary Disease	DST-DPRP	Director, The Ranbaxy Laboratories Ltd. Gurgaon - 122 001 Haryana	615.00	36
2781	Clinical development of prioritized drug candidate through Phase - C	DST-DPRP	Director, The Indigene Pharmaceuticals Pvt. Ltd. Hyderabad - 500 034 Andhra Pradesh	1495.00	12
2782	Clinical research facility to develop stem cell technologies & regenerative medicine (Phase - II)	DST-DPRP	Rao,D.P., Prof. (M) Director Nizam's Institute of Medical Sciences Hyderabad - 500 082 Andhra Pradesh	2092.00	36
2783	Development & manufacture of immunodiagnostic kit & post exposure prophylaxis of rabies using monoclonal antibody cocktail	DST-DPRP	Director, The Mediclone Biotech Pvt. Ltd. Chennai - 600 096 Tamil Nadu	1127.00	36
2784	Development of a Nano-particle based delivery system for enhancing the oral bioavailability of Curcumin	DST-DPRP	Kohli,K., Dr. (F) Jamia Hamdard Department of Pharmaceutics New Delhi - 110 062 Delhi	138.48	24
2785	Development of an indigenous immunorestorative herbal formulation - Jyoti Amritum for HIV/AIDS	DST-DPRP	Director, The Thirteen Herbs & Cure Pvt. Ltd. New Delhi - 110 029 Delhi	170.34	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2786	Development of commercially viable recombinant products & diagnostics kits	DST-DPRP	Director, The CellMax Pharma Pvt. Ltd. Aligarh - 202 001 Uttar Pradesh	434.00	36
2787	Development of new drug delivery systems to administer Recombinant Human Para Thyroid Hormone (rhPTH(1-34)) for the treatment of Osteoporosis	DST-DPRP	Director, The Virchow Biotech Pvt. Ltd. Hyderabad - 500 055 Andhra Pradesh	215.00	24
2788	Development of Therapeutic Vaccine for Pancreatic Cancer	DST-DPRP	Director, The Cadila Pharmaceuticals Ltd. Ahmedabad - 382 210 Gujarat	702.00	24
2789	Discovery & development of Novel Inhibitors of Undercarprenyl pyrophosphate Synthase (UppS)	DST-DPRP	Director, The Chembiotek Research International Pvt. Ltd. Kolkata - 700 091 West Bengal	1100.00	36
2790	eGMP Pilot plant for extraction, formulation & packaging of traditional (ISM) Herbal Medicinal Formulations	DST-DPRP	Raina, R.K., Dr. (M) Chairman Indian Institute of Integrative Medicine Jammu - 180 001 Jammu & Kashmir	400.00	12
2791	Establishment of facility for identification, chemical characterization, standardization & quality control of medicinal plants found in tribal area in Central India	DST-DPRP	Singh, R.G., Dr. (M) Professor Banaras Hindu University Institute of Medical Sciences. Varanasi - 221 005 Uttar Pradesh	756.18	36
2792	Facility for nano/microparticle based biomaterials - Advanced Drug Delivery Systems (FADDs)	DST-DPRP	Sharma, C.P., Dr. (M) Scientist G & Head Sree Chitra Tirunal Institute for Medical Sciences & Technology Thiruvananthapuram - 695 012 Kerala	477.80	36
2793	In vivo standardization of a Siddha herbal formula for Obesity	DST-DPRP	Rajamanickam, V., Prof. (M) Dean Shanmugha Arts, Science, Technology & Research Academy Thanjavur - 613 402 Tamil Nadu	86.99	36
2794	To develop an efficient, cost effective & commercial process for co-enzyme Q10 from solanesol	DST-DPRP	Director, The Innovassynth Technologies (I) Ltd. Mumbai - 400 013 Maharashtra	500.00	12
2795	TRC4186: Novel agents for treatment of diabetes & ageing related vascular complications	DST-DPRP	Director, The Torrent Pharmaceuticals Ltd. Ahmedabad - 382 428 Gujarat	992.00	12
2796	Antiallergic potential of Indian traditional plants	DST-ID	Mukherjee, P.K., Dr. (M) Jadavpur University Dept. of Pharmaceutical Technology Kolkata - 700 032 West Bengal	6.54	24
2797	Brain edging & neurodegeneration: neuroprotective & bio-modulatory, roles of estrogens & glucocorticoids	DST-ID	Mehra, R.D., Dr. (M) All India Institute of Medical Sciences Department of Anatomy New Delhi - 110 029 Delhi	3.64	24
2798	Development of genetic construction carrying human proinsulin gene & its delivery into liver for the treatment of insulin dependent diabetes mellitus	DST-ID	Habibullah, C.M., Dr. (M) Director Deccan College of Medical Sciences Centre for Liver Hyderabad - 500 058 Andhra Pradesh	6.48	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2799	Identification biodiversity, antifungal susceptibilities & mycotoxin production of asprgillus & fusarium strains isolatex from patients with keratomycosis in South	DST-ID	Manikandanm,P., Dr. (M) Microbiologist Aravind Eye Hospital & Postgraduate Institute of Ophthalmology Madurai - 625 020 Tamil Nadu	4.86	24
2800	Investigation of apoptosis in Myelodysplastic syndromes & acute Myeloid Lecukema	DST-ID	Patil,H.P., Dr. (M) All India Institute of Medical Sciences Department of Hematology New Delhi - 110 029 Delhi	1.62	24
2801	Liver gene therapy by foamy virus vectors	DST-ID	Sarin,S.K., Dr. (M) Head G.B. Pant Hospital Department of Gastroenterology New Delhi - 110 002 Delhi	3.07	24
2802	Targeting Anticancer Macromolecular Pro-drugs	DST-ID	Chandrasekar,M.J.N., Dr. (M) Assistant Professor J.S.S. College of Pharmacy Department of Pharmaceutical Chemistry Ootacamund - 643 001 Tamil Nadu	6.26	36
2803	700 MHz NMR Spectrometer for Biomedical Research at the AIIMS, New Delhi	DST-IRHPA	Jagannathan,N.R., Prof. (M) All India Institute of Medical Sciences Department of Nuclear Magnetic Resonance New Delhi - 110 029 Delhi	842.60	60
2804	Advanced Research in Nuerotransmitters functional regulation in diabetes & pancreatic regeneration: Insulin secretion & function at molecular level	DST-IRHPA	Paulose,C.S., Dr. (M) Cochin University of Science & Technology Centre for Neuroscience Kochi - 682 022 Kerala	190.00	60
2805	Agrobacterium transformed hairy root cultures of some important medicinal plants of Orissa as a source of Pharmaceutical compounds	DST-SERC-FT	Barik,D.P., Dr. (M) Utkal University Department of Botany Bhubaneswar - 751 004 Orissa	13.49	36
2806	Clinical proteomics as a diagnostic tool for early detection of osteoarthritis	DST-SERC-FT	Gupta,V., Dr. (F) Chhatrapati Shahu Ji Maharaj University Department of Biotechnology Kanpur - 208 024 Uttar Pradesh	9.36	36
2807	Deregulated initiation of translation in oral carcinogenesis	DST-SERC-FT	Kaur,J., Dr. (F) All India Institute of Medical Sciences Department of Biochemistry New Delhi - 110 029 Delhi	13.50	36
2808	Design & Synthesis of 8-aminoquinolines as antimalarial agents	DST-SERC-FT	Jain,M., Dr. (F) National Institute of Pharmaceutical Education & Research Department of Medicinal Chemistry Mohali - 160 062 Punjab	16.38	36
2809	Detection of enteroviral genome in myococardial tissue of dilated cardiomyopathy with histopathological correlation	DST-SERC-FT	Saikia,U.N., Dr. (M) P.G. Institute of Medical Education & Research Department of Histopathology Chandigarh - 160 012 Chandigarh	8.28	36
2810	Development of multiplex PCR for diagnosis of Chikungunay & dengue viral infections	DST-SERC-FT	Mishra,B., Dr. (F) P.G. Institute of Medical Education & Research Department of Virology Chandigarh - 160 012 Chandigarh	9.35	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2811	Development of new multicomponent reactions for the preparation of imidazoles & their use in synthesis of purines	DST-SERC-FT	Guchhait, S.K., Dr. (M) National Institute of Pharmaceutical Education & Research Department of Medicinal Chemistry Mohali - 160 062 Punjab	20.00	36
2812	Development of Therapeutic Human Antibodies against Cripto - 1: Targeting Incogenic Signalling	DST-SERC-FT	Bose, B., Dr. (M) Indian Institute of Technology (G) Department of Biotechnology Guwahati - 781 039 Assam	10.34	36
2813	Development of vaccine against visceral leishmaniasis using dendritic cells	DST-SERC-FT	Afrin, F., Dr. (M) Jamia Hamdard Department of Biotechnology New Delhi - 110 062 Delhi	16.46	36
2814	Effects of natural plant extract against the genotoxic damage induced by steroidal drugs	DST-SERC-FT	Siddique, Y.H., Dr. (M) Aligarh Muslim University Department of Zoology Aligarh - 202 002 Uttar Pradesh	11.76	36
2815	Enhancing Systemic and Target Tissue levels of Curcumin and its Analogs	DST-SERC-FT	Jithan, A.V., Dr. (M) Vaagdevi College of Pharmacy Warangal - 506 001 Andhra Pradesh	3.00	36
2816	Evaluation of tear-fluid constituents in various ocular pathological conditions using tandem mass spectrometry	DST-SERC-FT	Ravi, A.K., Dr. (M) All India Institute of Medical Sciences Dept. of Ocular Pharma. & Pharmacy New Delhi - 110 029 Delhi	18.19	36
2817	Free radical scavenging effect of vitamin E on cadmium nitrate induced acute/chronic hepatocytes toxicity in relation to DNA damage & antioxidant status	DST-SERC-FT	Thirunavukkarasu, C., Dr. (M) Periyar University Department of Biochemistry Salem - 636 011 Tamil Nadu	18.55	36
2818	Genetic evaluation of Factor B	DST-SERC-FT	Kaur, I., Dr. (F) Hyderabad Eye Research Foundation Brien Holden Eye Research Centre Hyderabad - 500 034 Andhra Pradesh	9.59	36
2819	Identification & Elucidation of Novel Signaling Pathways involved in Monocyte/Macrophage activation, migration, differentiation, proliferation & death during dyslipidemia & atherosclerosis	DST-SERC-FT	Barthwal, M.K., Dr. (M) Central Drug Research Institute Pharmacology Division Lucknow - 226 001 Uttar Pradesh	12.06	36
2820	Improving bioavailability of neurotensin peptide: Design, Synthesis conformational characterization & biological studies of neurotensin glycopeptide analogs	DST-SERC-FT	Muthu, D., Dr. (M) National Institute of Pharmaceutical Education & Research Department of Medicinal Chemistry Mohali - 160 062 Punjab	19.30	36
2821	Micro-mechanical investigations of solid-state properties on processibilities & performance of solid dosage forms	DST-SERC-FT	Patel, S., Mr. (M) National Institute of Pharmaceutical Education & Research Dept. of Pharmaceutical Technology Mohali - 160 062 Punjab	15.48	36
2822	Molecular analysis of Y chromosome in prostate cancer	DST-SERC-FT	Wajid, S., Dr. (F) National Institute of Immunology New Delhi - 110 067 Delhi	18.72	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
2823	Multifunctional biomolecular structure & drug development from important medicinal plants for cardiovascular diseases with special reference to bioinformatics & chemoinformatics	DST-SERC-FT	Kumaraguru,N., Dr. (M) Anna University Department of Microbiology Chennai - 600 025 Tamil Nadu	18.86	36
2824	Nanoparticle mediated targeted siRNA delivery to cancer cell lines	DST-SERC-FT	Bora,U., Dr. (M) Indian Institute of Technology (G) Department of Biotechnology, North Guwahati - 781 039 Assam	12.96	36
2825	Neuroprotective effect of curcumin on peroxynitrite & MPTP mediated neurodegeneration of dopaminergic neurons in vitro & in vivo: Therapeutic implications for Parkinson's diseases	DST-SERC-FT	Bharath,M.M.S., Dr. (M) National Institute of Mental Health & Neuro Sciences(NIMHANS) Department of Neurochemistry Bengalooru - 560 029 Karnataka	12.06	36
2826	Pharmacophore based screening of compounds targeting DecR response regulator & assessment of their Antimycobacterium Tuberculosis activity	DST-SERC-FT	Gupta,R.K., Dr. (M) All India Institute of Medical Sciences Department of Biotechnology New Delhi - 110 029 Delhi	13.66	36
2827	Prodrugs & mutual prodrugs of some antimicrobial & non steroidal anti-inflammatory drugs: Synthesis, pharmaceutical & biology evaluation	DST-SERC-FT	Hussain,A., Dr. (M) Jamia Hamdard Dept. of Pharmaceutical Chemistry New Delhi - 110 062 Delhi	10.14	36
2828	QSAR, design & synthesis of potential HIV-1 inhibitors	DST-SERC-FT	Dubey,S., Dr. (F) K.L.E.'s College of Pharmacy Hubli - 580 031 Karnataka	8.03	36
2829	Role of mitochondria-targeted antioxidants in combating Parkinson's disease: An in vivo & in vitro study	DST-SERC-FT	Kalivendi,S.V., Dr. (M) Indian Institute of Chemical Technology Division of Chemical Biology Hyderabad - 500 007 Andhra Pradesh	8.40	36
2830	Screening & purification of anti cariogenic herbal extracts	DST-SERC-FT	Khan,A.U., Dr. (M) Aligarh Muslim University Interdisciplinary Unit Aligarh - 202 002 Uttar Pradesh	10.57	36
2831	Screening of community & hospital isolated of enterobacteriaceae for prevalent ESBLs, AmpC B-lactamases & carbapenemases: Exploring the reservoir & genetic environment	DST-SERC-FT	Shahid,M., Dr. (M) Jawaharlal Nehru Medical College Department of Microbiology Aligarh - 202 002 Uttar Pradesh	13.08	36
2832	Sea anemone toxin & their pharmacological properties & biomedical applications	DST-SERC-FT	Bragadeeswaran,S., Dr. (M) Annamalai University Centre for Advanced Study in Marine Biology Parangipettai - 608 502 Tamil Nadu	5.21	36
2833	Second generation estrogen antagonists for breast cancer	DST-SERC-FT	Nair,V.A., Dr. (M) National Institute of Pharmaceutical Education & Research Department of Medicinal Chemistry Mohali - 160 062 Punjab	20.00	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (in Months)
2834	Selective Histamine H3 receptor antagonists: A promising novel target for Schizophrenia	DST-SERC-FT	Akhtar, M., Dr. (M) Jamia Hamdard Department of Pharmacology New Delhi - 110 062 Delhi	9.33	36
2835	Structural & functional studies of insulin-like growth factor binding proteins for developing novel IGF-antagonist based cancer therapeutics	DST-SERC-FT	Atreya, H.S., Dr. (M) Indian Institute of Science NMR Research Centre Bengalooru - 560 012 Karnataka	8.87	36
2836	Structural properties & folding mechanism of apo cytochrome C552 from Hydrogenobacter thermophilus	DST-SERC-FT	Dubey, V.K., Dr. (M) Indian Institute of Technology (G) Department of Biotechnology Guwahati - 781 039 Assam	11.50	36
2837	Studies on molecular mechanism of Calreticulin Transacetylase (CRTAase) catalyzed activation of nitric oxide synthase & its biological implications	DST-SERC-FT	Kumar, A., Dr. (M) Vallabhbhai Patel Chest Institute Department of Biochemistry Delhi - 110 007 Delhi	19.94	36
2838	Studies on Molecular Mechanism of Erythropoietin in Diabetic Retinopathy	DST-SERC-FT	Gurunathan, S., Dr. (M) Kalasalingam University Department of Biotechnology Krishnakoil - 626 190 Tamil Nadu	12.36	36
2839	Studies on some chemotherapeutic agents of plant origin in relation to their cytotoxic nature in cancer control	DST-SERC-FT	Khedkar, G.D., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Department of Zoology Aurangabad - 431 004 Maharashtra	11.34	36
2840	Three dimensional structure determination of the novel Mamalian signaling proteins SPX - 40 during involution & their complexes with various Oligosaccharides & designed Oligopeptides	DST-SERC-FT	Kumar, J., Dr. (M) All India Institute of Medical Sciences Department of Biophysics New Delhi - 110 029 Delhi	12.41	36
2841	Understanding the mechanism of action of platelet activating factor-acetylhydrolase (PAF-AH)	DST-SERC-FT	Pande, A.H., Dr. (M) National Institute of Pharmaceutical Education & Research Department of Biotechnology Mohali - 160 062 Punjab	6.61	36
2842	Utility of phage amplification technique for determination of drug resistance against mycobacteria	DST-SERC-FT	Hemvani, N., Dr. (F) Choithram Hospital & Research Centre Department of Microbiology & Immunology Indore - 452 001 Madhya Pradesh	12.97	36
2843	A study on Prognostic impact of molecular genetic alteration in Hepatoblastoma in Asian Indian Children	DST-SERC-SC	Bajpai, M., Prof. (F) All India Institute of Medical Sciences Department of Pediatric Surgery New Delhi - 110 029 Delhi	29.29	36
2844	An approach towards the development of anticancer agents specifically for hormone dependent breast cancers	DST-SERC-SC	Negi, A.S., Dr. (M) Central Institute of Medicinal & Aromatic Plants Analytical Chemistry Division Lucknow - 226 015 Uttar Pradesh	17.48	36
2845	An evaluation of genetic & molecular factors contributing to premature ovarian failure in Indian population	DST-SERC-SC	Sujata, M., Dr. (F) Institute of Genetics & Hospital for Genetics Disease Department of Clinical Genetics Hyderabad - 500 016 Andhra Pradesh	22.84	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2846	Analysis of Apoptotic pathways involved in macrophages from Bruton's tyrosine kinase - deficient X - linked immunodeficient mice	DST-SERC-SC	Bal,V., Dr. (F) National Institute of Immunology Department of Immunology New Delhi - 110 067 Delhi	33.29	36
2847	Assessment of T & B Lymphocyte subpopulations during chronic & acute infections of Plasmodium berghei Malaria, with emphasis on innate immunity*	DST-SERC-SC	Sharma,S., Prof. (F) Tata Institute of Fundamental Research Department of Biological Sciences Mumbai - 400 005 Maharashtra	16.88	36
2848	Assessment of T & B Lymphocyte subpopulations during chronic & acute infections of Plasmodium berghei Malaria, with emphasis on innate immunity*	DST-SERC-SC	Chiplunkar,S.V., Prof. (M) Advanced Centre for Treatment Research & Education in Cancer Department of Immunology Navi Mumbai - 410 208 Maharashtra	3.90	36
2849	Assessment of the role of tyrosine Kinase EphB4 in the wnt pathway by RNA interference & its significance in Colon Cancer: Towards novel cancer therapeutics	DST-SERC-SC	Lekha,D.K., Dr. (M) Centre for Cellular & Molecular Biology Hyderabad - 500 007 Andhra Pradesh	24.45	36
2850	Biochemical & Molecular Basis of Type II Diabetes induced Cataract: Evaluation of a suitable animal model & role of dietary agents	DST-SERC-SC	Reddy,G.B., Dr. (M) National Institute of Nutrition Eye Research Group Hyderabad - 500 007 Andhra Pradesh	23.00	36
2851	Characterization of human caliciviruses from India & expression of recombinant capsid protein in insect proteins cells using the baculovirus system	DST-SERC-SC	Kang,G., Dr. (M) Christian Medical College & Hospital Department of Gastrointestinal Sciences Vellore - 632 004 Tamil Nadu	24.00	36
2852	Characterization of the WILSON's disease protein in Human Carcinoma Cell Lines & Accc2 yeast strain*	DST-SERC-SC	Mazumdar,S., Dr. (M) Tata Institute of Fundamental Research Department of Chemical Sciences Mumbai - 400 005 Maharashtra	7.36	36
2853	Characterization of the WILSON's disease protein in Human Carcinoma Cell Lines & Accc2 yeast strain	DST-SERC-SC	Chandy,G.M., Dr. (M) Christian Medical College & Hospital Department of Gastrointestinal Sciences Vellore - 632 004 Tamil Nadu	25.26	36
2854	Cloning, expression & functional characterization of a Cyclin - Like Protein (CLP-1) from human germ cells	DST-SERC-SC	Kumar,G.P., Dr. (M) Rajiv Gandhi Centre for Biotechnology Department of Molecular Endo. & Repro. Thiruvananthapuram - 695 014 Kerala	39.64	36
2855	Early detection of polarized cytokine, producing allo - reactive T cells & the role of chemokines in their selective homing among patients undergoing renal transplantation	DST-SERC-SC	Mitra,D.K., Dr. (M) All India Institute of Medical Sciences Transplant Immunology & Immunogenetics New Delhi - 110 029 Delhi	28.20	36
2856	Evaluation of HDL2, HDK3 & apolipoprotein A1 Level in a large India, Industrial Population: Association with Genetic variants in CETP, LCAT, Hepatic Lipase & LPL gene	DST-SERC-SC	Lakshmy,R., Dr. (F) All India Institute of Medical Sciences Department of Cardiology New Delhi - 110 029 Delhi	67.34	36
2857	Evaluation of p53 - dependent & independent signaling in the aflavin - induced human breast cancer cell apoptosis	DST-SERC-SC	Das,T., Dr. (F) Bose Institute Department of Animal Physiology Kolkata - 700 009 West Bengal	* 23.64	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2858	Exploring the immunomodulatory potential of edible Mushroom glucan/proteoglucon as Biological Response Modifier (BRM) in cancer therapy	DST-SERC-SC	Maiti, T.K., Dr. (M) Indian Institute of Technology (Kh) Department of Biotechnology Kharagpur - 721 302 West Bengal	24.49	36
2859	Filarial glutathione s-transferase as a possible biochemical target for macrofilaricidal drug development - Synthesis & evaluation of substituted 1, 4 - Naphthoquinones	DST-SERC-SC	Mathew, N., Dr. (F) Vector Control Research Centre Division of Chemistry Puducherry - 605 006 Puducherry	17.14	36
2860	Functional Characterization of Rv2986c, DNA Binding Protein of M. Tuberculosis	DST-SERC-SC	Prasad, H.K., Prof. (M) All India Institute of Medical Sciences Department of Biotechnology New Delhi - 110 029 Delhi	23.00	36
2861	Functional genomics of beta connexin genes in non - syndromic hearing loss	DST-SERC-SC	Panda, N., Prof. (M) P.G. Institute of Medical Education & Research Otolaryngology & Head & Neck Surgery Chandigarh - 160 012 Chandigarh	26.62	36
2862	Gene - Environment interactions & susceptibility to breast cancer	DST-SERC-SC	Lakshmi, S., Dr. (F) Regional Cancer Centre Department of Molecular Medicine Thiruvananthapuram - 695 011 Kerala	32.02	36
2863	Genetic & functional insights of Fuchs Endothelial Corneal Dystrophy & Congenital Hereditary Endothelial Dystrophy in Indian Patient	DST-SERC-SC	Sudaresan, P., Dr. (M) Aravind Medicinal Research Foundation Department of Genetics Madurai - 625 020 Tamil Nadu	19.41	36
2864	Genetic, metabolic & hormonal Profile in Obstructive Sleep Apnea Syndrome	DST-SERC-SC	Guleria, R., Dr. (M) All India Institute of Medical Sciences Department of Medicine New Delhi - 110 029 Delhi	24.00	36
2865	Genetics screening of Ccl-2, Ccr-2 polymorphism in AMD & Alzheimer's patients	DST-SERC-SC	Anand, A., Dr. (M) P.G. Institute of Medical Education & Research Department of Neurology Chandigarh - 160 012 Chandigarh	24.00	36
2866	Genomic instability in Bystander Human Cells & their Progeny exposed to Radiomimetic Drug using 3-dimensional culture	DST-SERC-SC	Venkatachalam, P., Dr. (M) Sri Ramachandra Medical College & Research Institute Department of Human Genetics Chennai - 600 116 Tamil Nadu	22.93	36
2867	Genomic Instability in Lung Cancer as an early cancer prediction tool	DST-SERC-SC	Sreelekha, T.T., Dr. (F) Regional Cancer Centre Thiruvananthapuram - 695 011 Kerala	20.00	36
2868	Genotype phenotype correlation with Wilson's Disease within families	DST-SERC-SC	Eapen, C.E., Dr. (M) Christian Medical College & Hospital Department of Gastrointestinal Sciences Vellore - 632 004 Tamil Nadu	23.00	36
2869	Glabridin Derivatives for Estrogen receptor Beta mediated growth control of Prostate Cancer cells	DST-SERC-SC	Ramanathan, M., Dr. (M) P.S.G. College of Technology Department of Pharmacology Coimbatore - 641 004 Tamil Nadu	20.99	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2870	Identification of quorum sensing regulation of flagellum - dependent signal transduction pathway controlling biofilm formation & virulence gene expression in vibrio cholerae	DST-SERC-SC	Ghosh, C., Dr. (F) Vidyasagar University Dept. of Human Phy. with Comm. Health Midnapore - 721 102 West Bengal	19.83	36
2871	In vitro inhibition of T cell Cytokines production by Methotrexate: Can it predict response to Methotrexate in patients with Rheumatoid Arthritis	DST-SERC-SC	Aggarwal, A., Dr. (F) Sanjay Gandhi P.G. Institute of Medical Sciences Department of Immunology Lucknow - 226 014 Uttar Pradesh	20.88	36
2872	Mechanism of T cell signaling in Leprosy Patients by M. Leprae Antigen(s)	DST-SERC-SC	Joshi, B., Dr. (F) Central Jalma Institute for Leprosy Department of Immunology Agra - 282 001 Uttar Pradesh	18.00	36
2873	Modulation of Neural Immune Signaling by Estrogen in reproductive aging	DST-SERC-SC	Thyagarajan, S., Dr. (M) Sri Ramachandra Medical College & Research Institute Department of Biotechnology Kattankulathur - 603 203 Tamil Nadu	37.44	36
2874	Molecular & approach for monitoring drug resistant Malaria parasite in the Malaria endemic zone in West Bengal	DST-SERC-SC	Maiti, T.K., Dr. (M) Indian Institute of Technology (Kh) Department of Biotechnology Kharagpur - 721 302 West Bengal	6.36	36
2875	Molecular & approach for monitoring drug resistant Malaria parasite in the Malaria endemic zone in West Bengal	DST-SERC-SC	Hati, A.K., Prof. (M) Vidyasagar University Department of Physiology Midnapore - 721 102 West Bengal	19.23	36
2876	Molecular Epidemiology of HCC in India with special reference to GST gene polymorphism	DST-SERC-SC	Kar, P., Dr. (M) Maulana Azad Medical College & Associated Hospitals Department of Medicine New Delhi - 110 002 Delhi	23.00	36
2877	Molecular Genetic Studies of Congenital hearing impairment	DST-SERC-SC	Ramachander, P.V., Dr. (M) Institute of Life Sciences Department of Human Genetics Bhubaneswar - 751 023 Orissa	22.77	36
2878	Molecular Pathology of hypertrophic Cardiomyopathy	DST-SERC-SC	Nallari, P., Dr. (F) Osmania University Department of Genetics Hyderabad - 500 007 Andhra Pradesh	24.00	36
2879	Nitric Oxide synthase & Heme Oxygenase as Modulator of Vascular tone in a Rabbit Model of Non - Cirrhotic Portal Hypertension	DST-SERC-SC	Sarin, S.K., Dr. (M) G.B. Pant Hospital Department of Gastrointestinal Sciences New Delhi - 110 002 Delhi	27.97	36
2880	Phytosomes in improving Hepatoprotective activity of Phytoconstituents	DST-SERC-SC	Rawat, M.S.M., Dr. (M) Hemwati Nandan Bahuguna Garhwal University Department of Chemistry Srinagar Garhwal - 246 174 Uttarakhand	20.16	36
2881	Potential of the edible Mushroom, Pleurotus, Sajor - caju to Bioaccumulate iron & its efficacy for the cure of Anaemia	DST-SERC-SC	Popat, Z.S., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Department of Zoology Aurangabad - 431 004 Maharashtra	6.29	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
2882	Potential Tuberculosis Drugs from Marine Actinomycetes	DST-SERC-SC	Balarghunathan,R., Dr. (M) Sri Sankara Arts & Science College Department of Microbiology Kanchipuram - 631 561 Tamil Nadu	9.15	36
2883	Potential Tuberculosis Drugs from Marine Actinomycetes	DST-SERC-SC	Doble,M., Dr. (M) Indian Institute of Technology (M) Department of Biochemistry Chennai - 600 036 Tamil Nadu	4.75	36
2884	Potential Tuberculosis Drugs from Marine Actinomycetes*	DST-SERC-SC	Kumar,V., Dr. (F) Tuberculosis Research Centre Department of Bacteriology Chennai - 600 031 Tamil Nadu	6.07	36
2885	Prenatal Development & maturation of Human Inferior Colliculus	DST-SERC-SC	Roy,T.S., Dr. (M) All India Institute of Medical Sciences Department of Anatomy New Delhi - 110 029 Delhi	23.88	36
2886	Preparation & evaluation of antigen of Japanese encephalitis virus grown in cell cultures	DST-SERC-SC	Paramasivan,R., Dr. (M) Centre for Research in Medical Entomology Serology Section Madurai - 625 002 Tamil Nadu	13.24	36
2887	Prevalence of hypothyroidism following treatment of Head - Neck Cancer & its impact on quality of life	DST-SERC-SC	Thakar,A., Dr. (M) All India Institute of Medical Sciences Otorhinolamg., Head & Neck Surgery New Delhi - 110 029 Delhi	12.97	36
2888	Primary Progesterone Therapy for operable Breast Cancer - A Randomized Controlled Trial: Completion of follow up & final analysis	DST-SERC-SC	Badwe,R.A., Dr. (M) Tata Memorial Centre Department of Surgical Oncology Mumbai - 400 012 Maharashtra	30.51	36
2889	Proteomic approach for mapping & characterizing domain specific epididymal proteins involved in post testicular sperm maturation	DST-SERC-SC	Khole,V.V., Dr. (F) National Institute for Research in Reproductive Health Dept. of Gamete Immunobiology, Parel Mumbai - 400 012 Maharashtra	36.15	36
2890	Proteomics of medically important fungus, Aspergillus fumigatus, to identify potential allergens/antigens, virulent factors & proteins & pathways involved in drug resistance	DST-SERC-SC	Gupta,T.M., Dr. (F) National Institute for Research in Reproductive Health Department of Immunology Mumbai - 400 012 Maharashtra	11.00	36
2891	Randomized clinical trial to compare results of concurrent chemo -radiation with surgery & post operative radiotherapy in advanced Laryngeal & Hypo Pharyngeal Cancer	DST-SERC-SC	Pai,P.S., Dr. (M) Tata Memorial Centre Surgical Oncology, Head & Neck Service Mumbai - 400 012 Maharashtra	22.00	36
2892	Role of Non-classical HLA Class I Antigens HLA-G, HLA-E & Killer Inhibitory Receptor KIR2DL4 in the intricacy of pregnancy	DST-SERC-SC	Agrawal,S., Prof. (F) Sanjay Gandhi P.G. Institute of Medical Sciences Department of Medical Genetics Lucknow - 226 014 Uttar Pradesh	26.02	36
2893	Salt forms for optimization of biopharmaceutical properties of drug substances	DST-SERC-SC	Bansal,A., Dr. (M) National Institute of Pharmaceutical Education & Research Department of Pharmaceutical Technology Mohali - 160 062 Punjab	17.92	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2894	Screening of Herbal Drugs used in treatment of Hepato Cellular Carcinoma	DST-SERC-SC	Rao,C.V., Dr. (M) National Botanical Research Institute Div. of Pharmacognosy & Ethnopharma. Lucknow - 226 001 Uttar Pradesh	22.88	36
2895	Studies on the association of polymorphism, methylation & expression of various genes with Hepatocellular Carcinoma in India	DST-SERC-SC	Kaur,J., Dr. (F) P.G. Institute of Medical Education & Research Department of Biochemistry Chandigarh - 160 012 Chandigarh	25.75	36
2896	Study of immune responses to common recall antigens & super antigens in autoimmune diseases before & after immunosuppressive intervention	DST-SERC-SC	Das,S., Dr. (F) University College of Medical Sciences & GTB Hospital Department of Microbiology New Delhi - 110 095 Delhi	27.61	36
2897	Study of New Gemostatic Gene Polymorphisms in young Patients from North India with acute Myocardial Infraction	DST-SERC-SC	Das,R., Dr. (F) P.G. Institute of Medical Education & Research Department of Haematology Chandigarh - 160 012 Chandigarh	26.55	36
2898	Testicular germ cells apoptosis in Diabetic Albino rat: Corrective effect of a formulated herbal drug - MTEC	DST-SERC-SC	Ghosh,D., Dr. (M) Vidyasagar University Bio-Medical Lab. Sc. & Management Midnapore - 721 102 West Bengal	20.41	36
2899	The association off HLA Class II Allele with clinical & autoantibody subsets in systemic Lupus Erythematosus	DST-SERC-SC	Negi,V.S., Dr. (M) Jawaharlal Institute of P.G. Medical Education & Research Department of Medicine Puducherry - 605 006 Puducherry	22.98	36
2900	To bioengineer a Corneal Stromal substitute using cross linked connective tissue	DST-SERC-SC	Krishnakumar,S., Dr. (M) Vision Research Foundation Chennai - 600 006 Tamil Nadu	15.44	36
2901	To bioengineer a corneal stromal substitute using cross linked connective tissue*	DST-SERC-SC	Sastry,T.P., Dr. (M) Central Leather Research Institute Bioproducts Laboratory Chennai - 600 020 Tamil Nadu	13.14	36
2902	To investigate the effect of maternal hypothyroidism on transcriptional factor sequel in early neurogenesis & neuronal migration	DST-SERC-SC	Godbole,M.M., Dr. (M) Sanjay Gandhi P.G. Institute of Medical Sciences Department of Endocrinology Lucknow - 226 014 Uttar Pradesh	32.68	36
2903	To study the effect of endogenous PPAR γ ligand on expression of c-Myc & RAGE-EN-RAGE along with in vivo biomarkers of oxidative stress in patients with endometriosis	DST-SERC-SC	Dhawan,V., Dr. (F) P.G. Institute of Medical Education & Research Dept. of Experimental Medicine & Biotech. Chandigarh - 160 012 Chandigarh	23.14	36
2904	To study the monosomy 3, chromosome 8 & 1 aberrations in Uveal melanomas by chromosome in situ hybridization & correlate with histopathological & clinical parameters	DST-SERC-SC	Krishnakumar,S., Dr. (M) Vision Research Foundation Department of Ocular Pathology Chennai - 600 006 Tamil Nadu	11.14	36
2905	Typing of Pseudomonas aeruginosa in cystic fibrosis patients in Northern India	DST-SERC-SC	Agrawal,S.K., Prof. (M) Chhatrapati Sahuji Maharaj Medical University Department of Microbiology Lucknow - 226 003 Uttar Pradesh	12.59	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2906	Understanding the mechanism of Azadirachtin - mediated cell signaling: Role in Anti-Inflammation & Anti-Tumorigenesis	DST-SERC-SC	Manna, S.K., Dr. (M) Centre for DNA Fingerprinting & Diagnostics Hyderabad - 500 076 Andhra Pradesh	20.00	36
2907	Approach towards value added herbal dosage from development	DST-SERC-WOS	Mukherjee, K., Dr. (F) Jadavpur University School of Natural Product Studies Kolkata - 700 032 West Bengal	11.88	36
2908	Biochemical modulation of P - glycoprotein to overcome multidrug resistance in Cancer	DST-SERC-WOS	Ghosh, R.D., Dr. (F) Chittaranjan National Cancer Research Centre Invitro Carcinogenesis & Cellular Chemo. Kolkata - 700 026 West Bengal	16.32	36
2909	Delineation of the molecular mechanism underlying pathogenesis of medulloblastoma, resulting from constitutive activation of Sonic Hedgehog signaling pathway	DST-SERC-WOS	Shirsat, N.V., Dr. (F) Advanced Centre for Treatment Research & Education in Cancer Department of Neuro-oncology Navi Mumbai - 410 208 Maharashtra	23.96	36
2910	Efficacy & safety evaluation on antiepileptic activity of selected Indian herbs	DST-SERC-WOS	Pahuja, M., Ms. (F) All India Institute of Medical Sciences Department of Pharmacology New Delhi - 110 029 Delhi	8.04	36
2911	Evaluation of anticancer activity of some novel Benzothiazole analogs in vitro & in vivo	DST-SERC-WOS	Manjula, S.N., Ms. (F) Manipal College of Pharmaceutical Sciences Manipal - 576 104 Karnataka	9.36	36
2912	Expression profiling & identification of Genes associated with development of Cervical Cancer	DST-SERC-WOS	Kaur, H., Dr. (F) Institute of Cytology & Preventive Oncology Noida - 201 301 Uttar Pradesh	17.28	36
2913	Gene - Environment interactions & susceptibility to breast cancer	DST-SERC-WOS	Lakshmi, S., Dr. (F) Regional Cancer Centre Department of Molecular Medicine Thiruvananthapuram - 695 011 Kerala	32.02	36
2914	Genetic polymorphisms in dementia: A study in North Indian Cohort	DST-SERC-WOS	Pandey, P., Ms. (F) Sanjay Gandhi P.G. Institute of Medical Sciences Department of Neurology Lucknow - 226 014 Uttar Pradesh	9.84	36
2915	Identification & Molecular characterization of bacterial flora in Inflammatory Bowel Disease	DST-SERC-WOS	Paul, J., Dr. (F) Jawaharlal Nehru University School of Life Sciences New Delhi - 110 067 Delhi	21.64	36
2916	Identification of Leishmania donovani reservoir(s) in various animal species of endemic areas using species - specific antibodies & PCR technique	DST-SERC-WOS	Singh, N., Dr. (F) Clinical Microbiologist All India Institute of Medical Sciences Department of Laboratory Medicine New Delhi - 110 029 Delhi	19.56	36
2917	Induction of T- cell tolerance by utilizing MHC - peptides conjugated to nanoparticles for Diabetes management	DST-SERC-WOS	Kaur, J., Dr. (F) Institute of Microbial Technology Immunology Laboratory Chandigarh - 160 036 Chandigarh	16.38	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
2918	Neuroprotective effects of Heparin, Indomethacin & Antibiotics in acute Pneumococcal Meningitis: A functional study on Rat Hippocampal Neurogenesis	DST-SERC-WOS	Santhosh,D.V., Ms. (F) Kasturba Medical College Department of Anatomy Manipal - 576 104 Karnataka	8.64	36
2919	Role of Chlamydia Pneumoniae in Coronary Artery Disease (CAD) patients	DST-SERC-WOS	Mittal,A., Dr. (F) Institute of Pathology Dept. of Tissue Culture/Microbiology New Delhi - 110 029 Delhi	15.78	36
2920	Standardization & evaluation of anti-obesity herbal drugs	DST-SERC-WOS	Garg,C., Ms. (F) Jamia Hamdard Department of Pharmaceutical Chemistry New Delhi - 110 062 Delhi	19.08	36
2921	Development of DNA Methylation detection KU & associated instrumentation for healthcare application	DST-TSD	Ali,M.J., Dr. (M) Anna University Chennai - 600 025 Tamil Nadu	33.81	36
2922	Development of nanotechnology based alternative detection systems for lymphatic filarial parasite wuchereria bancrofti in vectors	DST-TSD	Hoti,S.L., Dr. (M) Vector Control Research Centre Puducherry - 605 006 Puducherry	8.88	24
2923	Development of nanotechnology based alternative detection systems for lymphatic filarial parasitewuchereria bancrofti in vectors	DST-TSD	Vasan,H.N., Dr. (M) Indian Institute of Science Bengaluru - 560 012 Karnataka	25.12	24
2924	Feasibility study of polymer - organ silicon nano composites for oral drug delivery systems related to colon disease	DST-TSD	Dutta,M., Dr. (F) Delhi University Department of Chemistry Delhi - 110 007 Delhi	26.60	24
2925	Infrared Spectroscopic study for tumor diagnosis	DST-TSD	Mahrotra,R., Dr. (F) National Physical Laboratory New Delhi - 110 012 Delhi	39.18	36
2926	Diabetic Dyslipidemia & Cardiovascular Diseases: The possible role of Indian Herbal Medicine	DST-USERS	Chander,R., Dr. (M) Era's Lucknow Medical College & Hospital Department of Biochemistry Lucknow - 226 003 Uttar Pradesh	3.59	24
2927	A comparative study of various types of nutritional therapies on morbidity & quality of life in nutritional deficient patients with Liver Cirrhosis	ICMR-ADHOC	Choudhuri,G., Dr. (M) Additional Professor Sanjay Gandhi P.G. Institute of Medical Sciences Department of Gastroenterology, Uttrathia Lucknow - 226 014 Uttar Pradesh	4.88	36
2928	A Proteomic analysis of signal transduction mediated by the receptor Guanylyl Cyclase C	ICMR-ADHOC	Visweswariah,S.S., Dr. (F) Associate Professor Indian Institute of Science Molecular Repro. Development & Genetics Bengaluru - 560 012 Karnataka	15.81	36
2929	A randomised double blind placebo controlled clinical trial of Centchroman (Saheli) in Breast pain & nodularity (Benign Breast disorders)	ICMR-ADHOC	Kumar,S., Dr. (M) Professor Chhatrapati Sahuji Maharaj Medical University Department of Surgery Lucknow - 226 003 Uttar Pradesh	8.50	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2930	A rural population based study of Chinkugunya infection with special reference to persistent 'Rheumatic Musculoskeletal Disorders'	ICMR-ADHOC	Chopra, A., Dr. (M) Director Centre for Rheumatic Diseases Arthritis Research & Care Foundation Pune - 411 001 Maharashtra	20.86	18
2931	A study in Assam & Arunachal Pradesh on the morphological variation & molecular characterization of anopheles minimus species complex, the major Malaria vector in North East India	ICMR-ADHOC	Dutta, P., Dr. (M) Scientist E Regional Medical Research Centre Dibrugarh - 786 001 Assam	38.92	36
2932	A study on body composition & prevalence of overweight among adolescents in Manipur along with factors associated with overweight	ICMR-ADHOC	Singh, A.J., Dr. (M) Associate Professor Regional Institute of Medical Sciences Department of Physical Medicine Imphal - 795 004 Manipur	12.27	18
2933	A study on Cerebral Palsy in Kanchipuram District of Tamil Nadu	ICMR-ADHOC	Padmapriya, N., Dr. (F) Principal Meenakshi College of Physiotherapy Chennai - 600 078 Tamil Nadu	7.25	36
2934	A study on differentiation - induced regulation of the immune response related genes in the Intestinal Epithelial Cells	ICMR-ADHOC	Das, S., Dr. (M) Scientist C National Institute of Cholera & Enteric Diseases Kolkata - 700 010 West Bengal	24.74	36
2935	A study on emerging technology trends in Cardiovascular Disease & Diabetes as reflected from current patent analysis	ICMR-ADHOC	Swaminathan, K.V., Dr. (M) Chairman Waterfalls Institute of Technology Transfer New Delhi - 110 049 Delhi	3.41	18
2936	A study on the effect of Boerhavia diffusa & andrographis paniculata & the isolated compounds in the inhibition of Tumour cell	ICMR-ADHOC	Kuttan, G., Dr. (F) Professor Amala Cancer Hospital & Research Centre Department of Immunology, Amala Nagar Thrissur - 680 553 Kerala	9.59	36
2937	Acceptability of HIV risk reducing strategies among Indian couples	ICMR-ADHOC	Bagga, R., Dr. (F) Associate Professor P.G. Institute of Medical Education & Research Department of Obstetrics & Gynaecology Chandigarh - 160 012 Chandigarh	11.24	12
2938	Addressing reproductive & sexual health needs of adolescents youths: An operations research in rural Gujarat	ICMR-ADHOC	Gandotra, M.M., Dr. (M) Director Society for Operations Research & Training (SORT) 405, Woodland Apartment, Race Course Vadodra - 390 007 Gujarat	18.98	24
2939	Age - related changes in the expression of antioxidant enzymes & apoptotic proteins in testis of Neonatal Hypothyroid rats	ICMR-ADHOC	Chairny, G.B.N., Dr. (M) Professor Utkal University Dept. of Zoology, Biochemistry Unit Bhubaneswar - 751 004 Orissa	8.20	36
2940	An epidemiological study of prevalence & pattern of neuropsychiatric disorders with special reference to cognitive disorders amongst elderly	ICMR-ADHOC	Tiwari, S.C., Dr. (M) Professor Chhatrapati Sahuji Maharaj Medical University Department of Geriatric Mental Health Lucknow - 226 003 Uttar Pradesh	30.24	24
2941	Analysis of HLA Allele polymorphism in patients with primary Biliary Cirrhosis	ICMR-ADHOC	Minz, R.W., Dr. (F) Additional Professor P.G. Institute of Medical Education & Research Department of Immunopathology Chandigarh - 160 012 Chandigarh	15.76	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2942	Anticancer effect of medicinal plants on Prostate Cancer progression model in vitro	ICMR-ADHOC	Gopalakrishnan, V.K., Dr. (M) Assistant Professor Karpagam Arts & Science College Department of Biochemistry Coimbatore - 641 021 Tamil Nadu	8.90	24
2943	Antifibrotic potential of select herbal compounds efficacy & mode of action in experimental hepatic fibrosis rat models	ICMR-ADHOC	Khandelwal, S., Dr. (F) Scientist E I Indian Institute of Toxicology Research Lucknow - 226 001 Uttar Pradesh	8.92	24
2944	Antihypertensive effect of melothria Maderaspatana leaf extract on doca-salt hypertensive rats	ICMR-ADHOC	Pugalendi, K.V., Dr. (M) Professor Annammalai University Department of Biochemistry Annammalainagar - 608 002 Tamil Nadu	8.46	18
2945	Application of DNA Methylation profiling analysis for identification of a panel of genes suitable for prediction of outcome in patients of invasive Cervical Cancer	ICMR-ADHOC	Srinivasan, R., Dr. (F) Additional Professor P.G. Institute of Medical Education & Research Dept. of Cytology & Gynaecologic Pathology Chandigarh - 160 012 Chandigarh	9.50	24
2946	Assessing the burden of neurodevelopmental disorders epidemiology etiology & socioeconomic influences	ICMR-ADHOC	Kumar, R., Dr. (F) Professor Chhatrapati Sahuji Maharaj Medical University Department of Paediatrics Lucknow - 226 003 Uttar Pradesh	17.85	36
2947	Assessment of pesticide exposure in tea garden workers of North-Eastern state of India (HEBM)	ICMR-ADHOC	Jain, A.K., Dr. (M) Scientist E Institute of Pathology New Delhi - 110 029 Delhi	43.37	36
2948	Assessment of risk factors associated with Alzheimer's disease & vascular dementia	ICMR-ADHOC	Mukhopadhyay, A.K., Dr. (M) Professor All India Institute of Medical Sciences Department of Laboratory New Delhi - 110 029 Delhi	28.36	36
2949	Assessment of risk factors of chronic non communicable diseases among the population of Andaman & Nicobar Islands	ICMR-ADHOC	Sugunan, A.P., Dr. (M) Scientist E Regional Medical Research Centre Port Blair - 744 101 Andaman & Nicobar	18.63	36
2950	Association of Cytokine gene polymorphisms with Hepatocellular Carcinoma in viral Hepatitis B patients in India	ICMR-ADHOC	Kaur, J., Dr. (F) Assistant Professor P.G. Institute of Medical Education & Research Department of Biochemistry Chandigarh - 160 012 Chandigarh	24.13	36
2951	Attenuation of haemodynamic pressor response to laryngoscopy & endotracheal intubation: A randomized double blind clinical trial of clonidine in comparison to glyceryl trinitrate orally	ICMR-ADHOC	Panditrao, M.M., Dr. (M) Professor & Head Padmashree Dr. D.Y. Patil Medical College for Women Department of Anaesthesiology, Pimpri Pune - 411 018 Maharashtra	3.73	36
2952	Biochemical & molecular studies on the therapeutic efficacy of ellagic acid along with paclitaxel against DMBA induced Breast Cancer in aged Sprague Dawley rats	ICMR-ADHOC	Sakthisekaran, D., Dr. (M) Professor Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences Department of Medical Biochemistry Chennai - 600 113 Tamil Nadu	13.84	36
2953	Biochemical evaluation of iron deprivation in Mycobacterium Tuberculosis with specific reference to iron-regulated envelope proteins & to action of anti Mycobacterial drugs	ICMR-ADHOC	Sritharan, M., Dr. (F) Reader Hyderabad University School of Life Science, Gachibowli Hyderabad - 500 046 Andhra Pradesh	14.59	36

BROAD SUBJECT AREA : MEDICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
2954	Biochemical studies on the mechanism of action of hypoglycemic & hypolipidemic compounds from the fruits of withania coagulans (Doda Paneer)	ICMR-ADHOC	Gambhir,J.K., Dr. (M) Professor University College of Medical Sciences & GTB Hospital Department of Biochemistry Delhi - 110 095 Delhi	12.75	36
2955	Clinical correlation of AchR-Abs & MuSK-Abs in Myasthenia gravis patients in context with phenotype & genotype variation	ICMR-ADHOC	Behari,M., Dr. (F) Professor & Head All India Institute of Medical Sciences Department of Neurology, C.N. Centre New Delhi - 110 029 Delhi	27.80	36
2956	Clinical implications of circulating DNA & protein markers in Lung Cancer	ICMR-ADHOC	Guleria,R., Dr. (M) Professor All India Institute of Medical Sciences Department of Medicine New Delhi - 110 029 Delhi	19.11	36
2957	Cloning & expression of flagellin gene of Salmonella Typhi: An immunodiagnostic approach	ICMR-ADHOC	Chaudhry,R., Dr. (M) Professor All India Institute of Medical Sciences Deptment of Microbiology New Delhi - 110 029 Delhi	23.80	36
2958	Cloning, sequencing & expression of different genomic regions of Transfusion Transmitted Virus (TTV) prevalent in Indian populations	ICMR-ADHOC	Irshad,M., Dr. (M) Professor All India Institute of Medical Sciences Department of Laboratory Medicine New Delhi - 110 029 Delhi	24.09	36
2959	Combainative immunoprophylactic potential of gp 63 & Hsp 70 against Leishmania Donovanii in Balb/c mice	ICMR-ADHOC	Kaur,S., Dr. (F) Reader Panjab University Department of Zoology Chandigarh - 160 014 Chandigarh	30.58	36
2960	Comparative analysis of Ddiffuse Large B cell Lymphoma (DLBL) in HIV/AIDS Vs. Those in immunocompetent patients from India & in West	ICMR-ADHOC	Shet,T., Dr. (F) Professor Tata Memorial Centre Mumbai - 400 012 Maharashtra	25.55	12
2961	Comparative performance of 14 C- Urea Breath Test (14C - UBT) by ingesting 14C-Urea with & without encapsulation	ICMR-ADHOC	Pathak,C.M., Dr. (M) Additional Professor P.G. Institute of Medical Education & Research Department of Biophysics Chandigarh - 160 012 Chandigarh	4.49	24
2962	Comparison of taqman profbe based Real-Time Polymerase Chain Reaction (RT-PCR) & pp65 antigenemia assay for quantitation of Human Cytomeg-Alovirus (HCMV) in clinical specimens & a study on Ganciclovir , resistance of HCMV	ICMR-ADHOC	Madhavan,H.N., Dr. (M) Director Vision Research Foundation Chennai - 600 006 Tamil Nadu	18.60	36
2963	Computerized 3-D facial reconstruction	ICMR-ADHOC	Sahni,D., Dr. (F) Additional Professor P.G. Institute of Medical Education & Research Department of Anatomy Chandigarh - 160 012 Chandigarh	14.43	36
2964	Correlation between first trimester glucose screening & serum insulin levels with development of gestational diabetes mellitus pregnancy	ICMR-ADHOC	Khadgawat,R., Dr. (M) Assistant Professor All India Institute of Medical Sciences Dept. of Endocrinology & Metabolism New Delhi - 110 029 Delhi	9.01	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2966	Creation of genetic disease registry, DNA banking & EBV transformed cell lines from informative families of rare genetic disorders	ICMR-ADHOC	Phadke, S.R., Dr. (F) Professor Sanjay Gandhi P.G. Institute of Medical Sciences Department of Medical Genetics Lucknow - 226 014 Uttar Pradesh	83.28	36
2966	DC-sign & DC-signr genetic variations & HIV transmission in India	ICMR-ADHOC	Banerjee, A., Dr. (M) Staff Scientist VI National Institute of Immunology New Delhi - 110 067 Delhi	15.20	24
2967	DC-sign & DC-signr genetic variations & HIV transmission in India	ICMR-ADHOC	Wanchu, A., Dr. (M) Additional Professor P.G. Institute of Medical Education & Research Department of Internal Medicine Chandigarh - 160 012 Chandigarh	21.50	24
2968	Design & characterization of stable folded fragments/ derivatives of HIV ENV for use as immunogens	ICMR-ADHOC	Ranga, U.K., Dr. (M) Associate Professor Jawaharlal Nehru Centre for Advanced Scientific Research Molecular Biology & Genetics Unit Bengaluru - 560 064 Karnataka	3.30	36
2969	Design & characterization of stable folded fragments/ derivatives of HIV ENV for use as immunogens	ICMR-ADHOC	Varadarajan, R., Dr. (M) Professor Indian Institute of Science Department of Molecular Biophysics Bengaluru - 560 012 Karnataka	4.74	36
2970	Detection of HCV Core Antigen (HCVCA) for diagnostic screening of HCV infection in patients on maintenance Haemodialysis	ICMR-ADHOC	Agarwal, S.K., Dr. (M) Additional Professor All India Institute of Medical Sciences Department of Nephrology New Delhi - 110 029 Delhi	29.55	36
2971	Detection of human Papilloma Virus in benign & malignant ocular lesions & correlation with cell cycle regulatory proteins	ICMR-ADHOC	Sen, S., Dr. (F) Associate Professor All India Institute of Medical Sciences Dr. R.P. Centre for Ophthalmic Sciences New Delhi - 110 029 Delhi	21.32	24
2972	Development of a feasibility module for road traffic injury & injury surveillance in Bangalore	ICMR-ADHOC	Gururaj, G., Dr. (M) Professor & Head National Institute of Mental Health & Neuro Sciences (NIMHANS) Department of Epidemiology Bengaluru - 560 029 Karnataka	2.00	3
2973	Development of a killed oral Shigella Vaccine: Challenge studies in a disease model (Rabbits) of Shigellosis for evaluation of protection & immunogenicity	ICMR-ADHOC	Mahalanabis, D., Dr. (M) Director Society for Applied Studies 108, Manicktala Main Road, Flat 3/21 Kolkata - 700 054 West Bengal	18.41	36
2974	Development of a Murine model of HIV - A subtype C infection & its application to studies on viral pathogenesis & drug discovery	ICMR-ADHOC	Rath, S., Dr. (M) Staff Scientist VII National Institute of Immunology New Delhi - 110 067 Delhi	5.38	36
2975	Development of a Murine model of HIV - A subtype C infection & its application to studies on viral pathogenesis & drug discovery	ICMR-ADHOC	Mayor, S., Dr. (M) Associate Professor National Centre for Biological Sciences Cellular Organisation & Signalling Bengaluru - 560 065 Karnataka	4.76	36
2976	Development of a rapid molecular technique for diagnosis of Congenital Adrenal Hyperplasia due to steroid 21- hydroxylase deficiency	ICMR-ADHOC	Maitra, A., Dr. (F) Scientist E National Institute for Research in Reproductive Health Department of Molecular Endocrinology Mumbai - 400 012 Maharashtra	11.66	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
2977	Development of dental cement composite based ultra-violet radiation curable resin modified glass ionomer	ICMR-ADHOC	Diwan, R.K., Dr. (M) Assistant Director Shriram Institute for Industrial Research Division of Material Science Delhi - 110 007 Delhi	11.73	24
2978	Development of enzyme linked immunoblot assay (elisa) of diagnosis of Cystic Echinococcosis (EC) in animals & man	ICMR-ADHOC	Bhattacharya, D., Dr. (M) Scientist (S.S.) Indian Veterinary Research Institute Eastern Regional Station, 37, Belgachia Road Kolkata - 700 037 West Bengal	25.86	36
2979	Development of Immuno-fluorescence detection system for early diagnosis of human Leptospirosis	ICMR-ADHOC	Sharma, S., Dr. (M) Scientist B Regional Medical Research Centre Port Blair - 744 101 Andaman & Nicobar	4.50	12
2980	Diagnosis of drowning: Role of the diatom test	ICMR-ADHOC	Chattopadhyay, P.K., Dr. (M) Director Amity Institute of Forensic Sciences New Delhi - 110 024 Delhi	10.90	36
2981	Effect of Embryonic Stem Cells (ESCs) & magnetic stimulation in the sensory - Motor functional recovery of spinalized rats	ICMR-ADHOC	Mathur, R., Dr. (F) Professor All India Institute of Medical Sciences Department of Physiology New Delhi - 110 029 Delhi	19.06	36
2982	Effect of remunerative jobs on psychopathology & psychosocial functioning of hospitalized chronic Schizophrenic patients	ICMR-ADHOC	Kumar, S., Dr. (M) Director Institute of Mental Health & Hospital Agra - 282 002 Uttar Pradesh	9.06	24
2983	Effects of Panmasala on the oral hard & soft tissues	ICMR-ADHOC	Kumar, S., Dr. (M) Scientist F National Institute of Occupational Health Div. of Reproductive & Cyto. Toxicology Ahmedabad - 380 016 Gujarat	17.64	36
2984	Efficacy of daily iron folic acid supplementation in correction of iron deficiency anemia amongst 3-5 years old children	ICMR-ADHOC	Kapil, U., Dr. (M) Professor All India Institute of Medical Sciences Department of Human Nutrition New Delhi - 110 029 Delhi	11.50	24
2985	Establishment of a research coordination unit for North-Eastern States at RMRC, Dibrugarh	ICMR-ADHOC	Mahanta, J., Dr. (M) Scientist G & Director Regional Medical Research Centre Dibrugarh - 786 001 Assam	9.48	36
2986	Evaluation of frequency of Methylene tetrahydrofolate reductase (MTHFR), Angiotensin Converting Enzyme (ACE), apoe, alpha -adducin & alpha -1 antichymotrypsin phosphodiesterase 4D polymorphisms in Ischemic & & outcome	ICMR-ADHOC	Misra, U.K., Dr. (M) Professor & Head Sanjay Gandhi P.G. Institute of Medical Sciences Department of Neurology Lucknow - 226 014 Uttar Pradesh	18.14	36
2987	Evaluation of platelet receptor polymorphism in patients with Coronary Artery Disease	ICMR-ADHOC	Saxena, R., Dr. (F) Professor & Head All India Institute of Medical Sciences Department of Haematology New Delhi - 110 029 Delhi	23.36	36
2988	Evaluation of the anti cancer potential of rosemary against chemical induced carcinogenesis in mice	ICMR-ADHOC	Goyal, P.K., Dr. (M) Associate Professor Rajasthan University Department of Zoology Jaipur - 302 004 Rajasthan	7.42	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
2989	Evaluation of the beneficial effects of Taurine supplementation in patients with diabetes mellitus	ICMR-ADHOC	Sethupathy, S., Dr. (M) Professor Rajah Muthiah Medical College & Hospital Division of Biochemistry Annamalainagar - 608 002 Tamil Nadu	2.86	12
2990	Evaluation of the role of aquaporin water channels & caveolin proteins in regulating G vasopressin induced hemostatic mechanisms	ICMR-ADHOC	Tyagi, M.G., Dr. (M) Christian Medical College & Hospital Department of Pharmacology Vellore - 632 004 Tamil Nadu	3.03	12
2991	Evaluation of topical cyclosporin: A drops in control of acute ocular inflammation in Steven Johnson's syndrome	ICMR-ADHOC	Sharma, N., Dr. (F) Associate Professor All India Institute of Medical Sciences Dr. R.P. Centre for Ophthalmic Sciences New Delhi - 110 029 Delhi	12.69	36
2992	Exploration of nature's chemodiversity: Identification & evaluation of plant-derived anticancer agents	ICMR-ADHOC	Chopra, M., Dr. (F) Research Scientist Dr. B.R. Ambedkar Centre for Biomedical Research Delhi - 110 007 Delhi	11.47	36
2993	Expression of aldose reductase in human cancers: Role in anti cancer drug resistance & effect of dietary aldose reductase inhibitors as adjuvants to anticancer drug therapy	ICMR-ADHOC	Kumar, P.U., Dr. (M) Scientist E National Institute of Nutrition Hyderabad - 500 007 Andhra Pradesh	10.40	24
2994	Expression of apoptotic markers in Molar pregnancy: Correlation with the prognosis	ICMR-ADHOC	Rath, G., Dr. (F) Professor & Head Vardhman Mahavir Medical College & Safdarjung Hospital Department of Anatomy New Delhi - 110 029 Delhi	36.06	36
2995	FUT2 & ABO gene polymorphisms in determination of susceptibility to Noroviral infections	ICMR-ADHOC	Kang, G., Dr. (M) Professor Christian Medical College & Hospital Department of Gastrointestinal Vellore - 632 004 Tamil Nadu	36.52	36
2996	Genetic analysis of VEGF-A, CCL-2 & SFIT-1 expression in patients of Amyotrophic lateral sclerosis & their clinical correlation	ICMR-ADHOC	Prabhakar, S., Dr. (M) Professor & Head P.G. Institute of Medical Education & Research Department of Neurology Chandigarh - 160 012 Chandigarh	26.60	36
2997	Genotoxicity studies of neuro-psychiatric prophylactic drugs using molecular assays	ICMR-ADHOC	Manjunatha, K.R., Dr. (M) Head National Institute of Mental Health & Neuro Sciences (NIMHANS) Department of Human Genetic Bengalooru - 560 029 Karnataka	12.99	36
2998	Genotyping of M. Tuberculosis isolates from an endemic area	ICMR-ADHOC	Singh, S., Dr. (M) Professor & Head All India Institute of Medical Sciences Division of Clinical Microbiology New Delhi - 110 029 Delhi	37.89	36
2999	Glial Tumours: A correlative clinicopathological study of chromosomes 1p/19q status, Epidermal Growth Factor Receptor (EGFR) amplification & P53 expression	ICMR-ADHOC	Sarkar, C., Dr. (F) Professor All India Institute of Medical Sciences Department of Pathology New Delhi - 110 029 Delhi	13.79	36
3000	HIV- Cervical Cancer prevention research program	ICMR-ADHOC	Mehendale, S.M., Dr. (M) Scientist F National Aids Research Institute Pune - 411 026 Maharashtra	23.47	12

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
3001	HPV infection in Indian HIV- Seropositive Men	ICMR-ADHOC	Mathai,D., Dr. (M) Professor Christian Medical College & Hospital Department of Medicine Vellore - 632 004 Tamil Nadu	43.00	12
3002	Human Health risk assessment for air pollutants in Chennai, India	ICMR-ADHOC	Balakrishnan,K., Dr. (F) Professor & Head Sri Ramachandra Medical College & Research Institute Dept. of Environmental Health Engineering Chennai - 600 116 Tamil Nadu	31.50	36
3003	Identification & distribution of HIV-1 encoded micromas in North- East Indian population	ICMR-ADHOC	Das,S., Dr. (M) Scientist C National Institute of Cholera & Enteric Diseases Kolkata - 700 010 West Bengal	23.72	24
3004	Identification of a novel transmembrane receptor for progesterone	ICMR-ADHOC	Modi,D.N., Dr. (F) Scientist C National Institute for Research in Reproductive Health Mumbai - 400 012 Maharashtra	10.60	24
3005	Identification of graf t- facilitating cells in human bone marrow & G-CSF mobilized peripheral blood stem cell harvests	ICMR-ADHOC	Nityanand,S., Dr. (F) Professor & Head Sanjay Gandhi P.G. Institute of Medical Sciences Department of Haematology, Utrathia Lucknow - 226 014 Uttar Pradesh	9.77	13
3006	Immunopathogenesis of Campylobacter Jejuni induced Paralysis Resembling Guillain Barre Syndrome in Chickens	ICMR-ADHOC	Prasad,K.N., Dr. (M) Professor Sanjay Gandhi P.G. Institute of Medical Sciences Department of Microbiology Lucknow - 226 014 Uttar Pradesh	12.89	36
3007	Impact of specific nutritional interventions on the performance of young sports persons: A community based control study	ICMR-ADHOC	Ghosh,M.S., Dr. (M) Chief Consultant West Bengal State Council of Sports Kolkata - 700 021 West Bengal	65.63	24
3008	Implications of follicle stimulating hormone signaling in Prostate pathophysiology	ICMR-ADHOC	Mahale,S.D., Dr. (F) Scientist F National Institute for Research in Reproductive Health Mumbai - 400 012 Maharashtra	10.00	24
3009	In vitro testing of indigenously developed active principles for identification & characterization of candidate anti-retroviral microbicides	ICMR-ADHOC	Reddy,K.V.R., Dr. (M) Scientist E National Institute for Research in Reproductive Health Division of Immunolgy, J.M.Street, Parel Mumbai - 400 012 Maharashtra	3.74	36
3010	In Vitro testing of indigenously developed active principles for identification & characterization of candidate anti-retroviral microbicides	ICMR-ADHOC	Singh,K.K., Dr. (M) Reader C.U. Shah College of Pharmacy Department of Pharmaceutics Mumbai - 400 049 Maharashtra	6.17	36
3011	In Vitro testing of indigenously developed active principles for identification & characterization of candidate anti-retroviral microbicides	ICMR-ADHOC	Talwar,G.P., Dr. (M) Director Research Talwar Research Foundation New Delhi - 110 068 Delhi	2.82	36
3012	In Vitro testing of indigenously developed active principles for identification & characterization of candidate anti-retroviral microbicides	ICMR-ADHOC	Kulkarni,S.S., Dr. (F) Scientist D National Aids Research Institute Molecular Virology Division Pune - 411 026 Maharashtra	20.36	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (In Months)
3013	In vitro testing of indigenously developed active principles for identification & characterizations of candidate anti-retroviral microbicides	ICMR-ADHOC	Joshi,S.P., Dr. (M) Scientist EII National Chemical Laboratory Division of Organic Chemistry Pune - 411 008 Maharashtra	5.64	36
3014	Inhibition of gene expression in HIV: Design & synthesis of novel nucleobase oligomers for the inhibition of protein-nucleic acid interactions	ICMR-ADHOC	Kesavan,V., Dr. (M) Assistant Professor Indian Institute of Technology (M) Department of Biotechnology Chennai - 600 036 Tamil Nadu	3.74	36
3015	Insight into pathogenetic mechanisms in Antituberculosis Drugs (ATD) induced hepatotoxicity	ICMR-ADHOC	Santra,A.K., Dr. (M) Biochemist Institute of P.G. Medical Education & Research & S.S.K.M. Hospital Department of Gastroenterology Kolkata - 700 020 West Bengal	18.65	36
3016	Insulin - like growth factors & their binding proteins in human Osteoblasts: Regulation by Thyroid stimulating hormone	ICMR-ADHOC	Srinivasan,N., Dr. (M) Professor Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences Department of Endocrinology Chennai - 600 113 Tamil Nadu	12.25	36
3017	Interaction of Alpha-melanocyte stimulating hormone with Staphylococcus Aureus: Mechanism of bactericidal activity	ICMR-ADHOC	Mukhopadhyay,K., Dr. (F) Associate Professor Jawaharlal Nehru University School of Environmental Sciences New Delhi - 110 067 Delhi	20.70	36
3018	Investigation into the utility of a patented synthetic thermo reversible hydrogel polymer as supportive matrix towards the development of 3 - D composite skin for application in wound healing & other Dermatological disorders	ICMR-ADHOC	Yermeni,L.K., Dr. (M) Scientist C Institute of Pathology New Delhi - 110 029 Delhi	16.65	36
3019	Is oxidative stress & lipid peroxidation an viable mechanism of perpetuation of vascular pathology due to hyperhomocysteinemia?	ICMR-ADHOC	Bhargava,S., Dr. (F) Senior Consultant Sir Ganga Ram Hospital Department of Biochemistry New Delhi - 110 060 Delhi	1.85	24
3020	Isolation & characterization of corynebacterium diptheriae isolates from cases of upper respiratory tract infection	ICMR-ADHOC	David,M.N., Dr. (F) Government Medical College Department of Microbiology Dhule - 424 001 Maharashtra	6.29	36
3021	Isolation & expresion of Mesenchymalstem Cells (MSC) from human Bone Marrow (BM) / Umbilical Cord Blood (UCB) & evaluation of its Cardiomyogenic & Neurogenic differentiation Potential	ICMR-ADHOC	Mohanty,S., Dr. (F) Assistant Professor All India Institute of Medical Sciences Stem Cell Facility, Cardio Thoracic Centre New Delhi - 110 029 Delhi	23.90	36
3022	Long term functional restoration in 6-hydroxydopamine lesioned rat model of Parkinson's disease: Co-transplantation of fetal ventral mesencephal IC cells with cultured Zukerkandl's organ	ICMR-ADHOC	Agrawal,A.K., Dr. (M) Scientist Incharge Indian Institute of Toxicology Research Lucknow - 226 001 Uttar Pradesh	10.87	36
3023	Managing the Indo-German (ICMR-HGF) Science Center for Infectious Diseases (IG-SCID)	ICMR-ADHOC	Kumar,M., Dr. (M) Scientist E Indian Council of Medical Research Division of Indo Foreign Cell New Delhi - 110 029 Delhi	17.77	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (in Months)
3024	Mechanisms for relations of domestic violence to poor maternal & infant health	ICMR-ADHOC	Balaiah,D., Dr. (M) Scientist F National Institute for Research in Reproductive Health Mumbai - 400 012 Maharashtra	11.51	24
3025	Mitochondrial variations & common founders for Friedreich's Ataxia in the Indian population	ICMR-ADHOC	Srivastava,A.K., Dr. (M) Associate Professor All India Institute of Medical Sciences Department of Neurology New Delhi - 110 029 Delhi	5.66	36
3026	Molecular & morpho-taxonomic studies on an <i>Philippinensis</i> - <i>Nivipes</i> Group (diptera: <i>Culicidae</i>) mosquitoes: Species distribution, vectorial status in different ecotypes of North East India	ICMR-ADHOC	Bhattacharyya,D.R., Dr. (M) Scientist C Regional Medical Research Centre Dibrugarh - 786 001 Assam	23.07	36
3027	Molecular characterization of lactic acid bacteria for probiotic formulation	ICMR-ADHOC	Deka,M., Dr. (M) Reader Gauhati University Department of Biotechnology Guwahati - 781 014 Assam	45.13	36
3028	Molecular characterization of <i>Shigella</i> Sonnei isolated from A & N Islands & its significance in the epidemiology of Shigellosis	ICMR-ADHOC	Roy,S., Dr. (F) Scientist C Regional Medical Research Centre Port Blair - 744 101 Andaman & Nicobar	20.22	36
3029	Molecular epidemiology of Measles in North East region of India	ICMR-ADHOC	Wairagkar,N.S., Dr. (M) Scientist E National Institute of Virology Pune - 411 001 Maharashtra	19.23	36
3030	Molecular epidemiology of Measles in North East region of India	ICMR-ADHOC	Mahanta,J., Dr. (M) Scientist G & Director Regional Medical Research Centre Dibrugarh - 786 001 Assam	34.23	36
3031	Molecular genetic characterization of <i>Salmonella</i> strains associated with seafoods with particular emphasis on virulence associated & environmental fitness genes	ICMR-ADHOC	Karunasagar,I., Dr. (M) Professor & Head College of Fisheries Karnataka Vet., Animal Fisheries Sc. Univ. Mangalore - 575 002 Karnataka	27.86	24
3032	Molecular genetic of Corneal Dystrophy - mutational screening of SLC4A11 & COL8A2 gene Fuch's Corneal Dystrophy (FCD) & linkage analysis in FCD affected families	ICMR-ADHOC	Kumaramanickavel,G., Dr. (M) Reader Vision Research Foundation Dept. of Genetics & Molecular Biology Chennai - 600 006 Tamil Nadu	18.38	36
3033	Molecular identification of potential drug targets in <i>M.Tuberculosis</i>	ICMR-ADHOC	Basu,J., Dr. (F) Reader Bose Institute Department of Chemistry, 93/1, A.P.C. Road Kolkata - 700 009 West Bengal	101.15	36
3034	Molecular pathology PF gliomas in human & in n-Ethyl n-Nitroso Urea (ENU) induced transplacental glioma in rat model	ICMR-ADHOC	Babu,P.P., Dr. (M) Associate Professor Hyderabad University School of Life Science Hyderabad - 500 046 Andhra Pradesh	7.28	24
3035	Molecular study on host pathogen interactions in the pathogenesis of enteroaggregative <i>E. Coli</i>	ICMR-ADHOC	Chakraborti,A., Dr. (F) Additional Professor P.G. Institute of Medical Education & Research Experimental Medicine & Biotechnology Chandigarh - 160 012 Chandigarh	33.47	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
3036	Molecular typing of Methicillin susceptible & resistant staphylococcus aureus in Kashmir, India	ICMR-ADHOC	Thokar, M.A., Dr. (M) Additional Professor Sher-I-Kashmir Institute of Medical Sciences Department of Microbiology, Soura Srinagar - 190 011 Jammu & Kashmir	31.51	36
3037	Morphological, Molecular & Immunological studies on paddy field dermatitis caused by Schistosoma spindale in paddy field workers of Assam	ICMR-ADHOC	Devi, K.R., Dr. (F) Scientist C Regional Medical Research Centre Dibrugarh - 786 001 Assam	28.66	24
3038	Neurological disorders Friedreich's Ataxia (FRDA) & Spinocerebellar Ataxia (SCA) associated with DNA trinucleotide repeats: Identification & development of protein biomarkers & circulating DNA for clinical diagnosis	ICMR-ADHOC	Rajeswari, M.R., Dr. (F) Additional Professor All India Institute of Medical Sciences Department of Biochemistry New Delhi - 110 029 Delhi	20.03	36
3039	Nutritional status of tribal children aged 6 to 8 years of Bankura, East & West of Midnapore & Purulia District	ICMR-ADHOC	Bose, K.S., Dr. (M) Reader Vidyasagar University Department of Anthropology Midnapore - 721 102 West Bengal	5.71	24
3040	Organochlorine residues in soil, water, whole blood & major local food products from low & high Malaria endemic areas of Assam	ICMR-ADHOC	Dua, V.K., Dr. (M) Malaria Research Centre Haridwar - 249 403 Uttarakhand	16.54	24
3041	Orocecal transit time, bacterial overgrowth & serum bile acid levels before & after surgery in patients with Gall Bladder Stones	ICMR-ADHOC	Rana, S., Dr. (F) Professor P.G. Institute of Medical Education & Research Department of Gastroenterology Chandigarh - 160 012 Chandigarh	9.79	36
3042	Overcoming Multidrug Resistance (MDR) in cancer through induction of reactive oxygen species mediated signaling pathway	ICMR-ADHOC	Choudhuri, S.K., Dr. (M) Sr. Scientific Officer II Chittaranjan National Cancer Research Centre Environmental Carcinogenesis & Toxicology Kolkata - 700 026 West Bengal	24.99	36
3043	Patterns of food allergen - specific cytokine production by T Lymphocyte subsets of Atopic children	ICMR-ADHOC	Chatterjee, B.P., Dr. (M) Indian Association for the Cultivation of Science Kolkata - 700 032 West Bengal	14.10	36
3044	Patterns of food allergen - specific cytokine production by T Lymphocyte subsets of Atopic children	ICMR-ADHOC	Singh, M., Dr. (F) Additional Professor P.G. Institute of Medical Education & Research Department of Paediatrics Chandigarh - 160 012 Chandigarh	8.50	36
3045	PHC facility survey of demographically weaker districts of India	ICMR-ADHOC	Yadav, R.J., Dr. (M) Scientist F National Institute of Medical Statistics New Delhi - 110 029 Delhi	14.38	24
3046	Phyllanthus Amarus - a novel source of Anti-Leishmanial drug	ICMR-ADHOC	Chattopadhyay, S., Dr. (F) Scientist Grade IV Indian Institute of Chemical Biology Div. of Drug Dev., Diagnostics & Biotech. Kolkata - 700 032 West Bengal	22.38	36
3047	Phytochemical & Pharmacological investigations of some plants with antidiabetic activity	ICMR-ADHOC	Tatke, P.A., Dr. (F) Senior Lecturer C.U. Shah College of Pharmacy Department of Pharmaceutical Chemistry Mumbai - 400 049 Maharashtra	13.07	36

BROAD SUBJECT AREA : MEDICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
3048	Polymorphisms in gene of the endothelin system in patients undergoing Coronary Artery bypass grafting surgery & having a concomitant diagnosis for Diabetes	ICMR-ADHOC	Gupta,A., Dr. (F) Assistant Professor All India Institute of Medical Sciences Department of Biotechnology New Delhi - 110 029 Delhi	33.01	36
3049	Prevalence & molecular diagnosis of human Pulmonary paragonimiasis on North Eastern region in India	ICMR-ADHOC	Narain,K., Dr. (M) Scientist D Regional Medical Research Centre Dibrugarh - 786 001 Assam	86.26	36
3050	Prevalence & molecular diagnosis of human Pulmonary paragonimiasis in North-Eastern region of India	ICMR-ADHOC	Bhattacharya,S., Dr. (M) C.H.C. Miao - 792 122 Arunachal Pradesh	10.73	36
3051	Prevalence & molecular diagnosis of human Pulmonary paragonimiasis in North-Eastern region of India	ICMR-ADHOC	Marak,M., Dr. (F) District Tuberculosis Officer Tuberculosis Research Centre Tura - 794 001 Meghalaya	10.73	36
3052	Prevalence & significance of Celiac disease in patients with type-1 Diabetes	ICMR-ADHOC	Goswami,R., Dr. (M) Associate Professor All India Institute of Medical Sciences Department of Endocrinology & Metabolism New Delhi - 110 029 Delhi	21.59	36
3053	Prevalence of connexin 26 (Gap Junction Protein Beta 2 GJB2) Gene mutations in patients with congenital sensorineural hearing loss & correlation with their audiological profile	ICMR-ADHOC	Danda,S., Dr. (F) Professor Christian Medical College & Hospital Department of Gastrointestinal Science Vellore - 632 004 Tamil Nadu	4.59	36
3054	Prevalence of HbE & Thalassemia in Malaria endemic zones of North-East India	ICMR-ADHOC	Sharma,S.K., Dr. (M) Scientist D Regional Medical Research Centre Dibrugarh - 786 001 Assam	31.51	36
3055	Prevalence of Neurocysticercosis (CNN) in Asymptomatic rural pig farming community from highly endemic area	ICMR-ADHOC	Prasad,K.N., Dr. (M) Professor Sanjay Gandhi P.G. Institute of Medical Sciences Department of Microbiology, Ultrathia Lucknow - 226 014 Uttar Pradesh	27.62	36
3056	Primary bipolar prosthetic replacement of the hip in the treatment of unstable intertrochanteric fractures in the elderly	ICMR-ADHOC	Bhatia,N., Dr. (M) Specialist Vardhman Mahavir Medical College & Safdarjung Hospital Central Institute of Orthopaedics New Delhi - 110 029 Delhi	17.92	36
3057	Prognostic relevance of loss of heterozygosity for chromosome 11p13, 11p15, 16q & 1p in Wilms' Tumor	ICMR-ADHOC	Kakkar,N., Dr. (F) Associate Professor P.G. Institute of Medical Education & Research Department of Histopathology Chandigarh - 160 012 Chandigarh	10.70	24
3058	Proteome profile of heat shock proteins in human Esophageal Cancer	ICMR-ADHOC	Mudasar,S., Dr. (M) Associate Professor Sher- I-Kashmir Institute of Medical Sciences Department of Clinical Biochemistry Srinagar - 190 011 Jammu & Kashmir	31.04	36
3059	Purification & characterization of sperm motility inhibiting protein factor from goat epidymal plasma & fertility management	ICMR-ADHOC	Dungdung,S.R., Mrs. (F) Scientist B Indian Institute of Chemical Biology Kolkata - 700 032 West Bengal	6.21	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
3060	Randomised trial of vitamin B12 in pregnant Indian women	ICMR-ADHOC	Muthayya, S., Dr. (F) Assistant Professor St. John's Academy of Health Sciences Division of Nutrition, Koramangala Bengaluru - 560 034 Karnataka	60.94	24
3061	Rapid identification of mycobacteria to the species level by PCR restriction analysis, in clinical samples	ICMR-ADHOC	Basil, M.V., Dr. (F) Lecturer Vallabhbhai Patel Chest Institute Department of Microbiology Delhi - 110 007 Delhi	6.33	12
3062	Role of ACE insertion deletion gene polymorphisms in the development of Ischaemic stroke & Acute Myocardial Infarction (AMI)	ICMR-ADHOC	Borah, P.K., Dr. (M) Scientist C Regional Medical Research Centre Dibrugarh - 786 001 Assam	27.25	36
3063	Role of heavy metal resistant lactobacillus strains in gastrointestinal toxicity	ICMR-ADHOC	Upreti, R.K., Dr. (M) Head Indian Institute of Toxicology Research Biomembrane Laboratory Lucknow - 226 001 Uttar Pradesh	14.09	36
3064	Role of oxidative stress in Organophosphate (dichlorvos) induced neurodegeneration & its protection by mitochondrial targeted MITO Q	ICMR-ADHOC	Gill, K.D., Dr. (M) Professor P.G. Institute of Medical Education & Research Department of Biochemistry Chandigarh - 160 012 Chandigarh	13.39	36
3065	Role of Penicillin - binding proteins & α -antigenes in the development of beta-lactam antibiotic resistance in gram negative bacteria	ICMR-ADHOC	Ghosh, A.S., Dr. (F) Assistant Professor Indian Institute of Technology (Kh) Department of Biotechnology Kharagpur - 721 302 West Bengal	12.53	36
3066	SDF-1 & DC-SIGNR polymorphisms & expression in HIV-1 infection	ICMR-ADHOC	Luthra, K., Dr. (F) Associate Professor All India Institute of Medical Sciences Department of Biochemistry New Delhi - 110 029 Delhi	18.18	36
3067	Seroprevalence of human hydatidosis in Kashmir Valley & identification of early diagnostic & prognostic markers by elisa & immunoblotting	ICMR-ADHOC	Malla, N., Dr. (F) Professor & Head P.G. Institute of Medical Education & Research Department of Parasitology Chandigarh - 160 012 Chandigarh	4.63	36
3068	Seroprevalence of human hydatidosis in Kashmir Valley & identification of early diagnostic & prognostic markers by elisa & immunoblotting	ICMR-ADHOC	Fomda, B.A., Dr. (M) Associate Professor Sher-i-Kashmir Institute of Medical Sciences Department of Microbiology, Soura Srinagar - 190 011 Jammu & Kashmir	16.44	36
3069	Socio-economic, demographic & genetic studies related to the incidence of Neural Tube Defects (NTDs)	ICMR-ADHOC	Deb, R., Dr. (F) Lecturer Amity Institute of Biotechnology Noida - 201 303 Uttar Pradesh	11.75	36
3070	Socio-economic, demographic & genetic studies related to the incidence of Neural Tube Defects (NTDs)	ICMR-ADHOC	Kalla, A.K., Dr. (M) Professor & Head Delhi University Department of Anthropology Delhi - 110 007 Delhi	9.41	36
3071	Status of hypothalamic Pituitary axis in patients with Meningitis & Meningoencephalitis	ICMR-ADHOC	Menon, B., Dr. (F) Associate Professor Sri Venkateswara Institute of Medical Sciences Department of Neurology Tirupati - 517 507 Andhra Pradesh	9.82	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
3072	Stem cell & Chemokine therapy for Haematological Neoplasms (Part I): A pilot study for ex-vivo expansion of human CD34+ cells manipulated with a mixture of Cytokines & Stromal cell derived factor 1	ICMR-ADHOC	Kode,J.A., Dr. (F) Assistant Professor Advanced Centre for Treatment Research & Education in Cancer Tata Memorial Hospital Navi Mumbai - 410 210 Maharashtra	17.86	36
3073	Studies on diadoxin & neurodegeneration	ICMR-ADHOC	Kurup,P.A., Dr. (M) Metabolic Disorders Research Centre Thiruvananthapuram - 695 014 Kerala	9.71	36
3074	Studies on FAS (CD95) & FAS Ligand (CD95L) gene polymorphisms & their association with tobacco related oral Carcinomas	ICMR-ADHOC	Das,S.N., Dr. (M) Additional Professor All India Institute of Medical Sciences Department of Biotechnology New Delhi - 110 029 Delhi	6.14	36
3075	Studies on fish borne trematode infection in North Eastern Region, India	ICMR-ADHOC	Verma,Y., Dr. (M) Head Sir Thutob Namgyal Memorial Hospital Department of Pathology Gangtok - 737 101 Sikkim	5.48	36
3076	Studies on fish borne trematode infection in North Eastern Region, India	ICMR-ADHOC	Mahanta,J., Dr. (M) Scientist G & Director Regional Medical Research Centre Dibrugarh - 786 001 Assam	104.04	36
3077	Studies on the molecular regulation of ES - cell differentiation to Cardiac Lineage	ICMR-ADHOC	Seshagiri,P.B., Dr. (M) Associate Professor Indian Institute of Science Molecular Repro. Development & Genetics Bengalooru - 560 012 Karnataka	24.35	24
3078	Studies to elucidate estrogen mediated mechanism for gametic imprint mark at Igf2-H19 locus in the male germ line	ICMR-ADHOC	Balasinor,N.H., Dr. (F) Scientist D National Institute for Research in Reproductive Health Mumbai - 400 012 Maharashtra	10.00	24
3079	Study of anticyclic citrullinated peptide antibodies in Rheumatoid Arthritis & other systemic Rheumatic disease & its correlation with HLA class II antigens & Rheumatoid factor by different methods & clinical features	ICMR-ADHOC	Usha, Dr. (F) Professor Banaras Hindu University Institute of Medical Sciences Varanasi - 221 005 Uttar Pradesh	7.50	36
3080	Study of functional variant of Klotho in ischemic stroke in the young	ICMR-ADHOC	Christopher,R., Dr. (F) Additional Professor National Institute of Mental Health & Neuro Sciences(NIMHANS) Department of Neurochemistry Bengalooru - 560 029 Karnataka	11.22	24
3081	Study of fungal opportunistic infection & their correlation with immunological status in HIV/AIDS patients in North India	ICMR-ADHOC	Kaur,R., Dr. (F) Serologist Maulana Azad Medical College & Associated Hospitals Department of Microbiology New Delhi - 110 002 Delhi	22.63	36
3082	Study of NKT cells in polarized immunity among Leprosy patients	ICMR-ADHOC	Joshi,B., Dr. (F) Scientist D National Jalm Institute for Leprosy & Other Microbacterial Diseases Mycobacterial Diseases Agra - 282 001 Uttar Pradesh	29.35	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (in Months)
3083	Study of NKT cells in polarized immunity among Leprosy patients	ICMR-ADHOC	Mitra,D.K., Dr. (M) Associate Professor All India Institute of Medical Sciences Transplant, Immunology & Immunogenetics New Delhi - 110 029 Delhi	43.60	36
3084	Study of the role of bone marrow derived mononuclear cells in peripheral nerve repair of adult rats	ICMR-ADHOC	Suri,V., Dr. (F) Assistant Professor All India Institute of Medical Sciences Department of Pathology New Delhi - 110 029 Delhi	17.52	36
3085	Study of Tissue equivalent Lithium compounds as TLD materials for radition dosimetry	ICMR-ADHOC	Wankhede,S., Dr. (F) Senior Lecturer K.D.K. College of Engineering Nagpur - 440 009 Maharashtra	12.41	24
3086	Study on antioxidative property of Kalmegh <i>Andrographis paniculata</i> on experimental Cataract	ICMR-ADHOC	Rawal,U.M., Dr. (M) Former Professor B.V. Patel Pharmaceutical Education & Research Development Centre School of Life Science Ahmedabad - 380 054 Gujarat	5.45	24
3087	Targeting mass media interventions for HIV, STD & pregnancy prevention in India	ICMR-ADHOC	Todankar,P.S., Dr. (F) Project Manager Population Services International Mumbai - 400 004 Maharashtra	8.92	12
3088	The study of envelope gene polymorphism & host cytokine response in JE patients	ICMR-ADHOC	Prabhakar,S., Dr. (M) Professor & Head P.G. Institute of Medical Education & Research Department of Neurology Chandigarh - 160 012 Chandigarh	29.26	36
3089	The study of mitochondrial dysfunction in genesis of programmed cell death cascade in patients with Amyotrophic Lateral Sclerosis	ICMR-ADHOC	Vivekanandhan,S., Dr. (M) Associate Professor All India Institute of Medical Sciences Neurosciences Centre New Delhi - 110 029 Delhi	12.13	36
3090	To evaluate the in vitro efficacy of PLGA - nanoparticles encapsutated with chemotherapeutic drugs to induce apoptosis in Y79 retinoblastoma cell line	ICMR-ADHOC	Sahoo,S.K., Dr. (M) Lecturer Institute of Life Sciences Bhubaneswar - 751 023 Orissa	19.30	36
3091	To study the diagnostic value of quantiferon gold test in detecting latent Tubercular infection in end stage renal disease patients on renal replacement therapy	ICMR-ADHOC	Agarwal,S.K., Dr. (M) Additional Professor All India Institute of Medical Sciences Department of Nephrology New Delhi - 110 029 Delhi	9.87	36
3092	To study the effect of Colchicine treatment on cartilage & bone turnover markers in patients with Osteoarthritis of knee	ICMR-ADHOC	Das,S.K., Dr. (M) Professor Chhatrapati Sahuji Maharaj Medical University Department of Rheumatology Lucknow - 226 003 Uttar Pradesh	27.94	24
3093	To study the profile of Musculoskeletal pain in tea garden workers in North East India	ICMR-ADHOC	Bhattacharayya,T., Dr. (M) Gauhati Medical College & Hospital Guwahati - 781 032 Assam	24.61	36
3094	To study the profile of Musculoskeletal pain in tea garden workers in North East India	ICMR-ADHOC	Mittal,K., Mrs. (F) Sr. Physiotherapist All India Institute of Medical Sciences Department of Orthopaedics New Delhi - 110 029 Delhi	10.92	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
3095	To study the role of Cyclooxygenase -2 in the pathogenesis of Cirrhosis & Hepatocellular Carcinoma	ICMR-ADHOC	Sakhuja, P., Dr. (F) Associate Professor G.B. Pant Hospital Department of Pathology New Delhi - 110 002 Delhi	14.71	36
3096	Tobacco related diseases in Tribal population in Kundam block Jabalpur district	ICMR-ADHOC	Kumar, S., Dr. (M) Scientist C Regional Medical Research Centre for Tribals Jabalpur - 482 003 Madhya Pradesh	1.37	24
3097	Upgrading the skills in diagnostic molecular biology in medical college in & around Bangalore - Phase - 1	ICMR-ADHOC	Bharathi, K., Dr. (F) Professor & Head Bangalore Medical College & Victoria Hospital Department of Microbiology Bangalore - 560 002 Karnataka	15.01	36
3098	Upgrading the skills in diagnostic molecular biology in medical college in & around Bangalore - Phase - I	ICMR-ADHOC	Kumar, R., Dr. (M) Head Kempagowda Institute of Medical Sciences Dept. of Microbiology, Visveswarapuram Bangalore - 560 004 Karnataka	15.01	36
3099	Upgrading the skills in diagnostic molecular biology in medical college in & around Bangalore - Phase - I	ICMR-ADHOC	Belwadi, M.R.S., Dr. (F) Professor M.S. Ramaiah Medical College & Teaching Hospital Department of Microbiology Bangalore - 560 054 Karnataka	15.18	36
3100	Upgrading the skills in diagnostic molecular biology in medical college in & around Bangalore - Phase - I	ICMR-ADHOC	Macaden, R., Dr. (F) Professor & Head St. John's Medical College & Hospitals Department of Microbiology, Koramangla Bangalore - 560 034 Karnataka	15.01	36
3101	Upgrading the skills in diagnostic molecular biology in medical college in & around Bangalore - Phase-I- co-ordinating centre	ICMR-ADHOC	Raghunath, D., Dr. (M) Lt. Gen. Principal Executive Sir Dorabji Tata Centre for Research in Tropical Diseases Innovation Centre Bangalore - 560 012 Karnataka	22.51	36
3102	Urban-rural differences in risk factors & cardio-vascular disease: The pure (prospective urban rural epidemiology) India study	ICMR-ADHOC	Vaz, M., Dr. (M) Professor St. John's Academy of Health Sciences Department of Physiology Bangalore - 560 034 Karnataka	12.34	12
3103	ICMR advanced center for research & training in evidence based health care	ICMR-CAR	Tharyan, P.V., Dr. (M) Professor Christian Medical College & Hospital Dept. of Psychiatry & Psychological Medicine Vellore - 632 004 Tamil Nadu	108.97	60
3104	A study of cross - talk between transforming growth factor beta & proteasome in cancer	ICMR-TF	Bhattacharyya, A., Dr. (M) Lecturer Kalyani University Environmental Science Kalyani - 741 235 West Bengal	17.21	36
3105	Adrenergic & muscarinic receptors gene expression in the streptozotocin induced diabetic rats: Role of stress on insulin secretion as a function of age	ICMR-TF	Paulose, C.S., Dr. (M) Head Cochin University of Science & Technology Department of Biotechnology Kochi - 682 022 Kerala	37.36	36
3106	Age-related alterations in presynaptic functions & changes in the expressions of cytokines & presynaptic protein genes in rat brain: Modulatory effect of antioxidant in rich dietary regimens	ICMR-TF	Chakrabarti, S., Dr. (M) Professor & Head Institute of P.G. Medical Education & Research & S.S.K.M. Hospital Department of Biochemistry Kolkata - 700 020 West Bengal	28.20	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
3107	Analysis of host immuno - determinants involved in the pathogenesis of Indian cutaneous leishmaniasis exploiting CDNA microarray	ICMR-TF	Salotra,P., Dr. (F) Scientist E Institute of Pathology New Delhi - 110 029 Delhi	33.83	36
3108	Biomedical Informatics Centre of ICMR	ICMR-TF	Das,P., Dr. (M) Scientist G & Director Rajendra Memorial Research Institute of Medical Sciences Patna - 800 007 Bihar	58.11	36
3109	Biomedical Informatics Centre of ICMR	ICMR-TF	Sesikeran,B., Dr. (M) Scientist G & Director National Institute of Nutrition Hyderabad - 500 007 Andhra Pradesh	58.11	36
3110	Cloning of novel & rare chromosomal translocations in Acute Myeloid & Lymphoblastic Leukemia (AML & ALL)	ICMR-TF	Bakshi,S.R., Dr. (F) Junior Scientific Officer Gujarat Cancer & Research Institute Cell Biology Division Ahmedabad - 380 016 Gujarat	12.56	24
3111	Determinants of the functional status of the older Indian - coordinating centre	ICMR-TF	Dey,A.B., Dr. (M) Professor All India Institute of Medical Sciences Department of Medicine New Delhi - 110 029 Delhi	5.68	12
3112	Development of a model for strengthening of existing health system to address non-communicable diseases in India	ICMR-TF	Krishnan,A., Dr. (M) Associate Professor All India Institute of Medical Sciences Department of Community Medicine New Delhi - 110 029 Delhi	25.07	24
3113	Effect of probiotic VSL#3 on prevention of Sepsis in LBW infants during 0-2 month period: A randomised controlled trial	ICMR-TF	Prasad,M.S., Dr. (M) Consultant & Head Vardhman Mahavir Medical College & Safdarjung Hospital Department of Paediatrics New Delhi - 110 029 Delhi	17.82	24
3114	Effect of probiotic VSL#3 on prevention of Sepsis in LBW infants during 0-2 month period: A randomised controlled trial	ICMR-TF	Garg,B.S., Dr. (M) Director, Professor & Head Mahatma Gandhi Institute of Medical Sciences Department of Community Medicine Sevagram - 442 102 Maharashtra	17.28	24
3115	Epidemiology of musculoskeletal conditions in India	ICMR-TF	Incharge,Officer, Mr. (M) Desert Medicine Research Centre Jodhpur - 342 005 Rajasthan	33.59	24
3116	Epidemiology of musculoskeletal conditions in India	ICMR-TF	Sharma,R., Dr. (M) Vardhman Mahavir Medical College & Safdarjung Hospital Dept. of Physical Medicine & Rehabilitation New Delhi - 110 029 Delhi	35.31	24
3117	Epidemiology of musculoskeletal conditions in India - Coordinating unit	ICMR-TF	Sharma,R., Dr. (M) Vardhman Mahavir Medical College & Safdarjung Hospital Dept. of Physical, Medicine & Rehabilitation New Delhi - 110 029 Delhi	9.49	24
3118	Estimation of oxidative stress during oral iron supplementation in daily vs weekly schedule among anaemic pregnant mothers	ICMR-TF	Muthuswamy,V., Dr. (F) Scientist G & Head Indian Council of Medical Research Division of Basic Medical Sciences New Delhi - 110 029 Delhi	1.69	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
3119	Estimation of oxidative stress during oral iron supplementation in daily vs weekly schedule among anaemic pregnant mothers	ICMR-TF	Maulik, S.K., Dr. (M) Additional Professor All India Institute of Medical Sciences Department of Pharmacology New Delhi - 110 029 Delhi	16.27	36
3120	Estimation of oxidative stress during oral iron supplementation in daily vs weekly schedule among anaemic pregnant mothers	ICMR-TF	Mittal, S., Dr. (F) Professor & Head All India Institute of Medical Sciences Dept. of Obstetrics & Gynaecology New Delhi - 110 029 Delhi	3.45	36
3121	Estimation of oxidative stress during oral iron supplementation in daily vs weekly schedule among anaemic pregnant mothers	ICMR-TF	Dhalwal, L.K., Dr. (F) Professor & Head P.G. Institute of Medical Education & Research Dept. of Obstetrics & Gynaecology Chandigarh - 160 012 Chandigarh	3.45	36
3122	Focal cerebral ischemia & therapeutic options using umbilical cord blood stem cells in aging rats	ICMR-TF	Babu, P.P., Dr. (M) Associate Professor Hyderabad University School of Life Science Hyderabad - 500 046 Andhra Pradesh	27.83	36
3123	Genetic basis of resistance to diabetes in the Raika community of Rajasthan	ICMR-TF	Bharadwaj, D., Dr. (M) Institute of Genomics & Integrative Biology Delhi - 110 007 Delhi	32.60	36
3124	Health problems & care & support available to elderly during sickness in rural Tamil Nadu	ICMR-TF	Gunasekaran, S., Dr. (M) Reader Gandhigram Rural Institute Department of Applied Research Gandhigram - 624 302 Tamil Nadu	7.08	24
3125	Health profile of population of Nellore (A.P), dhar (M.P) & Bharatpur (Rajasthan) districts & their capacity building for better health care delivery - Central Lab	ICMR-TF	Toteja, G.S., Dr. (M) All India Institute of Medical Sciences New Delhi - 110 029 Delhi	14.31	15
3126	Health profile of population of Nellore (A.P), dhar (M.P) & Bharatpur (Rajasthan) districts & their capacity building for better health care delivery	ICMR-TF	Sai, T.S.R., Dr. (M) Professor & Head S.V. Medical College Department of Community Medicine Tirupati - 517 507 Andhra Pradesh	16.40	12
3127	Health profile of population of Nellore (A.P), dhar (M.P) & Bharatpur (Rajasthan) districts & their capacity building for better health care delivery	ICMR-TF	Vivekanandhan, S., Dr. (M) Associate Professor All India Institute of Medical Sciences Neurosciences Centre New Delhi - 110 029 Delhi	18.41	15
3128	Health profile of population of Nellore (A.P), dhar (M.P) & Bharatpur (Rajasthan) districts & their capacity building for better health care delivery - Central Co-ordinating Unit	ICMR-TF	Toteja, G.S., Dr. (M) Scientist F Indian Council of Medical Research Division of Reproductive Health & Nutrition New Delhi - 110 029 Delhi	5.45	18
3129	Jai Vigyan Mission project on RF/RHD satellite centre	ICMR-TF	Karmarkar, M.G., Dr. (M) Associate Professor Seth G.S. Medical College & K.E.M. Municipal Hospital Mumbai - 400 012 Maharashtra	26.97	24
3130	Jai Vigyan Mission project on RF/RHD satellite centre - under Nodal Coordinating Registry Vellore	ICMR-TF	Mahanta, J., Dr. (M) Scientist G & Director Regional Medical Research Centre Dibrugarh - 786 001 Assam	32.93	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
3131	Jai Vigyan Mission project on RF/RHD satellite centre - Nodal Coordinating Unit	ICMR-TF	Kumar,R., Dr. (M) Professor & Head P.G. Institute of Medical Education & Research Department of Community Medicine Chandigarh - 160 012 Chandigarh	21.51	24
3132	Jai Vigyan Mission project on RF/RHD satellite centre, Nodal Coordinating Unit	ICMR-TF	Abraham,V.J., Dr. (M) Christian Medical College & Hospital Department of Community Health Vellore - 632 004 Tamil Nadu	19.24	24
3133	Low dose magnesium sulphate regimen for management of Eclampsia -A randomized controlled trial	ICMR-TF	Kodkany,B.S., Dr. (M) Professor Jawaharlal Nehru Medical College Department of Obstetrics & Gynaecology Belgaum - 590 010 Karnataka	0.19	36
3134	Low dose magnesium sulphate regimen for management of Eclampsia -A randomized controlled trial	ICMR-TF	Lakshmy,R., Dr. (F) Associate Professor All India Institute of Medical Sciences Department of Cardiac Biochemistry New Delhi - 110 029 Delhi	3.50	36
3135	Low dose magnesium sulphate regimen for management of Eclampsia -A randomized controlled trial	ICMR-TF	Madhini,V., Dr. (F) Director Institute of Obstetrics & Gynaecology & Government Hospital for Women & Children Chennai - 600 008 Tamil Nadu	0.19	36
3136	Low dose magnesium sulphate regimen for management of Eclampsia -A randomized controlled trial	ICMR-TF	Shenoy,S.T., Dr. (F) Professor & Head Medical College & S.A.T. Hospital for Women & Children Department of Obstetrics & Gynaecology Thiruvananthapuram - 695 011 Kerala	0.19	36
3137	Low dose magnesium sulphate regimen for management of Eclampsia -A randomized controlled trial	ICMR-TF	Sharma,S., Dr. (F) Professor & Head Patna Medical College & Hospital Department of Obstetrics & Gynaecology Patna - 800 004 Bihar	0.19	36
3138	Low dose magnesium sulphate regimen for management of Eclampsia -A randomized controlled trial	ICMR-TF	Mukherjee,J., Dr. (M) Professor & Head R.G. Kar Medical College & Hospital Department of Obstetrics & Gynaecology Kolkata - 700 004 West Bengal	0.19	36
3139	Low dose magnesium sulphate regimen for management of Eclampsia -A randomized controlled trial	ICMR-TF	Salhan,S., Dr. (F) Consultant & H.O.D. Vardhman Mahavir Medical College & Safdarjung Hospital Department of Obstetrics & Gynaecology New Delhi - 110 029 Delhi	0.19	36
3140	Low dose magnesium sulphate regimen for management of Eclampsia -A randomized controlled trial	ICMR-TF	Dhaliwal,L.K., Dr. (F) Professor & Head P.G. Institute of Medical Education & Research Department of Obstetrics & Gynaecology Chandigarh - 160 012 Chandigarh	0.19	36
3141	Low dose magnesium sulphate regimen for management of Eclampsia -A randomized controlled trial	ICMR-TF	Das,V., Dr. (F) Professor & Head Chhatrapati Sahuji Maharaj Medical University Department of Obstetrics & Gynaecology Lucknow - 226 003 Uttar Pradesh	0.19	36
3142	Low dose magnesium sulphate regimen for management of Eclampsia -A randomized controlled trial	ICMR-TF	Saini,H.B., Dr. (M) Professor & Head Sir Sayajirao Gaikwad Medical College & Hospital Department of Obstetrics & Gynaecology Vadodra - 390 001 Gujarat	0.19	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
3143	Low dose magnesium sulphate regimen for management of Eclampsia -A randomized controlled trial	ICMR-TF	Rajarajeshwari,S., Dr. (F) Professor Madurai Medical College & Government Rajaji Hospital Department of Obstetrics & Gynaecology Madurai - 625 020 Tamil Nadu	0.19	36
3144	Mental health needs assessment & service delivery models in Tsunami affected population of coastal Tamil Nadu	ICMR-TF	Venkatesan,J., Dr. (M) Professor Thanjavur Medical College & Hospital Department of Psychiatry Thanjavur - 613 004 Tamil Nadu	15.16	36
3145	Mental health needs assessment & service delivery models in Tsunami affected population of coastal Tamil Nadu	ICMR-TF	Desai,N.G., Dr. (M) Professor & Head Institute of Human Behaviour & Allied Sciences Department of Psychiatry Delhi - 110 095 Delhi	10.75	36
3146	Mental health needs assessment & service delivery models in Tsunami affected population of coastal Tamil Nadu	ICMR-TF	Nambi,S., Dr. (M) Assistant Professor Institute of Mental Health Department of Psychiatry, Kilpauk Chennai - 600 010 Tamil Nadu	37.10	36
3147	Molecular basis of age-related decline in learning & memory	ICMR-TF	Kanungo,M.S., Dr. (M) Professor Banaras Hindu University Biochemistry & Molecular Biology Labartory Varanasi - 221 005 Uttar Pradesh	14.93	36
3148	Nanoparticles of flavone derivatives for brain targeting: A possible remedy for Alzheimer's disease	ICMR-TF	Dhawan,P.S., Dr. (F) Lecturer University Institute of Pharmaceutical Sciences Chandigarh - 160 014 Chandigarh	6.30	36
3149	Neem leaf preparation as an exogenous IL-12 inducing factor for dendritic cells & ITS relevance in IL-12 mediated cancer immunotherapy	ICMR-TF	Baral,R.N., Dr. (M) Chittaranjan National Cancer Research Centre Immunoregulation & Immunodiagnosics Kolkata - 700 026 West Bengal	34.57	36
3150	Neuro-immune interactions during aging & immunodeficiency	ICMR-TF	Kondapi,A.K., Dr. (M) Reader School of Life Sciences Department of Biochemistry, Gachibowli Hyderabad - 500 046 Andhra Pradesh	29.67	36
3151	Newborn screening for congenital hypothyroidism & congenital adrenal hyperplasia - A multicentric study	ICMR-TF	Suresh,S., Dr. (M) Managing Trustee Fetal Care Research Foundation Chennai - 600 004 Tamil Nadu	47.48	36
3152	Peripheral blood & mucosal HIV - specific T helper, cytotoxic T- cell, chemokine & cytokine responses among uninfected heterosexual partners of HIV infected individuals	ICMR-TF	Wanchu,A., Dr. (M) Additional Professor P.G. Institute of Medical Education & Research Department of Internal Medicine Chandigarh - 160 012 Chandigarh	18.20	24
3153	Phase-III clinical trial with an intravasal injectable male contraceptive - RISUG	ICMR-TF	Lohiya,N.K., Dr. (M) Professor Rajasthan University Centre for Advanced Studies Jaipur - 302 004 Rajasthan	18.58	36
3154	Phase-III clinical trial with an intravasal injectable male contraceptive - RISUG	ICMR-TF	Shah,B.S., Dr. (M) Professor Dayanand Medical College & Hospital Department of Pathology Ludhiana - 141 001 Punjab	18.58	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
3155	Phase-III clinical trial with an intravasal injectable male contraceptive - RISUG	ICMR-TF	Das,H.C., Dr. (M) Chief Medical Officer Lok Nayak Jaiprakash Narayan Hospital Male Family Planning Unit New Delhi - 110 002 Delhi	18.58	36
3156	Phase-III clinical trial with an intravasal injectable male contraceptive - RISUG	ICMR-TF	Sharma,K.C., Dr. (M) District Hospital Department of Surgery Udhampur - 182 101 Jammu & Kashmir	18.58	36
3157	Prevalence of infertility in India	ICMR-TF	Rozati,R., Dr. (F) Head Bhagvan Mahavir Hospital Medical Research Centre Hyderabad - 500 004 Andhra Pradesh	6.04	24
3158	Prevalence of infertility in India	ICMR-TF	Pandey,K., Dr. (F) Professor & Head G.S.V.M. Medical College Dept. of Obstetrics & Gynaecology Kanpur - 208 002 Uttar Pradesh	2.70	24
3159	Prevalence of infertility in India	ICMR-TF	Mahasani,V.S., Dr. (F) Professor S.P. Medical College & Associated Group of Hospitals Dept. of Obstetrics & Gynaecology Bikaner - 334 003 Rajasthan	2.70	24
3160	Prevalence of infertility in India	ICMR-TF	Neurencar,P., Dr. (M) Professor Goa Medical College Dept. of Obstetrics & Gynaecology Panaji - 403 202 Goa	2.70	24
3161	Prevalence of infertility in India	ICMR-TF	Sharma,S., Dr. (F) Professor & Head Government Medical College & S.M.G.S.Hospital Dept. of Obstetrics & Gynaecology Jammu - 180 001 Jammu & Kashmir	2.70	24
3162	Prevalence of infertility in India	ICMR-TF	Mondal,A.K., Dr. (M) Officer Incharge HRRC R.G. Kar Medical College & Hospital Kolkata - 700 004 West Bengal	2.70	36
3163	Prevalence of infertility in India	ICMR-TF	Madhni,V., Dr. (F) Director Institute of Obstetrics & Gynaecology & Government Hospital for Women & Children Chennai - 600 008 Tamil Nadu	2.70	24
3164	Prevalence of infertility in India	ICMR-TF	Das,M.C., Dr. (M) Professor & Head Gauhati Medical College & Hospital Dept. of Obstetrics & Gynaecology Guwahati - 781 032 Assam	2.70	24
3165	Prevalence of infertility in India	ICMR-TF	Salvi,V., Dr. (F) Professor & Head Seth G.S. Medical College & K.E.M. Municipal Hospital Department of Obstetrics & Gynaecology Mumbai - 400 012 Maharashtra	2.70	24
3166	Prevalence of infertility in India	ICMR-TF	Shenoy,S.T., Dr. (F) Professor & Head Medical College & S.A.T. Hospital for Women & Children Dept. of Obstetrics & Gynaecology Thiruvananthapuram - 695 011 Kerala	2.70	24

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
3167	Prevalence of infertility in India	ICMR-TF	Singh, N., Dr. (F) National Institute of Malaria Research Jabalpur - 482 003 Madhya Pradesh	6.04	24
3168	Prevalence of infertility in India	ICMR-TF	Meherji, P.K., Dr. (M) Former Scientist F National Institute for Research in Reproductive Health Department of Endocrinology & Infertility Mumbai - 400 012 Maharashtra	6.04	24
3169	Prevalence of infertility in India	ICMR-TF	Mallick, J.J.K., Dr. (M) Professor & Head S.C.B. Medical College Dept. of Obstetrics & Gynaecology Cuttack - 753 007 Orissa	2.70	24
3170	Registry of people with diabetes India with young age at the onset	ICMR-TF	Mahanta, J., Dr. (M) Scientist G & Director Regional Medical Research Centre Dibrugarh - 786 001 Assam	27.45	60
3171	Rural based research on human genetic disorders & birth defects	ICMR-TF	Deo, M.G., Dr. (M) Vice President Moving Academy of Medicine & Biomedicine Pune - 411 004 Maharashtra	28.97	24
3172	Selenoproteins & antioxidants in pathogenesis of Alzheimer's disease	ICMR-TF	Rani, P., Dr. (F) Assistant Professor P.S.G. College of Technology Department of Biotechnology Coimbatore - 641 004 Tamil Nadu	8.66	36
3173	Toll like receptors & anti-tumor immunity: Role of Gama Delta T Lymphocytes	ICMR-TF	Chiplunkar, S.V., Dr. (M) Head Advanced Centre for Treatment Research & Education in Cancer Cellular Immunology Lab Navi Mumbai - 410 210 Maharashtra	40.80	36
3174	Validation laboratory for nutritional assessment of North-East & other inaccessible population	ICMR-TF	Toteja, G.S., Dr. (M) Scientist F Indian Council of Medical Research Division of Reproductive Health & Nutrition New Delhi - 110 029 Delhi	239.75	60
3175	Validation of sandfly distribution & Kala-Azar disease prevalence through Remote Sensing & GIS in endemic & non endemic FOCI of Kala-Azar to reaffirm the earlier outcome & its applicability for the entire Kala-Azar endemic region	ICMR-TF	Kesari, S., Dr. (M) Scientist B Rajendra Memorial Research Institute of Medical Sciences Division of Vector Biology & Control Patna - 800 007 Bihar	27.21	36
3176	A process development for ameliorating alarming environmental & health hazards posed by Phthalates in plastics via chemical, biochemical & bioremediation approaches	MOEF-ERP	Benjamin, S., Dr. (M) Calicut University Kozhikode - 673 635 Kerala	23.49	36
3177	Studies on the reproductive health of different population groups in & around Jagirad Paper Mill & Bongaigaon Refinery & Petrochemical Ltd in Assam	MOEF-ERP	Kalita, J.C., Dr. (M) Gauhati University Guwahati - 781 014 Assam	8.03	36
3178	Acetyl Cholinesterase (Ache) inhibitors from Indian spices	UGC-MJRP	Mukherjee, P.K., Dr. (M) Jadavpur University Department of Pharmacy Kolkata - 700 032 West Bengal	6.75	36

BROAD SUBJECT AREA : MEDICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
3179	An Epidemiological study on Cataract in rural Delhi	UGC-MJRP	Dadeya,S.C., Dr. (M) Maulana Azad Medical College & Associated Hospitals Guru Nank Eye Centre New Delhi - 110 002 Delhi	10.87	36
3180	Bone mineral homeostasis & bone mineral density in vitamin D sufficient & deficient patients with hyperthyroidism	UGC-MJRP	Dhanwal,D.K., Dr. (M) Maulana Azad Medical College & Associated Hospitals Department of Medicine New Delhi - 110 002 Delhi	10.92	36
3181	Development of heterofused Thiophenes as possible anti Asthmatic agents	UGC-MJRP	Rao,A.R., Prof. (M) Kakatiya University Department of Pharmaceutical Science Warangal - 506 007 Andhra Pradesh	5.72	36
3182	Evaluation of Gymnema Sylvestre extract (gurmar) for antioesity activity in normal & diabetic albino rats	UGC-MJRP	Bhandari,U., Dr. (F) Jamia Hamdard Dept. of Pharmacology (Pharmacy) New Delhi - 110 062 Delhi	10.77	36
3183	Formulation development & pharmacotechnical evaluation of controlled release transdermal drug delivery system of a selected new antiemetic drug	UGC-MJRP	Latha,S., Dr. (F) Bharathidasan University Department of Pharmacy Tiruchirappalli - 620 024 Tamil Nadu	5.86	36
3184	Matrix metalloproteinases in risk prediction of coronary heart disease	UGC-MJRP	Rani,H.S., Dr. (F) Osmania University Department of Genetic Hyderabad - 500 007 Andhra Pradesh	8.77	36
3185	Synthesis of Montelukast intermediate & its analogs by Heck reaction	UGC-MJRP	Degani,M.S., Dr. (F) Mumbai University Department of Pharmacy Mumbai - 400 019 Maharashtra	9.93	36
3186	To study the noise levels at public places in Delhi NCR & their impact on hearing	UGC-MJRP	Raj,A., Dr. (M) Maulana Azad Medical College & Associated Hospitals Department of Medicine New Delhi - 110 002 Delhi	7.57	36
3187	Computer aided virtual Screening, synthesis & Evaluation of Benzimidazole Derivatives as Psychopharmacological Agents	UGC-MNRP	Bansal,Y., Dr. (F) Punjabi University Dept. of Pharmaceutical Sciences Patiala - 147 002 Punjab	0.70	24
3188	Development of educational software Antioxidant for sustainable health	UGC-MNRP	Mane,A.G., Dr. (F) Sant Gadge Baba Amravati University Dept. of Home Science & Extension Amravati - 444 602 Maharashtra	0.75	24
3189	Formulation, development & evaluation of Antiviral Drugs	UGC-MNRP	Gupta,R.N., Dr. (M) Birla Institute of Technology Department of Pharmacy Ranchi - 835 215 Jharkhand	0.90	24

BROAD SUBJECT AREA : MEDICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
3190	Pharmacognostical & phytochemical investigation on some Antimalarial Herbal Drugs of North East India	UGC-MNRP	Zaman,M.K., Mr. (M) Dibrugarh University Department of Pharmacy Dibrugarh - 786 004 Assam	0.90	24
3191	Study of hematological parameters & characterization of hemoglobin in smokers	UGC-MNRP	Halder,R., Dr. (M) Vidyasagar University Department of Physiology Midnapore - 721 102 West Bengal	0.98	24
Total Cost of 594 Projects Under: <i>Medical Sciences</i>				25,830.54	

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
3192	Advance study of microstrip antennas for wireless communication	AICTE-RP	Bhardwaj,V., Mr. (M) Engineering College Department of Physics Ajmer - 305 002 Rajasthan	6.65	24
3193	Development of biosensors using conducting polymers	AICTE-RP	Bambole,V., Ms. (F) University Institute of Chemical Technology Department of Physics Mumbai - 400 019 Maharashtra	15.00	24
3194	Development of nanostructured carbonitride coatings for nano-tribological applications	AICTE-RP	Barhai,P.K., Mr. (M) Birla Institute of Technology Department of Applied Physics, Mesra Ranchi - 835 215 Jharkhand	5.75	24
3195	Fabrication of high efficiency CuInxGa1-xSe2 solar cells	AICTE-RP	Muthukumarasamy,N., Mr. (M) Coimbatore Institute of Technology Department of Physics, Avinashi Road Coimbatore - 641 014 Tamil Nadu	6.70	24
3196	Study of nano layered tunable optical filter with enhanced application	AICTE-RP	Srivastava,S.K., Mr. (M) Madhav Institute of Technology & Science Department of Applied Physics Gwalior - 474 005 Madhya Pradesh	7.24	24
3197	Synthesis of characterization of nanocrystalline ferroelectric materials by mechanical activation process	AICTE-RP	Jha,A.K., Mr. (M) Delhi College of Engineering Department of Applied Physics Delhi - 110 042 Delhi	11.50	24
3198	A study of transport & thermodynamical properties of hard - chain fluids	CSIR-ES	Khanna,K.N., Dr. (M) V.S.S.D. College Department of Physics Kanpur - 208 001 Uttar Pradesh	14.46	36
3199	Ab initio study of dimer & trimer of cysteine & methionine	CSIR-ES	Rai,D.K., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	14.46	36
3200	Design of low cost environmental noise barriers for application in traffic /community/ environmental noise pollution control	CSIR-ES	Mohan,V., Dr. (M) National Physical Laboratory New Delhi - 110 075 Delhi	14.46	36
3201	Investigations in theoretical physics	CSIR-ES	Menon,V.J., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	14.16	36
3202	Nuclear structure at high angular momentum in I A - 100 - 130 nuclei	CSIR-ES	Singh,N., Dr. (M) Panjab University Department of Physics Chandigarh - 160 014 Chandigarh	14.46	36
3203	Profiling of natural products using mass spectrometry	CSIR-ES	Madhusudan,K.P., Dr. (M) National Institute of Interdisciplinary Science & Technology Thiruvananthapuram - 695 019 Kerala	14.46	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
3204	Synthesis of nanomaterials using processing plasmas	CSIR-ES	Bhoraskar, S.V., Dr. (F) Pune University Department of Physics Pune - 411 007 Maharashtra	13.86	36
3205	Theoretical investigation on magnetic properties of disordered magnetic materials (b) writing of monograph on Bio - Medical Physics	CSIR-ES	Ghatak, S.K., Dr. (M) Indian Institute of Technology (Kh) Centre for Theoretical Science Kharagpur - 721 302 West Bengal	8.25	36
3206	Tuning of the electrical & magnetic properties of some ferromagnetic semiconductors by doping & swift heavy ion irradiation	CSIR-ES	Srivastava, J.P., Dr. (M) Aligarh Muslim University Department of Applied Physics Aligarh - 202 002 Uttar Pradesh	14.46	36
3207	Development of nanocomposite polymer solid electrolytes using solid super acid fillers for lithium based rechargeable thin film micro batteries	CSIR-GS	Satyanarayana, N., Dr. (M) Pondicherry University Department of Physics Puducherry - 605 014 Puducherry	16.26	36
3208	Environmental monitoring system based on semiconductor oxide sensors	CSIR-GS	Chaudhari, G.N., Dr. (M) Shri Shivaji Science College P.G. Department of Chemistry Amravati - 444 603 Maharashtra	6.15	36
3209	Heavy flavour Physics & CP violation	CSIR-GS	Giri, A.K., Dr. (M) Punjabi University Department of Physics Patiala - 147 002 Punjab	10.60	36
3210	Investigation on the crystallization polymorphism habit modification solution mediated phase Transformation & optical properties of the Amino Acid Acid	CSIR-GS	Srinivasan, K., Dr. (M) Alagappa University Department of Physics Karaikudi - 630 003 Tamil Nadu	12.76	36
3211	Investigation on the effects of compositional modifications on structure & properties of BiFe O ₃ thin films for device applications	CSIR-GS	Garg, A., Dr. (M) Indian Institute of Technology (K) Dept. of Material & Metallurgical Engg. Kanpur - 208 016 Uttar Pradesh	15.61	36
3212	Large scale production of nanowires & the field emission properties	CSIR-GS	Nanda, K.K., Dr. (M) Indian Institute of Science Materials Research Centre Bengaluru - 560 012 Karnataka	10.50	36
3213	Laser Raman spectroscopy studies of liquid crystal monomers & dimers	CSIR-GS	Alapati, P.R., Dr. (M) North Eastern Regional Institute of Science & Technology Department of Physics Nirjoui - 791 109 Arunachal Pradesh	10.06	36
3214	Low temperature investigation of magnetic heulser alloys	CSIR-GS	Majumdar, S., Dr. (M) Indian Association for the Cultivation of Science Department of Solid State Physics Kolkata - 700 032 West Bengal	9.50	36
3215	Methanol detection in alcoholic drinks using sensors based on mesoscopic semiconductor thin films	CSIR-GS	Das, J., Dr. (F) Jadavpur University Department of Physics Kolkata - 700 032 West Bengal	14.76	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
3216	Novel Si - based nano electronic devices in confined Geometry	CSIR-GS	Chandra,A., Dr. (F) Delhi University Department of Physics & Astrophysics Delhi - 110 007 Delhi	12.56	36
3217	Physics of the pseudogap phase: Possible routes - A BCS - BEC crossover & a kinetic energy driven pairing Scenario	CSIR-GS	Basu,S., Dr. (M) Indian Institute of Technology (G) Department of Physics Guwahati - 781 039 Assam	9.01	36
3218	Preparation & characterization of gallium free ferromagnetic shape memory alloys	CSIR-GS	Priolkar,K.R.S., Dr. (M) Goa University Department of Physics Taleigo Plateau - 403 206 Goa	12.36	36
3219	Search for novel photocathode materials for Vacuum Ultraviolet (VUV) gaseous photon detectors	CSIR-GS	Singh,B.K., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	11.61	36
3220	Search for Physics beyond the standard model in the era of LHO	CSIR-GS	Datta,A., Dr. (F) Calcutta University Department of Physics Kolkata - 700 009 West Bengal	10.26	36
3221	Studies of dissipative dynamics in quantum computers using NMR techniques	CSIR-GS	Dorai,K., Dr. (F) Indian Institute of Technology (M) Department of Physics Chennai - 600 036 Tamil Nadu	11.91	36
3222	Studies on defects in ZnO thin films	CSIR-GS	Basak,D., Dr. (F) Indian Association for the Cultivation of Science Department of Solid State Physics Kolkata - 700 032 West Bengal	13.16	36
3223	Study of electrical properties of superionic glass nanocomposites	CSIR-GS	Ghosh,A., Prof. (M) Indian Association for the Cultivation of Science Department of Solid State Physics Kolkata - 700 032 West Bengal	14.26	36
3224	Study of low temperature transport properties of strongly correlated oxide systems	CSIR-GS	Sarode,P.R., Dr. (M) Goa University Department of Physics Taleigo Plateau - 403 206 Goa	12.21	36
3225	Synthesis & characterization of conducting polymer/carbon nanotubes nanocomposite for hazardous gas sensor applications	CSIR-GS	Shirsat,M.D., Dr. (M) Dr. Babasaheb Ambedkar Marathwada University Department of Physics Aurangabad - 431 004 Maharashtra	15.76	36
3226	Synthesis & characterization of nano ZnO - polymer composites	CSIR-GS	Khare,N., Dr. (M) Indian Institute of Technology (D) Department of Physics New Delhi - 110 016 Delhi	14.76	36
3227	Structural electronic & phonon properties of some transition metal & rare earth compounds	CSIR-SS	Sanyal,S.P., Prof. (M) Barkatullah Vishwavidyalaya Department of Physics & Elect. Bhopal - 462 026 Madhya Pradesh	9.51	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
3228	A study of Pd-H interaction in size-selected Pd & Pd alloy nanoparticles for H sensor applications	DAE-BRNS	Mehta,B.R., Dr. (M) Indian Institute of Technology (D) Department of Physics New Delhi - 110 016 Delhi	27.94	7
3229	Complete & incomplete fusion reactions involving loosely bound stable projectiles from the analysis of recoil range & light particle measurements	DAE-BRNS	Singh,N.L., Prof. (M) M.S. University of Baroda Department of Physics Vadodara - 390 002 Gujarat	13.17	5
3230	Development of duplex plasma based surface modification process involving depulsed magnetron sputtering & plasma nitriding & surface modification	DAE-BRNS	Saikia,B.K., Dr. (M) Centre of Plasma Physics Sonapur - 782 042 Assam	27.51	13
3231	Doped semiconductor quantum dots: Optical perspective	DAE-BRNS	Mahamuni,S., Dr. (F) Pune University Department of Physics Pune - 411 007 Maharashtra	19.96	16
3232	Effect of Laser Plasma on doubly excited states of two electron systems & its application in Plasma Diagnostics	DAE-BRNS	Mukherjee,T.K., Dr. (M) Narula Institute of Technology Department of Physics, Agarpara Kolkata - 700 109 West Bengal	8.59	7
3233	Electron impact ionization of plasma processing molecules	DAE-BRNS	Pal,S., Dr. (M) Reader Janta Vedic (P.G.) College Department of Physics, Baghput Baraut - 250 611 Uttar Pradesh	6.47	10
3234	Heat pipe based heat flux measurement system	DAE-BRNS	Kennedy,R., Dr. (M) Karunya University Coimbatore - 641 114 Tamil Nadu	20.37	7
3235	Investigations on solid state materials for hydrogen storage & its use as alternate fuel in I.C. Engine	DAE-BRNS	Singh,S.K., Dr. (M) Assisat Professor Deenbandhu Chhotu Ram University of Science & Technology Department of Physics Sonapat - 131 039 Haryana	19.99	13
3236	Optimization of Nd & Yb doped fluorophosphate glasses for solid state laser applications	DAE-BRNS	Jayasankar,C.K., Dr. (M) Sri Venkateswara University Department of Physics Tirupati - 517 502 Andhra Pradesh	29.49	10
3237	Particle physics beyond the standard model preparing for upcoming colliders	DAE-BRNS	Kundu,A., Dr. (M) Calcutta University Department of Physics Kolkata - 700 009 West Bengal	10.43	6
3238	Precision measurements of internal conversion coefficients of high multipole transitions	DAE-BRNS	Venkataramaniah,K., Prof. (M) Dean/Head Sri Sathya Sai Institute of Higher Learning Dept of Physics, Prasanthimayam Anantapur - 515 134 Andhra Pradesh	18.27	11
3239	Probing Quark-Gluon Plasma with Leptonic Observable with PHENIX Detector at RHIC	DAE-BRNS	Singh,V., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	9.82	7

BROAD SUBJECT AREA : PHYSICAL SCIENCES					
Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
3240	Prototype development of high performance spinel & garnet ferrites for high power circulator applications	DAE-BRNS	Murthy,S.R., Prof. (M) Osmania University Department of Physics Hyderabad - 500 007 Andhra Pradesh	26.38	14
3241	Radon monitoring in groundwater of the Northeastern India Region to study the neotectonics activities & health hazard	DAE-BRNS	Saxena,A., Dr. (M) Lecturer North-Eastern Hill University Department of Physics Shillong - 793 022 Meghalaya	14.09	12
3242	Some studies in spin dependent e-p & p-p scattering processes at high energies	DAE-BRNS	Mukherjee,A., Dr. (F) Indian Institute of Technology (B) Department of Physics, Powai Mumbai - 400 076 Maharashtra	7.81	6
3243	Studies of spin wave instability in ferrites for high power circulators	DAE-BRNS	Bhattacharyya,N.S., Dr. (F) Tezpur University Department of Physics Tezpur - 784 028 Assam	35.37	36
3244	Studies on Hadron structure functions by unique solution of evolution equations	DAE-BRNS	Baishya,R., Dr. (M) Senior Lecturer Jawaharlal Nehru College Department of Physics Boko - 781 123 Assam	6.71	9
3245	Study of laser action in photonic crystals	DAE-BRNS	Vijaya,R., Dr. (F) Indian Institute of Technology (B) Department of Physics Mumbai - 400 076 Maharashtra	11.54	8
3246	Study of Mesogenic behaviour through quantum mechanics & computer simulation	DAE-BRNS	Ojha,D.P., Dr. (M) Andhra Loyola College P.G. Department of Physics Vijayawada - 520 008 Andhra Pradesh	7.14	11
3247	Supersymmetry at Low Energies	DAE-BRNS	Pandita,P.N., Prof. (M) North-Eastern Hill University Department of Physics Shillong - 793 022 Meghalaya	13.67	12
3248	Synthesis & investigation of Yb-based strongly correlated electron systems	DAE-BRNS	Hossain,Z., Dr. (M) Indian Institute of Technology (K) Department of Physics Kanpur - 208 016 Uttar Pradesh	28.83	17
3249	Synthesis of nanocrystalline ferrite material for fabrication of gas sensors	DAE-BRNS	Suryavanshi,S.S., Dr. (M) Solapur University Department of Physics, Kegaon Solapur - 413 255 Maharashtra	9.67	8
3250	The resistive plate chamber development for INO project	DAE-BRNS	Bhatnagar,V., Dr. (M) Panjab University Department of Physics Chandigarh - 160 014 Chandigarh	14.36	6
3251	Thermal & Thermo-mechanical properties of some polymeric blends	DAE-BRNS	Sharma,K., Dr. (F) Rajasthan University Department of Physics Jaipur - 302 004 Rajasthan	20.65	12

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
3252	An investigation on Energy Transfer & Frequency Upconversion of Rare Earth Doped Laser Glasses	DRDO-GIA	Moorthy,L.R., Dr. (M) Assistant Professor Sri Venkateswara University Department of Physics Tirupati - 517 502 Andhra Pradesh	14.98	36
3253	Core Shell Nanostructure by Pulsed Laser Ablation	DRDO-GIA	Soni,R.K., Prof. (M) Assistant Professor Indian Institute of Technology (D) Department of Physics New Delhi - 110 016 Delhi	20.40	36
3254	Development of Ceramics & Nano - Structured Magnetic Refrigerants	DRDO-GIA	Suresh,K.G., Prof. (M) Associate Professor Indian Institute of Technology (B) Department of Physics Mumbai - 400 076 Maharashtra	20.28	36
3255	Development of Data Fusion Models & Algorithms for Molecular Recognition in Polymeric Multisensor Platforms	DRDO-GIA	Yadava,R.D.S., Dr. (M) Professor Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	40.11	36
3256	Development of Nanostructure & Bimodal Nanostructures Aluminium Alloys by Severe Plastic Deformation (SPD)	DRDO-GIA	Ravishanker,B., Dr. (M) Assistant Professor National Institute of Technology (Tiruchirappalli) Dept. of Metallurgical & Materials Engg. Tiruchirappalli - 620 015 Tamil Nadu	25.85	36
3257	Development of Optical Parametric Oscillator Tunable in the Range of 0.35 μ m to 16 μ m for Airborne Detection of Chemical Biological Warfare Agents	DRDO-GIA	Datta,P.K., Dr. (M) Assistant Professor Indian Institute of Technology (Kh) Department of Physics & Meteorology Kharagpur - 721 302 West Bengal	73.29	36
3258	Experimental & Numerical Studies of Higher Power Cherenkov & Cyclotron Masers	DRDO-GIA	Choyal,Y., Dr. (M) Lecturer Devi Ahilya Vishwavidyalaya Department of Physics Indore - 452 001 Madhya Pradesh	30.66	24
3259	Ferrofluid based Electric Power Generator	DRDO-GIA	Pant,R.P., Dr. (M) Scientist E II National Physical Laboratory New Delhi - 110 012 Delhi	14.75	24
3260	Growth of Multi-Walled Carbon Nanotubes Suitable for Device Applications (FEDs)	DRDO-GIA	Husain,M., Prof. (M) Jamia Millia Islamia Department of Physics New Delhi - 110 025 Delhi	36.97	36
3261	Magnetic Nanostructured in Ferro - Magnetic Shape Memory Alloys: Martensite to/from Austenite	DRDO-GIA	Mahendran,M., Dr. (M) Lecturer Thiagarajar College of Engineering Department of Physics Madurai - 625 015 Tamil Nadu	6.98	36
3262	MESFET Model Parameter Extraction using particle Swarm Optimization Technique	DRDO-GIA	Sarbat,S.L., Dr. (M) Lecturer Hyderabad University School of Physics Hyderabad - 500 046 Andhra Pradesh	9.13	36
3263	MOVPE Grown 1550 nm Centered Superluminescent Light Emitting Diodes (SLEDs) with a 60 nm Band Width & 10 mw Output Power	DRDO-GIA	Bhattacharya,A., Dr. (M) Reader Tata Institute of Fundamental Research Condensed Matter Phy. & Material Sc. Mumbai - 400 005 Maharashtra	41.16	24

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
3264	Nanostructures Metal Oxide Gas Sensory Array for Detecting Chemical Warfare Agents	DRDO-GIA	Jain,K., Dr. (F) Scientist E II National Physical Laboratory Electronics Material Division New Delhi - 110 012 Delhi	14.12	24
3265	Structural Phase Transition & Lattice Mechanical Properties of Rare Earth Semiconducting	DRDO-GIA	Varshney,D., Dr. (M) Reader Devi Ahilya Vishwavidyalaya School of Physics, Takashashila Parisar Indore - 452 017 Madhya Pradesh	14.99	36
3266	Studies on Rare Earth Substituted Magnesium Ferrite Thin Films & the Effect of Humidity on its Performance	DRDO-GIA	Kotnala,R.K., Dr. (M) Scientist F National Physical Laboratory New Delhi - 110 012 Delhi	14.85	24
3267	Studies on Synthesis & Characterisation of Large Area Transparent Conductive Oxide Thin Films	DRDO-GIA	Rajpure,K.Y., Dr. (M) Lecturer Shivaji University Physics, Electrochemical Material Lab. Kolhapur - 416 004 Maharashtra	13.29	36
3268	Synthesis & Characterization of Nano Crystalline Lead Titanate Ceramics	DRDO-GIA	Tandon,R.P., Prof. (M) Delhi University Department of Physics Delhi - 110 007 Delhi	14.90	36
3269	Synthesis & Characterization of Nano Powder	DRDO-GIA	Gopal,R., Prof. (M) Allahabad University Department of Physics Allahabad - 211 002 Uttar Pradesh	28.98	36
3270	Synthesis of Nano - Materials & Their Applications	DRDO-GIA	Sharma,S.K., Dr. (M) Assistant Professor Haryana Engineering College Department of Physics Jagadhari - 135 003 Haryana	14.95	24
3271	Synthesis of Nano Ferrites using Mechano - Chemical Alloying Techniques	DRDO-GIA	Singh,S., Dr. (F) Senior Lecturer G.V.M.G. College Department of Physics Sonapat - 131 001 Haryana	14.90	36
3272	Synthesis of Newer Materials by Transient Shock Waves & their characterisation by various spectroscopic methods & development of Pyrophoric Devices	DRDO-GIA	Thakur,N., Dr. (M) Senior Lecturer Himachal Pradesh University Department of Physics Shimla - 171 005 Himachal Pradesh	44.79	5
3273	Synthesis, Microstructural & Physical Properties of Monolithic Silicon Carbide Foams	DRDO-GIA	Tandon,R.P., Prof. (M) Delhi University Department of Physics & Astrophysics Delhi - 110 007 Delhi	49.54	36
3274	Technology Development & Research with Photonic Crystal Fibers & Components for Advanced Photonic Sensor System	DRDO-GIA	Chaudhuri,P.R., Dr. (M) Professor Indian Institute of Technology (Kh) Kharagpur - 721 302 West Bengal	75.21	36
3275	V.K. Krishnamenon Study Centre for International Relations at Kariavattom Campus, University of Kerala, Thiruvananthapuram	DRDO-GIA	Varkey,S., Dr. (M) Director V.K. Krishnamenon Study Centre for International Relations Thiruvananthapuram - 695 034 Kerala	13.00	1

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
3276	Computer simulation of Ionic Liquids	DST-ID	Balasubramanian, S., Prof. (M) Jawaharlal Nehru Centre for Advanced Scientific Research Dept. of Chemistry & Physics of Materials Bengalooru - 560 064 Karnataka	4.16	24
3277	Development of Nano composite anisotropy Nd-Fe-B magnetes for high energy applications	DST-ID	Narayan, S.P., Dr. (M) Regional Research Laboratory Bhopal - 462 206 Madhya Pradesh	2.08	24
3278	Electron transport along mono atomic electrochemical wires & chains	DST-ID	Mishra, A.K., Prof. (M) Institute of Mathematical Sciences Chennai - 600 113 Tamil Nadu	2.61	24
3279	Fabrication & characterization of novel photonic crystal structures & Si/Ge quantum dos for photonic applications	DST-ID	Vice-Chancellor, The Hyderabad University School of Physics Hyderabad - 500 046 Andhra Pradesh	39.88	36
3280	Fabrication & characterization of novel photonic crystal structures & Si/Ge quantum dos for photonic applications	DST-ID	Director, The Indian Institute of Technology (Kh) Department of Physics Kharagpur - 721 302 West Bengal	39.88	36
3281	Gravitational wave data analysis for TAMA	DST-ID	Dhurandhar, S., Prof. (M) Inter University Centre for Astronomy & Astrophysics Pune - 411 007 Maharashtra	3.80	24
3282	HPHT synthesis & characterization of new novel physical property materials	DST-ID	Awana, V.P.S., Dr. (M) National Physical Laboratory New Delhi - 110 012 Delhi	2.80	24
3283	Investigations on flexo electric properties of liquid crystal	DST-ID	Krishnamurthy, K.S., Dr. (M) Centre for Liquid Crystal Research Bengalooru - 560 013 Karnataka	4.98	36
3284	Laser radar characterization of atmospheric aerosols & clouds in boundary layer & free troposphere	DST-ID	Devara, P.C.S., Dr. (M) Scientist & Head Indian Institute of Tropical Meteorology Department of Physical Meteorology Pune - 411 008 Maharashtra	3.73	36
3285	Lidar development & associates scattering studies for monitoring atmospheric constituents	DST-ID	Ahmed, G.A., Dr. (M) Tezpur University Tezpur - 784 028 Assam	11.25	36
3286	Light scattering by irregular shaped particles	DST-ID	Gupta, R., Prof. (M) Inter University Centre for Astronomy & Astrophysics Pune - 411 007 Maharashtra	3.80	24
3287	New Magnetic low dimensional system	DST-ID	Reddy, V.R., Dr. (M) Inter University Consortium for DAE Facilities Indore - 452 017 Madhya Pradesh	1.14	36
3288	Noise induced resonances in plasma system	DST-ID	Iyengar, A.N.S., Dr. (M) Professor G Saha Institute of Nuclear Physics Kolkata - 700 064 West Bengal	6.59	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
3289	Optical Diode Laser based Magnetometer miniaturization & parameters optimization	DST-ID	Ghosh,P.N., Prof. (M) Calcutta University Department of Physics Kolkata - 700 073 West Bengal	4.23	36
3290	Particle physics models of inflation & dark energy & their observational constraints	DST-ID	Sami,M., Prof. (M) Jamia Millia Islamia Department of Physics New Delhi - 110 025 Delhi	6.60	24
3291	Rare decays of n & \bar{n} mesons	DST-ID	Varma,R., Prof. (M) Indian Institute of Technology (B) Department of Physics Mumbai - 400 076 Maharashtra	4.33	24
3292	Self assembling oligopeptide lipids for nucleic & delivery	DST-ID	Rao,N.M., Dr. (M) Hyderabad University Hyderabad - 500 046 Andhra Pradesh	3.44	24
3293	Speciation dependant studies on physico chemical behaviour of some elements in trace scale in natural & synthetic systems	DST-ID	Lahiri,S., Dr. (M) Saha Institute of Nuclear Physics Department of Chemical Sciences Kolkata - 700 064 West Bengal	6.63	24
3294	Structural properties of sol-gel low-e materials by IR spectroscopy	DST-ID	Biswas,P.K., Dr. (M) Scientist Central Glass & Ceramic Research Institute Kolkata - 700 032 West Bengal	4.36	24
3295	Studies on uncertainty like measures of information in atoms and molecules under confining potentials	DST-ID	Sen,K.D., Dr. (M) Hyderabad University Hyderabad - 500 046 Andhra Pradesh	1.66	24
3296	Synthesis & characterization of metal complexes with biologically active ligands: Potential anti-cancer agent	DST-ID	Rastogi,V.K., Dr. (M) Ch. Charan Singh University Department of Physics Meerut - 250 005 Uttar Pradesh	3.30	36
3297	Theoretical study of Electronic Transport through Molecules & Nanoscopic System	DST-ID	Ramasesha,S., Prof. (M) Associate Professor Indian Institute of Science Bengalooru - 560 012 Karnataka	3.76	36
3298	Time resolt total internal reflection fluorecence study	DST-ID	Smanta,A., Prof. (M) Hyderabad University Hyderabad - 500 046 Andhra Pradesh	4.58	24
3299	Variability of indoor radon & thoron exposure to humans & eathquake prediction	DST-ID	Bajwa,B.S., Dr. (M) Reader & Head Guru Nanak Dev University Department of Physics Amritsar - 143 005 Punjab	3.48	24
3300	Waves propagation in the solar atmosphere	DST-ID	Banerjee,D., Dr. (M) Indian Institute of Astrophysics Bengalooru - 560 003 Karnataka	2.81	24
3301	Creation of high magnetic field low temperature facility at UGC-DAE Consortium, CSR, Kolkata	DST-IRHPA	Sinha,A.K., Dr. (M) UGC-DAE Consortium for Scientific Research Kolkata - 700 098 West Bengal	489.60	60

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
3302	Fabrication & Characterization of Manganite based thin Film Devices	DST-SERC- FT	Markna,J.H., Dr. (M) Saurashtra University Department of Physics Rajkot - 360 005 Gujarat	11.70	36
3303	Morphological Evolution of Galaxies over Cosmic Time	DST-SERC- FT	Ravindranath,S., Dr. (M) Inter University Centre for Astronomy & Astrophysics Pune - 411 007 Maharashtra	3.42	36
3304	Conformational Dynamics of Model Tripeptides using NMR & Vibrational Spectroscopic Techniques	DST-SERC-FT	Dorai,K., Dr. (F) Indian Institute of Science Education & Research Department of Physics Chandigarh - 160 019 Chandigarh	5.70	36
3305	Delineation of the Subductucton Geometry along Burmese - Andaman ARC through Inversion of Gravity & Travel Time Data & Migration of Receiver Function	DST-SERC-FT	Roy,L., Dr. (F) Indian Institute of Geomagnetism Navi Mumbai - 410 218 Maharashtra	12.12	36
3306	Design & study of optical waveguide biosensors of recent interest oriented to Technological Applications	DST-SERC-FT	Singh,V., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	7.62	36
3307	Development of microplasma spraying technique for the preparations of nanomaterials for gas sensors applications	DST-SERC-FT	Bose,A.C., Mr. (M) National Institute of Technology (Tiruchirappalli) Department of Physics Tiruchirappalli - 620 015 Tamil Nadu	19.80	36
3308	Development of Poly (3-alkylthophenes) based Composites for Application in Solar Energy Generation Devices	DST-SERC-FT	Kumar,J., Dr. (M) National Physical Laboratory Electronic Material Division New Delhi - 110 012 Delhi	14.88	36
3309	Experimental & numerical studies on composite materials with periodic filler for microwave applications	DST-SERC-FT	Deka,J.R., Dr. (F) Tezpur University Department of Physics Tezpur - 784 028 Assam	19.74	37
3310	Experimental Investigation on the relationship between the molecular structure & Physical properties of Banana Liquid Crystals	DST-SERC-FT	Dhara,S., Dr. (M) Hyderabad University School of Physics Hyderabad - 500 046 Andhra Pradesh	15.78	36
3311	Investigation of the sound level produced by Jack Hammer Drill with drilling in rocks of different compressive strength	DST-SERC-FT	Vardhan,H., Dr. (M) National Institute of Technology (Karnataka) Department of Mining Srinivasanagar - 575 025 Karnataka	10.98	36
3312	Investigation on the crystallization, polymerization, habit modification, solution mediated phase transformation & optical properties of the Amino Acide: Glycine	DST-SERC-FT	Srinivasan,K., Dr. (M) Alagappa University Department of Physics Karaikudi - 630 003 Tamil Nadu	7.98	36
3313	Nano-composite Photocatalyst for Hydrogen Generation under visible light irradiation	DST-SERC-FT	Patil,P.S., Dr. (M) Singhad Institute of Technology Department of Applied Physics Pune - 410 401 Maharashtra	4.98	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
3314	Observations of Dust Scattering using Glaex	DST-SERC-FT	Sujatha,N.V., Dr. (F) Indian Institute of Astrophysics Bengalooru - 560 034 Karnataka	11.52	36
3315	SHG active self-assembled Nano-architectdures	DST-SERC-FT	Mukhopadhyay,P., Dr. (M) Jawaharlal Nehru University School of Physical Sciences New Delhi - 110 067 Delhi	13.66	36
3316	Stability of Synchronious Chaos & generalized turning pattern in P-neighbours diffusive coupled dynamical systems with their applications to image compression	DST-SERC-FT	Palaniyandi,P., Dr. (M) Nehru Memorial College Department of Physics Puthanampatti - 621 007 Tamil Nadu	2.10	36
3317	Study of Physical Behaviour of ZnO as a host of Semiconducting Nano Materials	DST-SERC-FT	Bandopadhyay,S., Dr. (M) Calcutta University Department of Physics Kolkata - 700 009 West Bengal	14.34	36
3318	Study of ultrafast Photophysical processes in Bio & Nano-Materials - DNA, Lipids & Nanoparticles	DST-SERC-FT	Sen,S., Dr. (M) Jawaharlal Nehru University School of Physical Sciences New Delhi - 110 067 Delhi	14.40	36
3319	The origin of Inertia in General Relativity	DST-SERC-FT	Parikh,M.K., Dr. (M) Inter University Centre for Astronomy & Astrophysics Pune - 411 007 Maharashtra	3.24	36
3320	Development & characterisation of nanocomposite mullite: A study	DST-SERC-NSTI	Das,S., Dr. (M) Jadavpur University Department of Physics Kolkata - 700 032 West Bengal	28.90	36
3321	Development of nano dispersed Polycrylates for optical applications	DST-SERC-NSTI	Khandal,R.K., Dr. (M) Shriram Institute for Industrial Research New Delhi - 110 007 Delhi	52.70	36
3322	Effective functionalization of carbon nanotubes using amphiphilic/hydrophilic dendrimers & phase transfer catalysts	DST-SERC-NSTI	Murugan,E., Dr. (M) Madras University School of Chemical Sciences Chennai - 600 025 Tamil Nadu	23.29	36
3323	Electro nanoprocessing of semiconductor nanotube arrays for high efficiency photovoltaics	DST-SERC-NSTI	Nair,S.K.V., Dr. (M) Amrita Vishwa Vidyapeetham Amrita Centre for Nanosciences Kochi - 682 026 Kerala	493.20	36
3324	Establishment of a Nano Functional Materials Technology Centre (NFMTC) at IIT, Madras, Chennai	DST-SERC-NSTI	Ramaprabhu,S., Dr. (M) Indian Institute of Technology (M) Department of Physics Chennai - 600 036 Tamil Nadu	2361.00	36
3325	National facility on ultra high resolution Aberration - corrected transmission electron microscope at International Centre for Materials Research, JNCASR, Bangalore	DST-SERC-NSTI	Director, The Jawaharlal Nehru Centre for Advanced Scientific Research Bengalooru - 560 064 Karnataka	3262.40	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
3326	Pd bi-metal nanoparticle & multilayer structures for improved hydrogenation in rare earth switchable mirrors	DST-SERC-NSTI	Mehta, B.R., Prof. (M) Indian Institute of Technology (D) Department of Physics New Delhi - 110 016 Delhi	69.45	36
3327	Physical principles relevant to nanoscale devices & biological motors in the Brownian regime	DST-SERC-NSTI	Menon, G.I., Dr. (M) Institute of Mathematical Sciences Chennai - 600 113 Tamil Nadu	12.84	36
3328	Physics & applications of nanocrystalline materials & semiconductor quantum devices	DST-SERC-NSTI	Ayyub, P., Prof. (M) Tata Institute of Fundamental Research Department of Condensed Matter Physics Mumbai - 400 005 Maharashtra	353.00	36
3329	Rare earth doped nanocrystalline spinel ferrites: Promising materials for magneto-optical storage media	DST-SERC-NSTI	Pal, M., Dr. (M) Burdwan University Department of Physics Burdwan - 713 104 West Bengal	17.76	36
3330	Semiconductor quantum dots for optical storage applications	DST-SERC-NSTI	Tandon, R.P., Prof. (M) Delhi University Department of Physics & Astrophysics Delhi - 110 007 Delhi	46.13	36
3331	Studies in micro & nanorheology of soft materials	DST-SERC-NSTI	Ananthamurthy, S., Dr. (M) Bangalore University Department of Physics Bengalooru - 560 056 Karnataka	53.64	36
3332	Synthesis, contact less conductivity magnetic & Electron magnetic Resonance investigations of nano-manganites (mainly charge ordered)	DST-SERC-NSTI	Bhat, S.V., Prof. (M) Indian Institute of Science Department of Physics Bengalooru - 560 012 Karnataka	40.01	36
3333	A numerical & analytical investigation of strong - field processes driven by few - cycle laser pulses with gases & plasma waveguides	DST-SERC-SC	Maheswari, K.P., Dr. (M) Vardhman Mahavir Open University Department of Physics Kota - 324 010 Rajasthan	12.54	36
3334	A study on nano granular magnetic phase embedded in semiconductor for spintronics	DST-SERC-SC	Srivastava, P.C., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	34.21	36
3335	A theoretical study of the thermoelectric material Na-x-CoO-2-	DST-SERC-SC	Sa, D., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	19.00	36
3336	A theoretical study on Pentaquark Baryons	DST-SERC-SC	Bhattacharya, A., Dr. (F) Jadavpur University Department of Physics Kolkata - 700 032 West Bengal	3.79	36
3337	A venture for developing electro - optic modulator from DAST single crystals	DST-SERC-SC	Ravi, G., Dr. (M) Alagappa University Department of Physics Karaikudi - 630 003 Tamil Nadu	23.75	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
3338	Amorphous carbon thin film having nanoparticle inclusions deposited by the modified vacuum plasma arc techniques	DST-SERC-SC	Panwar,O.S., Dr. (M) National Physical Laboratory Plasma Processed Materials Group New Delhi - 110 012 Delhi	34.95	36
3339	An experimental study of quark gluon plasma in phenix experiment at RHIC (BNL, USA)	DST-SERC-SC	Singh,C.P., Prof. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	47.27	36
3340	An investigation of coulomb interaction effects on mesoscopic & nanoscale transport with noise	DST-SERC-SC	Ghosh,A., Dr. (M) Indian Institute of Science Department of Physics Bengalooru - 560 012 Karnataka	205.10	36
3341	Behaviour of spatially extended dynamical systems on networks	DST-SERC-SC	Gade,M.P., Dr. (M) Pune University Centre for Modelling & Simulation Pune - 411 007 Maharashtra	10.14	36
3342	BRST - Symmetries & persymmetries	DST-SERC-SC	Malik,R.P., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	12.43	36
3343	Characteristics of top quark & search for new particles/phenomena at the Dzero experiment at fermilab	DST-SERC-SC	Beri,S.B., Dr. (F) Panjab University Department of Physics Chandigarh - 160 014 Chandigarh	22.47	36
3344	Characteristics of top quark & search for new particles/phenomena at the Dzero experiment at fermilab*	DST-SERC-SC	Choudhary,B., Dr. (M) Delhi University Department of Physics Delhi - 110 007 Delhi	31.34	36
3345	Characterization & Scaling Studies in Large Volume Plasma by Multiple Compact ECR Sources	DST-SERC-SC	Ganguli,A., Prof. (M) Indian Institute of Technology (D) Centre for Energy Studies New Delhi - 110 016 Delhi	38.68	36
3346	Charge & orbital ordering	DST-SERC-SC	Mahadevan,P., Dr. (F) Satyendra Nath Bose National Centre for Basic Sciences Kolkata - 700 098 West Bengal	22.09	36
3347	Competing types of order in Bose-Bose mixtures	DST-SERC-SC	Pai,R.V., Dr. (M) Goa University Department of Physics Taleigo Plateau - 403 206 Goa	17.63	36
3348	Correlation studies on ionic fragments of some atmospheric molecules induced by ke V-electron impact	DST-SERC-SC	Shanker,R., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	34.90	36
3349	Developing a high sensitivity magneto - optical imaging technique	DST-SERC-SC	Banerjee,S., Dr. (M) Indian Institute of Technology (K) Department of Physics Kanpur - 208 016 Uttar Pradesh	66.72	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
3350	Development & characterization of PCV-PEMA based solid polymer blend electrolytes for battery applications	DST-SERC-SC	Rajendran,S., Dr. (M) Alagappa University Department of Physics Karaikudi - 630 003 Tamil Nadu	19.98	36
3351	Development & characterization of phospholipids based bio - membrane using Langmuir - Blodgett technique	DST-SERC-SC	Talapatra,G.B., Prof. (M) Indian Association for the Cultivation of Science Department of Spectroscopy Kolkata - 700 032 West Bengal	23.61	36
3352	Development of a vibrating sample magnetometer using a superconducting magnet	DST-SERC-SC	Mandal,K., Dr. (M) Satyendra Nath Bose National Centre for Basic Sciences Kolkata - 700 098 West Bengal	22.50	36
3353	Development of an atomic magnetometer based on nonlinear magneto - optical rotation for geomagnetic applications	DST-SERC-SC	Pattabiraman,M., Dr. (M) Indian Institute of Technology (M) Department of Physics Chennai - 600 003 Tamil Nadu	38.50	36
3354	Development of cadmium sulphidepolyaniline heterojunction based room temperature LPG sensor	DST-SERC-SC	Lokhande,C.D., Dr. (M) Shivaji University Department of Physics Kolhapur - 416 004 Maharashtra	16.70	36
3355	Development of cryofree superconducting magnet with room temperature bore	DST-SERC-SC	Datta,T.S., Dr. (M) Inter University Accelerator Centre New Delhi - 110 067 Delhi	39.74	36
3356	Development of Lamp Phosphors for solid state lighting	DST-SERC-SC	Joshi,C.P., Dr. (F) Shri Ramdeobaba Kamla Nehru Engineering College Department of Applied Physics Nagpur - 440 013 Maharashtra	20.91	36
3357	Development of low cost sodium silicate based aerogels for thermal insulation applications	DST-SERC-SC	Rao,A.V., Dr. (M) Shivaji University Department of Physics Kolhapur - 416 004 Maharashtra	20.42	36
3358	Development of multi-purpose plasma ozone generator for disinfectant applications	DST-SERC-SC	Srivastava,B.B., Dr. (M) P.I.I.T. Navi Mumbai - 410 206 Maharashtra	23.50	36
3359	Development of novel sensitizers based on NIR dyes part of a major programme on Metal Based Drugs to be implemented by NIIST, Thiruvananthapuram	DST-SERC-SC	Ramaiah,D., Dr. (M) National Institute of Interdisciplinary Science & Technology Photosc. & Photonics, Chem. Sc. & Tech. Thiruvananthapuram - 695 019 Kerala	394.87	36
3360	Development of novel sensitizers based on NIR dyes part of a major programme on Metal Based Drugs to be implemented by RGCB, Thiruvananthapuram	DST-SERC-SC	Pillai,M.R., Dr. (M) Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram - 695 014 Kerala	50.91	36
3361	Development of plasma chamber set up for re-entry studies	DST-SERC-SC	Bhatnagar,D., Dr. (M) Rajasthan University Department of Physics Jaipur - 302 004 Rajasthan	23.58	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
3362	Development of sensitized phosphate glass laser materials Application in Atmospheric communication systems	DST-SERC-SC	Veeraiah,N., Dr. (M) Nagarjuna University Department of Physics Nuzvid - 521 201 Andhra Pradesh	41.85	36
3363	Development of White Organic Light Emitting Diodes (WOLEDs) for general lighting applications	DST-SERC-SC	Kamalasanam,M.N., Dr. (M) National Physical Laboratory Polymeric & Soft Materials Section New Delhi - 110 012 Delhi	43.78	36
3364	Dielectric spectroscopic & electro - optical studies of twisted grain boundary phases	DST-SERC-SC	Dhar,R., Dr. (M) Ewing Christian College Department of Physics Allahabad - 211 003 Uttar Pradesh	20.00	36
3365	Drift wave turbulences in dusty plasmas	DST-SERC-SC	Bose,M., Dr. (F) Jadavpur University Department of Physics Kolkata - 700 032 West Bengal	9.42	36
3366	Dynamics of Ftsz polymers during bacterial cell division	DST-SERC-SC	Sain,A., Dr. (M) Indian Institute of Technology (B) Department of Physics Mumbai - 400 076 Maharashtra	11.14	36
3367	Effects of relativity abd correlation on the radiative decay of hollow atoms	DST-SERC-SC	Natarajan,L., Dr. (F) Mumbai University Department of Physics Mumbai - 400 098 Maharashtra	15.87	36
3368	Elastic property measurements on ferro magnetic shape memory alloy system Ni-Ix-Co-x-Al-y	DST-SERC-SC	Mukhopadhyay,P.K., Dr. (M) Satyendra Nath Bose National Centre for Basic Sciences Laboratory for Condensed Matter Kolkata - 700 098 West Bengal	22.43	36
3369	Electrochemical synthesis of organized low dimensional group II - IV semiconductors	DST-SERC-SC	Pandey,R.K., Dr. (M) Barkatullah Vishwavidyalaya Department of Physics Bhopal - 462 026 Madhya Pradesh	20.43	36
3370	Electrochemical synthesis of organized low dimensional group II - VI semiconductor & line study of relaxation processes & scattering rates	DST-SERC-SC	Sharma,A.C., Dr. (M) M.S. University of Baroda Department of Physics Vadodara - 390 002 Gujarat	20.81	36
3371	Electronic transport in low dimensional systems	DST-SERC-SC	Sen,D., Dr. (M) Indian Institute of Science Centre for Theoretical Studies Bengalooru - 560 012 Karnataka	17.57	36
3372	Electronically tunable properties of nanocluster assembled films	DST-SERC-SC	Chandrabas,B., Dr. (M) Hyderabad University School of Physics Hyderabad - 500 046 Andhra Pradesh	38.05	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (In Months)
3373	Establishment of dual chamber Hot Wire Chemical Vapor Deposition (HW-CVD) technique & synthesis of intrinsic & doped hydrogenated microcrystalline silicon (uc-Si:H) & evaluation of their opto - electronic properties for photovoltaic applications	DST-SERC-SC	Jadkar, S.R., Dr. (M) Pune University Department of Physics Pune - 411 007 Maharashtra	39.93	36
3374	Feasibility study of Neutrinoless double beta decay in ^{124}Sn	DST-SERC-SC	Raina, P.K., Dr. (M) Indian Institute of Technology (Kh) Department of Physics & Meteorology Kharagpur - 721 302 West Bengal	50.82	36
3375	Fundamental properties of compact objects & their accretion disk: Unified study of gravity, fluid dynamics & field theory	DST-SERC-SC	Mukhopadhyay, B., Dr. (M) Indian Institute of Science Department of Physics Bengaluru - 560 012 Karnataka	29.10	36
3376	Growth of 4-N, N-Dimethylamino-4N-Stilbazoliumtosylate (DAST) organic single Crystals suitable for electro optic sensors & to generate Tera Hertz waves	DST-SERC-SC	Sureshkumar, P., Dr. (M) Velammal Engineering College Department of Physics Chennai - 600 066 Tamil Nadu	13.99	36
3377	Growth of large size KDP & ADP crystals by Sankaranarayanan Ramasamy methods	DST-SERC-SC	Ramasamy, P., Dr. (M) Sri Sivasubramaniya Nadar College of Engineering Centre for Crystal Growth Kalavakkam - 603 110 Tamil Nadu	18.74	36
3378	Hadrons at finite temperature & Density	DST-SERC-SC	Mallik, S., Dr. (M) Saha Institute of Nuclear Physics Kolkata - 700 064 West Bengal	7.08	36
3379	Hadrons in hot & dense hadronic matter	DST-SERC-SC	Mishra, A., Dr. (F) Indian Institute of Technology (D) Department of Physics New Delhi - 110 016 Delhi	9.77	36
3380	High pressure Raman studies of rare earth sesquioxides Ln_2O_3 (Ln-La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Yb, Y)	DST-SERC-SC	Bandopadhyaya, A.K., Dr. (M) National Physical Laboratory Dept. of Pressure & Vacuum Standards New Delhi - 110 012 Delhi	22.99	36
3381	High resolution diode laser spectroscopy of atmospheric molecules	DST-SERC-SC	Ray, B., Dr. (M) Calcutta University Department of Physics Kolkata - 700 009 West Bengal	22.53	36
3382	Important aspects of development of observational astronomy in India	DST-SERC-SC	Rao, N.K., Prof. (M) Indian Institute of Astrophysics Bengaluru - 560 034 Karnataka	17.76	36
3383	Influence of swift heavy ion irradiation on the dielectric & optical properties of non-linear optical crystals	DST-SERC-SC	Krishnakumar, V., Dr. (M) Periyar University Department of Physics Salem - 636 011 Tamil Nadu	18.43	36
3384	Investigation into the multifunctionality of some molecular materials & their application potential	DST-SERC-SC	Bhattacharjee, A., Dr. (M) Visva Bharati Department of Physics Santiniketan - 731 235 West Bengal	22.97	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
3385	Investigation of Bessel beams generated using optical fibres as large depth-of-field sub-micron scribe	DST-SERC-SC	Viswanathan, N.K., Dr. (M) Hyderabad University School of Physics Hyderabad - 500 046 Andhra Pradesh	39.83	36
3386	Investigation of incomplete fusion dynamics in heavy ion reactions at moderate & intermediate energies	DST-SERC-SC	Prasad, R., Dr. (M) Aligarh Muslim University Department of Physics Aligarh - 202 002 Uttar Pradesh	17.89	36
3387	Investigation of processes following L & M shell photoionization & analytical applications using EDXRF technique	DST-SERC-SC	Puri, S., Dr. (M) Punjabi University Department of Physics Patiala - 147 002 Punjab	17.85	36
3388	Investigation on highly efficient nonlinear optical bimetallic Thiocyanates & their Lewis base adducts the future materials for compact blue violet laser	DST-SERC-SC	Sagayaraj, P., Dr. (M) Loyola College Dept. of Physics, Nungambakkam Chennai - 600 034 Tamil Nadu	33.75	36
3389	Investigation on the prospects of p-type ZnO films grown by RF magnetron sputtering technique	DST-SERC-SC	Basak, D., Dr. (F) Indian Association for the Cultivation of Science Solid State & Structural Physics Unit Kolkata - 700 032 West Bengal	34.40	36
3390	Investigations on magnetic properties of selected novel magnetic materials	DST-SERC-SC	Srinivasan, A., Dr. (M) Indian Institute of Technology (G) Department of Physics Guwahati - 781 039 Assam	144.07	36
3391	Laser induced photoluminescence & morphological studies of nanophosphors	DST-SERC-SC	Bhatti, H.S., Dr. (M) Punjabi University Department of Physics Patiala - 147 002 Punjab	11.79	36
3392	Laser plasma interaction & particle acceleration at ultra high power laser flux	DST-SERC-SC	Sharma, R.P., Dr. (M) Indian Institute of Technology (D) Centre for Energy Studies New Delhi - 110 016 Delhi	17.92	36
3393	Laser spectroscopy of atoms, molecules & rare earth transitional metals in glasses/crystals	DST-SERC-SC	Rai, S.B., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	60.27	36
3394	Light Meson spectra in the frame work of chiral quark models with instanton induced interaction	DST-SERC-SC	Kumar, K.B.V., Dr. (M) Mangalore University Department of Physics, Dakshina Mangal Gangotri - 574 199 Karnataka	10.85	36
3395	Linear & nonlinear optical properties of nano-size metal colloids in polymers	DST-SERC-SC	Chandrasekharan, K., Dr. (M) National Institute of Technology (Kozhikode) Department of Science & Humanities Kozhikode - 673 601 Kerala	18.75	36
3396	Low temperature Raman measurements on novel materials	DST-SERC-SC	Roy, A., Dr. (F) Indian Institute of Technology (Kh) Department of Physics & Meteorology Kharagpur - 721 302 West Bengal	36.83	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (in Months)
3397	Measurement of Neutral Current cross sections at high X & the structure function F1 using polarized e beamset HERA-II	DST-SERC-SC	Kaur,M., Dr. (F) Panjab University Department of Physics Chandigarh - 160 014 Chandigarh	11.23	36
3398	Metal induced crystallization of amorphous silicon for application in solar cells	DST-SERC-SC	Ray,S., Prof. (F) Indian Association for the Cultivation of Science Energy Research Unit Kolkata - 700 032 West Bengal	22.80	36
3399	MOCVD growth & characterization of InGaP/GaAs & InGaP quantum dot solar cells	DST-SERC-SC	Banerji,P., Dr. (M) Indian Institute of Technology (Kh) Materials Science Division Kharagpur - 721 302 West Bengal	36.57	36
3400	Mossbauer studies of nano - structured materials	DST-SERC-SC	Giri,S., Dr. (M) Indian Association for the Cultivation of Science Department of Solid State Physics Kolkata - 700 032 West Bengal	49.76	36
3401	Novel organic materials for non-linear optical applications	DST-SERC-SC	Dharmaprakash,S.M., Dr. (M) Mangalore University Department of Physics Mangal Gangotri - 574 199 Karnataka	13.13	36
3402	Nuclear structure & nuclear reactions for drip linenuclei in relativistic models	DST-SERC-SC	Patra,S.K., Dr. (M) Institute of Physics Bhubaneswar - 751 005 Orissa	15.24	36
3403	Optimization of time filtering methodology for stochastic processes & investigation of atomic diffusion in solids through mossbauer resonance	DST-SERC-SC	Reddy,P.Y., Dr. (M) Osmania University Department of Physics Hyderabad - 500 007 Andhra Pradesh	22.81	36
3404	Parallel variational quantum Monte Carlo simulations of high Tc cuprates	DST-SERC-SC	Shenoy,V.B., Dr. (M) Indian Institute of Science Department of Physics Bengalooru - 560 012 Karnataka	18.48	36
3405	Preparation of thin film of carbon from plant derived precursor for p-type & n-type semiconductors	DST-SERC-SC	Sharon,M., Prof. (M) Birla College of Arts, Science & Commerce Nanotech Research Centre Kalyan - 421 304 Maharashtra	10.90	36
3406	Photoinduced effects on bi based chalcogenide multilayers thin film	DST-SERC-SC	Sangunni,K.S., Prof. (M) Indian Institute of Science Department of Physics Bengalooru - 560 012 Karnataka	18.11	36
3407	Photometric & spectroscopic study of variable stars & Be stars	DST-SERC-SC	Goraya,P.S., Dr. (M) Punjabi University Department of Physics Patiala - 147 002 Punjab	19.03	36
3408	Physics & modeling of silicon nanophysics devices	DST-SERC-SC	Basu,P.K., Prof. (M) Calcutta University Dept. of Radio Physics & Electronics Kolkata - 700 009 West Bengal	12.88	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (in Months)
3409	Polymeric Gel Electrolytes Based Solid State Redox Supercapacitors Using Composite Conducting Polymer Electrodes	DST-SERC-SC	Hashmi, S.A., Dr. (M) Delhi University Department of Physics & Astrophysics Delhi - 110 007 Delhi	34.45	36
3410	Preparation & characterization of soft magnetic nanocomposite materials	DST-SERC-SC	Chakrabarti, P., Dr. (F) Burdwan University Department of Physics Burdwan - 713 104 West Bengal	32.80	36
3411	Properties of liquid crystal	DST-SERC-SC	Singh, S., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	17.35	36
3412	R & D in photonic Crystal Fibers: Design, fabrication & experimental characterization for applications in optical communications & sensors	DST-SERC-SC	Chaudhuri, P.R., Dr. (M) Indian Institute of Technology (Kh) Department of Physics & Meteorology Kharagpur - 721 302 West Bengal	35.28	36
3413	Relaxation process & Dynamical conductivity in ion conducting materials: Measurements & modeling	DST-SERC-SC	Govindaraj, G., Dr. (M) Pondicherry University Department of Physics Puducherry - 605 014 Puducherry	28.65	36
3414	Semiclassical techniques for many body nuclear system & the role of symmetries	DST-SERC-SC	Malik, S.S., Dr. (M) Guru Nanak Dev University Department of Physics Amritsar - 143 005 Punjab	7.80	36
3415	Soft electrochemical processing of MnAs based nanocomposites for near room temperature magnetic refrigeration	DST-SERC-SC	Pawar, S.H., Dr. (M) Shivaji University Department of Physics Kolhapur - 416 004 Maharashtra	22.80	36
3416	Spectroscopy & decay properties of charm & beauty mesons based on QCD motivated models	DST-SERC-SC	Kumar, P.C.V., Dr. (M) Sardar Patel University Department of Physics Vallabh Vidyanagar - 388 120 Gujarat	8.26	36
3417	Spectroscopy of nuclei close to beta - stability line by using complete & incomplete - fusion & deep - inelastic reactions	DST-SERC-SC	Singh, A.K., Dr. (M) Indian Institute of Technology (Kh) Department of Physics & Meteorology Kharagpur - 721 302 West Bengal	13.00	36
3418	Spectroscopy of nuclei in the mass 80 region	DST-SERC-SC	Sahu, R., Dr. (M) Berhampur University Department of Physics Berhampur - 760 007 Orissa	7.74	36
3419	Spin lifetime in indirect semiconductors	DST-SERC-SC	Venkataraman, V., Dr. (M) Indian Institute of Science Department of Physics Bengalooru - 560 012 Karnataka	55.00	36
3420	Statistical mechanics of force induced transitions in bio-polymers	DST-SERC-SC	Kumar, S., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	21.64	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
3421	Studies of dilute magnetic semiconductors formed by ion implantation & pulsed laser melting	DST-SERC-SC	Dubey,S.K., Dr. (M) Mumbai University Department of Physics Mumbai - 400 098 Maharashtra	8.76	36
3422	Studies of patterns & synchronization in neural using coupled nonlinear oscillators	DST-SERC-SC	Kolwankar,K.M., Dr. (F) Ramnirajan Jhunjhunwala College Department of Physics Mumbai - 400 086 Maharashtra	12.70	36
3423	Study of electron/positron scattering from atoms & molecules	DST-SERC-SC	Jain,A.K., Dr. (M) Moti Lal Nehru College Department of Physics Yamuna Nagar - 135 001 Haryana	8.94	36
3424	Study of high spin states in non - relativistic & relativistic mean field formalism with good rotational symmetry	DST-SERC-SC	Ansari,A., Dr. (M) Institute of Physics Bhubaneswar - 751 006 Orissa	7.48	36
3425	Surface control of nanoscale materials through clean synthesis & characterization	DST-SERC-SC	Tripathi,S.K., Dr. (M) Panjab University Department of Physics Chandigarh - 160 014 Chandigarh	36.08	36
3426	Surface Enhanced Raman Scattering (SERS) studies of substituted methyl-0-nitrophenylsulfides	DST-SERC-SC	Yohannan,P.C., Dr. (M) T.K.M. College of Arts & Science Department of Physics Kollam - 691 005 Kerala	2.00	36
3427	Surface Relief Diffractive optical Elements: Design & Fabrication	DST-SERC-SC	Hazra,L.N., Prof. (M) Calcutta University Dept. of Applied Optics & Photonics Kolkata - 700 009 West Bengal	15.45	36
3428	Symmetry & Integrability of certain Nonlinear Dynamical Systems	DST-SERC-SC	Pandey,S.N., Dr. (M) Motilal Nehru National Institute of Technology Department of Physics Allahabad - 211 004 Uttar Pradesh	5.36	36
3429	Synthesis & ultrasonic characterization of advanced materials	DST-SERC-SC	Yadav,R.R., Dr. (M) Allahabad University Department of Physics Allahabad - 211 003 Uttar Pradesh	10.32	36
3430	Synthesis of doped CuInO ₂ thin films for bipolar conductivity applications	DST-SERC-SC	Mehta,B.R., Dr. (M) Indian Institute of Technology (D) Department of Physics New Delhi - 110 016 Delhi	38.53	36
3431	Synthesis of high performance piezoelectric ceramic & crystals for device fabrication	DST-SERC-SC	Kumar,B., Dr. (M) Delhi University Department of Physics & Astrophysics Delhi - 110 007 Delhi	39.93	36
3432	The study of the physical properties of n-type cadmium selenide thin films, p-n junction transistor & heterojunction photovoltaic cell	DST-SERC-SC	Vishwakarma,S.R., Dr. (M) Dr. R.M.L. Avadh University Department of Physics & Electronics Faizabad - 224 001 Uttar Pradesh	13.57	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
3433	Theoretical investigations in light front field theory	DST-SERC-SC	Misra,A., Dr. (F) Mumbai University Department of Physics Mumbai - 400 098 Maharashtra	15.87	36
3434	Theoretical studies of molecular organization in liquid crystals	DST-SERC-SC	Ojha,D.P., Dr. (M) Andhra Loyola College Department of Physics Vijayawada - 520 008 Andhra Pradesh	9.11	36
3435	Theoretical study of structural electronic properties of metal - oxygen nanoclusters	DST-SERC-SC	Deshpande,M.D., Dr. (M) H.P.T. Arts & R.Y.K. Science College Department of Physics Nasik - 422 005 Maharashtra	15.83	36
3436	Trace Element analysis by Proton Induced X-ray Emission (PIXE) technique in Chandigarh Cyclotron	DST-SERC-SC	Singh,K.P., Dr. (M) Panjab University Department of Physics Chandigarh - 160 014 Chandigarh	21.40	36
3437	Transparent conducting polymer compoisite films for electrode application in opto - electronic & photonic devices	DST-SERC-SC	Pradeep,P., Dr. (M) National Institute of Technology (Kozhikode) Department of Sciences & Humanities Kozhikode - 673 601 Kerala	49.00	36
3438	Tubale microwave material & devices based on photonic band gap structures: Part I development of tunable microwave materials	DST-SERC-SC	James,J., Dr. (M) Regional Research Laboratory Materials Division Thiruvananthapuram - 695 019 Kerala	23.22	36
3439	Tunable microwave materials & devices based on photonic band gap structures	DST-SERC-SC	Mohanam,P., Dr. (M) Cochin University of Science & Technology Department of Electronics Kochi - 682 022 Kerala	29.80	36
3440	Ultra high - resolution retinal imaging of living through adaptive optics	DST-SERC-SC	Nirala,A.K., Dr. (M) Indian School of Mines Department of Applied Physics Dhanbad - 826 004 Jharkhand	39.90	36
3441	Understanding the phase diagrams of quadrupolar molecules	DST-SERC-SC	Singh,R.C., Dr. (M) Hindustan Institute of Technology Department of Physics Greater Noida - 201 306 Uttar Pradesh	8.00	36
3442	Advanced Materials Research Unit	DST-SERC-WOS	Dasgupta,T.S., Dr. (F) Satyendra Nath Bose National Centre for Basic Sciences Department of Material Science Kolkata - 700 098 West Bengal	218.63	36
3443	Determination & modeling of chemical composition of metal - poor star & observational constraints for Galactic chemical evolution	DST-SERC-WOS	Goswami,A., Dr. (F) Indian Institute of Astrophysics Bengalooru - 560 034 Karnataka	21.36	36
3444	Development of Superheated emulsion detector & its applications	DST-SERC-WOS	Das,M., Dr. (F) Saha Institute of Nuclear Physics Nuclear & Atomic Physics Division Kolkata - 700 064 West Bengal	17.22	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (In Months)
3445	Growth & studies of strongly correlated oxide systems	DST-SERC-WOS	Elizabeth,S., Dr. (F) Indian Institute of Science Department of Physics Bengalooru - 560 012 Karnataka	32.52	36
3446	Investigation of Thermodynamic Properties of Manganites	DST-SERC-WOS	Kaur,N., Dr. (F) Indian Institute of Technology (D) Department of Physics, New Delhi - 110 016 Delhi	12.30	36
3447	Investigation on factors affecting nuclear accumulation of DNA studied using an In-house constructed confocal microscope	DST-SERC-WOS	Varier,G.K., Dr. (F) Birla Institute of Technology & Science Zuarinagar - 403 726 Goa	18.90	36
3448	Medium modification of Handrons & effects on experimental observables	DST-SERC-WOS	Bhageerathi,P.C.R., Dr. (F) Indian Institute of Technology (D) Department of Physics New Delhi - 110 016 Delhi	11.46	36
3449	Quantum design ever cool MPMS XL 7 as a National Facility at IIT Delhi	DST-SERC-WOS	Chatterjee,R., Dr. (F) Indian Institute of Technology (D) Department of Physics New Delhi - 110 016 Delhi	296.74	36
3450	Spin dynamics & coherent control in semiconductor quantum dots	DST-SERC-WOS	Sen,P., Dr. (F) Devi Ahilya Vishwavidyalaya School of Physics Indore - 452 001 Madhya Pradesh	15.59	36
3451	Structural study of heavy ions in visible & vacuum ultra violet region	DST-SERC-WOS	Mohammed,S.J.S., Dr. (F) Aligarh Muslim University Department of Physics Aligarh - 202 002 Uttar Pradesh	19.38	36
3452	Studies on laser plasma accelerator	DST-SERC-WOS	Sharma,A., Dr. (F) Indian Institute of Technology (D) Department of Physics New Delhi - 110 016 Delhi	11.28	36
3453	Study of sheath phenomena & instability in post magnetron discharge	DST-SERC-WOS	Kalita,P., Dr. (F) Institute of Advanced Study in Science & Technology Materials Sciences Division Guwahati - 781 035 Assam	10.32	36
3454	Synthesis of electrochromic thin films by spray pyrolysis & pulsed laser deposition techniques	DST-SERC-WOS	Bathe,S.R., Ms. (F) Shivaji University Thin Film Materials Laboratory Kolhapur - 416 004 Maharashtra	4.08	36
3455	Theoretical & observational aspects of dark energy	DST-SERC-WOS	Jassal,H.K., Dr. (F) Harish Chandra Research Institute Allahabad - 211 019 Uttar Pradesh	10.74	36
3456	Design & development of bacteriorhodospin based optical filters for processing medical images	DST-TSD	Sai,S.S.S., Dr. (M) Sri Sathya Sai Institute of Higher Learning Anantapur - 515 134 Andhra Pradesh	16.80	24
3457	Development of DNA Biosensor: Phase II	DST-TSD	Malhotra,B.D., Dr. (M) Scientist National Physical Laboratory New Delhi - 110 012 Delhi	23.32	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.In Lakhs)	Duration (in Months)
3458	Development of Electrolytical methods for pesticides analysis	DST-TSD	Chandrashekhara, M., Dr. (M) Centre for Electrochemical & Energy Research Karaikudi - 630 006 Tamil Nadu	16.91	36
3459	Ion Beams for Materials Engineering & Nanostructuring	DST-USERS	Mehta, G.K., Dr. (M) Inter University Accelerator Centre New Delhi - 110 067 Delhi	3.59	24
3460	Photonic, principles & applications	DST-USERS	Acharya, H.N., Dr. (M) Engineering College Bikaner - 334 004 Rajasthan	3.59	24
3461	Principles & applications of Quantum Chemistry	DST-USERS	Gupta, V.P., Prof. (M) Lucknow University Department of Physics Lucknow - 226 007 Uttar Pradesh	3.59	24
3462	Problems & solutions in photonics & optics	DST-USERS	Ghatak, A., Dr. (M) Indian Institute of Technology (D) Department of Physics New Delhi - 110 016 Delhi	3.59	24
3463	Scientific Humanism: Repositioning Indian Education	DST-USERS	Ahmed, F., Dr. (M) Delhi University Department of Physics & Astrophysics Delhi - 110 007 Delhi	3.59	24
3464	Development of machine learning tools for Astronomy research	ISRO-RESPOND	Philip, N.S., Dr. (M) St. Thomas College Pala - 686 574 Kerala	11.79	36
3465	Hematite water systems on Mars & its possible role in Chemical evaluation	ISRO-RESPOND	Kamalaudhin, Dr. (M) Indian Institute of Technology (R) Roorkee - 247 667 Uttarakhand	24.70	36
3466	Interpretation of the observed extinction in the optical UV region from TAUVEK & Astrosat UVIT satellite data base	ISRO-RESPOND	Gupta, R., Dr. (M) Inter University Centre for Astronomy & Astrophysics Pune - 411 007 Maharashtra	8.19	36
3467	Investigation of heat transfer phenomenon at high flux nucleate flow boiling	ISRO-RESPOND	Rajavansi, A.K., Dr. (M) Malaviya National Institute of Technology Jaipur - 302 017 Rajasthan	8.00	24
3468	MST Radar Observations of meteors & investigation of equatorial E-regions electrodynamics	ISRO-RESPOND	Lokanatham, B., Prof. (M) Church Institute of Technology Hyderabad Andhra Pradesh	3.07	12
3469	Non-linear stability of L4 in the circular & elliptic restricted three body problem were radiated access symmetric rigid primaries with resonances	ISRO-RESPOND	Agarwal, R., Mr. (M) Shri Aurobindo College New Delhi - 110 017 Delhi	2.00	24
3470	On the application of wave length analysis to identify geo-magnetic jerks in the long period global magnetic	ISRO-RESPOND	Chandrasekhar, E., Dr. (M) Indian Institute of Technology (B) Mumbai - 400 076 Maharashtra	17.30	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. in Lakhs)	Duration (in Months)
3471	Optical spectroscopic study of Polycyclic Aromatic Hydrocarbon (PAH) stars	ISRO-RESPOND	Rastogi, S., Dr. (M) Deendayal Upadhyaya University of Gorakhpur Gorakhpur - 273 009 Uttar Pradesh	10.57	36
3472	Studies of ionospheric & magnetospheric interaction: Role of dust due to meteor showers & Kelvin - Helmholtz instability on the ground magnetic field variations	ISRO-RESPOND	Narsale, A.M., Prof. (M) Mumbai University Mumbai - 400 098 Maharashtra	9.30	36
3473	Crystallization & Biomineralization under Microgravity	ISRO-SSP	Ravishankar, N., Dr. (M) Indian Institute of Science Material Research Centre Bengalooru - 560 012 Karnataka	8.61	24
3474	National Electromagnetic Levitation Facility at IIT (M), Chennai	ISRO-SSP	Phanikumar, G., Dr. (M) Assistant Professor Indian Institute of Technology (M) Dept. of Metallurgical & Materials Engg. Chennai - 600 036 Tamil Nadu	7.00	24
3475	Numerical & Experimental study of Droplet Combustion under Normal & Microgravity conditions	ISRO-SSP	Mishra, D.P., Dr. (M) Assistant Professor Indian Institute of Technology (K) Department of Aerospace Kanpur - 208 016 Uttar Pradesh	18.63	36
3476	Accelerating Universe & its observational signatures	UGC-MJRP	Sen, A.A., Dr. (M) Jamia Millia Islamia Department of Physics New Delhi - 110 025 Delhi	5.61	36
3477	Application of different reference systems to estimate various physical properties of some transition & Rare Earth Liquid Metals using pseudopotential theory	UGC-MJRP	Thakor, P.B., Dr. (M) Veer Narmad South Gujarat University Department of Physics Surat - 395 007 Gujarat	6.06	36
3478	Characterization of Nano-ferties powder synthesised by laser ablation	UGC-MJRP	Gopal, R., Prof. (M) Allahabad University Department of Physics Allahabad - 211 002 Uttar Pradesh	11.99	36
3479	Development of nano magnetic materials to store digital data	UGC-MJRP	Mohammed, E.M., Dr. (M) Maharaja's College Department of Physics Ernakulam - 682 011 Kerala	8.35	36
3480	Development of pure & doped metal oxide nano materials	UGC-MJRP	Rajendran, K.V., Dr. (M) Presidency College Department of Physics Chennai - 600 005 Tamil Nadu	8.72	36
3481	Dielectric study for the investigation of heterogeneous interaction behaviour of Hydroxyl & Amino groups in binary & ternary mixtures of polar liquids	UGC-MJRP	Sengwa, R.J., Dr. (M) Jai Narain Vyas University Department of Physics Jodhpur - 342 005 Rajasthan	7.27	36
3482	Effects of 8 MeV electron irradiation on the physical & mechanical properties of commercial silk fibers	UGC-MJRP	Sangappa, Mr. (M) Mangalore University Department of Physics Mangal Gangotri - 574 199 Karnataka	5.92	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (In Months)
3483	Electronic structure studies of technologically important materials by - Compton spectroscopy	UGC-MJRP	Sharma, B.K., Dr. (M) Rajasthan University Department of Physics Jaipur - 302 001 Rajasthan	11.98	36
3484	Emission characteristics of Neodymium doped glasses & glass - ceramics for efficient laser action	UGC-MJRP	Moorthy, L.R., Dr. (M) Sri Venkateswara University Department of Physics Tirupati - 517 502 Andhra Pradesh	11.91	36
3485	Experimental & theoretical study of acoustic transport & thermodynamic properties of amides & amino acids	UGC-MJRP	Awasthi, A., Dr. (M) Lucknow University Department of Physics Lucknow - 226 007 Uttar Pradesh	10.05	36
3486	Fabrication characterization & NLO studies of substituted polymer/ fullerene based bulk heterojunction Nano-scale Organic solar cells	UGC-MJRP	Chandrasekaran, J., Dr. (M) Sri Ramakrishna Mission College of Arts & Science Department of Physics Coimbatore - 641 020 Tamil Nadu	10.16	36
3487	Fabrication of Nanocrystalline semiconducting oxide pellets & films & study of their sensitivity to humidity & their application in humidity sensor	UGC-MJRP	Shukla, R.K., Dr. (M) Lucknow University Department of Physics Lucknow - 226 007 Uttar Pradesh	8.50	36
3488	First Principles computation of phonons in noble nitrides at high pressure	UGC-MJRP	Jha, P.K., Dr. (M) Bhavnagar University Department of Physics Bhavnagar - 364 002 Gujarat	5.70	36
3489	Growth & characterization of some TMDC compound semiconductor thin films for their application in the Schottky barrier devices	UGC-MJRP	Patel, K.D., Dr. (M) Sardar Patel University Department of Physics Vallabh Vidyanagar - 388 120 Gujarat	8.78	36
3490	Growth & characterization of Bi ₂ Se ₃ single crystals by vapour phase technique & its application for thermoelectric device	UGC-MJRP	Deshpande, M.P., Dr. (M) Sardar Patel University Department of Physics Vallabh Vidyanagar - 388 120 Gujarat	10.22	36
3491	Investigation of pyroelectric & piezoelectric properties polymer - ceramic composites	UGC-MJRP	Sharma, G.D., Prof. (M) Jai Narain Vyas University Department of Physics Jodhpur - 342 001 Rajasthan	5.96	36
3492	Investigation on fluorescence quenching in polymers & polymer lasers	UGC-MJRP	Baruah, G.D., Dr. (M) Dibrugarh University Department of Physics Dibrugarh - 786 004 Assam	6.10	36
3493	Investigation on optical properties of Si-ZnO Nanocomposites	UGC-MJRP	Kant, C.R., Dr. (M) Indira Gandhi Institute of Technology Department of Applied Science Delhi - 110 006 Delhi	8.51	36
3494	Investigations on Amino acid based NiO materials for photonics device fabrication	UGC-MJRP	Madhavan, J., Dr. (M) Loyola College Department of Physics Chennai - 600 034 Tamil Nadu	7.76	36

BROAD SUBJECT AREA : PHYSICAL SCIENCES

Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs. In Lakhs)	Duration (in Months)
3495	Investigations on relaxation & hopping process in ion conducting solids	UGC-MJRP	Govindaraj, G., Dr. (M) Pondicherry University Department of Physics Puducherry - 605 014 Puducherry	8.24	36
3496	Nanocrystalline porous silicon for optical biosensing	UGC-MJRP	Rath, S., Dr. (M) Delhi University Department of Physics Delhi - 110 007 Delhi	7.48	36
3497	Non - Invasive detection of blood glucose/Urea using optical low coherence reflectometry	UGC-MJRP	Sen, P., Prof. (F) Devi Ahilya Vishwavidyalaya Department of Physics Indore - 452 001 Madhya Pradesh	11.94	36
3498	Pressure effect on manganites under low temperature & high magnetic field	UGC-MJRP	Arumugam, S., Dr. (M) Bharathidasan University Department of Physics Tiruchirappalli - 620 024 Tamil Nadu	11.14	36
3499	Role of hydrogen in electrical optical & magnetic properties of multilayer nanostructured diluted magnetic semiconductors	UGC-MJRP	Singh, M., Dr. (M) Rajasthan University Department of Physics Jaipur - 302 004 Rajasthan	7.51	36
3500	Structure dielectric behaviour & impedance spectroscopy of mixed transition metal/alkali oxide glasses	UGC-MJRP	Sanghi, S., Dr. (F) Guru Jambheshwar University of Science & Technology Department of Physics Hisar - 125 001 Haryana	9.83	36
3501	Study of Mechanical alloyed magnetic heterogeneous systems	UGC-MJRP	Bhowmik, R.N., Dr. (M) Pondicherry University Department of Physics Puducherry - 605 014 Puducherry	10.56	36
3502	Study of optical non-linearity in chalcogenide glasses used in opto-electronic devices	UGC-MJRP	Tripathi, S.K., Dr. (M) Panjab University Department of Physics Chandigarh - 160 014 Chandigarh	6.06	36
3503	Synthesis & Characterization of Multi-Component Chalcogenide glasses	UGC-MJRP	Singh, K., Dr. (M) Banaras Hindu University Department of Physics Varanasi - 221 005 Uttar Pradesh	11.83	36
3504	Synthesis & characterization of WO Nanomaterials & their applications for toxic gas & Humidity sensing	UGC-MJRP	Pandey, N.K., Dr. (M) Lucknow University Department of Physics Lucknow - 226 007 Uttar Pradesh	7.18	36
3505	Synthesis of lead free piezoelectric materials from Nanoceramic powders	UGC-MJRP	Singh, K.C., Dr. (M) Sri Venkateswara College Dept. of Physics (Material Science) New Delhi - 110 021 Delhi	9.85	36
3506	The studies of high Qm PZT based materials from the point of view of transformer application	UGC-MJRP	Sharma, H., Dr. (M) Veer Kunwar Singh University Department of Physics Arrah - 802 301 Bihar	7.84	36

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Record No.	Project Title	Funding Agency - Scheme	Name, Gender (M / F), Complete Address of Investigator/ Institute	Cost (Rs.in Lakhs)	Duration (in Months)
3507	Theoretical study of molecular clustering for interpretation of dielectric relaxation in polar liquids	UGC-MJRP	Lone,B.G., Dr. (M) Vasantrao Naik Mahavidyalaya Department of Physics, Vaijapur Aurangabad - 423 701 Maharashtra	11.98	36
3508	Thermal conductivity of Nanofluids	UGC-MJRP	Srivastava,S., Dr. (F) Panjab University Department of Physics Chandigarh - 160 014 Chandigarh	6.69	36
3509	Thermodynamic, optical & electrical properties of Twisted Grain Boundary (TGB) phases	UGC-MJRP	Singh,A.K., Dr. (M) Ewing Krishnan College Department of Physics Allahabad - 211 003 Uttar Pradesh	11.71	36
3510	Unidirectional growth & doped L- Arginine family single crystals by novel solution growth method & their characterization	UGC-MJRP	Babu,R.R., Dr. (M) Bharathidasan University Department of Physics Tiruchirappalli - 620 024 Tamil Nadu	10.70	36
3511	Utilization of fly ash in ceramic system & characterization of its properties	UGC-MJRP	Das,S., Dr. (M) Jadavpur University Department of Physics Kolkata - 700 032 West Bengal	5.96	36
3512	Vapour growth & characterization of group III - VI semiconducting crystals	UGC-MJRP	Kunjomana,A.G., Dr. (M) Christ College Department of Physics Bengalooru - 560 029 Karnataka	11.79	36
3513	Development of interactive Computer programs for Teaching Physics	UGC-MNRP	Thiruvikraman,P.K., Mr. (M) Birla Institute of Technology & Science Department of Physics Pilani - 333 031 Rajasthan	0.98	24
3514	Optoelectronics digital Refractometer	UGC-MNRP	Srivastava,A., Dr. (M) Lucknow University Department of Physics Lucknow - 226 007 Uttar Pradesh	0.90	24
3515	Study of incompressible hydrodynamic flows under thermal fields	UGC-MNRP	Sivakumar,R., Mr. (M) Pondicherry University Department of Physics Puducherry - 605 014 Puducherry	1.00	24
Total Cost of 324 Projects Under: <i>Physical Sciences</i>				13,653.67	

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INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2007-08)
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S. N	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakhs)	Order*
1	A.N. College	1	10.34	648
2	A.R. College of Pharmacy & G.H. Patel Institute of Pharmacy	1	7.60	723
3	A.V.K. College for Women	1	5.30	785
4	Abasaheb Garware College	1	21.45	439
5	Acharya N.G. Ranga Agricultural University	1	19.14	472
6	Acharya Narendra Dev College	1	7.57	726
7	Adhiyamaan College of Engineering	1	9.00	684
8	Advanced Centre for Treatment Research & Education in Cancer	11	246.85	100
9	Agarkar Research Institute	6	473.23	55
10	Agricultural College & Research Institute	1	5.53	780
11	Agricultural Research Station	1	15.30	535
12	Agricultural Sciences University	13	363.53	72
13	Ahmedabad Textile Industry's Research Association	1	6.00	770
14	Ahmednagar College	3	33.91	358
15	Alagappa University	8	120.81	154
16	Al-Ameen College of Pharmacy	1	10.00	657
17	Aligarh Muslim University	28	419.42	58
18	All India Institute of Medical Sciences	71	3197.84	9
19	Allahabad University	12	138.61	139
20	Amala Cancer Hospital & Research Centre	1	9.59	670
21	Amity Institute of Biotechnology	2	20.87	445
22	Amity Institute of Forensic Sciences	1	10.90	630
23	Amity Institute of Herbal & Microbial Studies	1	20.77	447
24	Amity University	2	31.24	368
25	Amrita Institute of Medical Sciences & Research Centre	1	19.28	467
26	Amrita Vishwa Vidyapeetham	2	497.66	50
27	Anand Agricultural University	2	90.37	193
28	Anbil Dharmalingam Agricultural College & Research Institute	1	8.46	698
29	Andhra Loyola College	4	42.65	318
30	Andhra University	14	213.22	108
31	Anjuman Arts, Science & Commerce College	1	7.25	730
32	Ankur Seeds Private Limited	1	6.50	752
33	Anna University	31	1630.74	20
34	Annamalai University	21	263.34	97
35	Appropriate Rural Technology Institute	2	9.95	660
36	Aravind Eye Hospital & Postgraduate Institute of Ophthalmology	1	4.86	803
37	Aravind Medicinal Research Foundation	1	19.41	465
38	Armed Forces Medical College	1	36.89	345
39	Army Hospital (Research & Referral)	2	88.94	198
40	Arogyadham Deendayal Research Institute	1	5.80	776
41	Aryabhatta Research Institute of Observational Sciences	2	2706.00	12
42	Ashoka Trust for Research in Ecology & the Environment	1	22.39	432
43	Assam Agricultural University	2	126.66	150
44	Assam Electronics Development Corporation Ltd.	1	306.50	81
45	Assam Engineering College	6	60.55	252
46	Assam University	1	15.83	525
47	Avinashilingam Institute for Home Science & Higher Education for Women	4	9.17	678
48	Awadhesh Pratap Singh University	1	12.56	597
49	Ayurvet Limited	1	36.29	350
50	Ayya Nadar Janaki Ammal College	2	10.79	636
51	B.M. Birla Science Centre	1	11.40	624
52	B.M.S. College of Engineering	1	6.50	754
53	B.V. Patel Pharmaceutical Education & Research Development Centre	2	62.19	247
54	B.V.B. College of Engineering & Technology	2	13.75	573
55	Baba Banda Singh Bahadur Engineering College	3	38.35	334
56	Baba Ghulam Shah Badshah University	1	20.40	450
57	Babasaheb Bhimrao Ambedkar University	1	14.04	565
58	Ballygunge Science College	1	11.09	627
59	Banaras Hindu University	80	2841.60	10
60	Banasthali Vidyapeeth	2	147.65	133
61	Bangalore Institute of Technology	1	6.90	740
62	Bangalore Medical College & Victoria Hospital	1	15.01	544
63	Bangalore University	14	228.94	102
64	Bannari Amman Institute of Technology	6	49.90	295
65	Bapuji Institute of Engineering & Technology	2	14.50	555
66	Barkatullah Vishwavidyalaya	4	40.80	322
67	Basaveshwar Engineering College	4	36.69	346
68	Baselios Poulose II Catholics College	1	6.09	766
69	Beant College of Engineering & Technology	1	10.00	658

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2007-08)

S. N	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakhs)	Order*
70	Bengal College of Engineering & Technology	1	6.50	753
71	Bengal Engineering & Science University	15	289.40	86
72	Berhampur University	1	7.74	719
73	Bhabha Atomic Research Centre	4	36.47	348
74	Bhagvan Mahavir Hospital	1	6.04	767
75	Bhagwan Mahavir Medical Research Centre	1	6.25	762
76	Bharathiar University	13	95.04	184
77	Bharathidasan University	25	525.52	45
78	Bharati Vidyapeeth	1	28.67	381
79	Bharati Vidyapeeth's College of Pharmacy	1	10.79	637
80	Bharati Vidyapeeth's Institute of Management & Research	1	8.15	709
81	Bhavnagar University	2	18.11	492
82	Bidhan Chandra Krishi Vishwavidyalaya	3	19.74	459
83	Bidhannagar College	1	8.35	704
84	Bihar Veterinary College	1	12.16	606
85	Biotech Park	1	23.74	415
86	Birbal Sahni Institute of Palaeobotany	1	25.55	401
87	Birla College of Arts, Science & Commerce	2	19.65	460
88	Birla Institute of Management Technology	1	4.97	799
89	Birla Institute of Technology	16	109.90	171
90	Birla Institute of Technology & Science	15	219.82	105
91	Blue Peter Research Centre	1	11.40	625
92	Bombay College of Pharmacy	6	93.79	186
93	Bombay Natural History Society	1	8.64	692
94	Bombay Textile Research Association	2	23.90	413
95	Bombay Veterinary College	1	13.42	581
96	Bose Institute	16	524.45	46
97	Brahmanand Keshab Chandra College	1	53.10	278
98	Bundelkhand Institute of Engineering & Technology	1	3.75	814
99	Bundelkhand University	2	15.46	532
100	Burdwan University	7	95.60	183
101	C. Abdul Hakeem College	5	91.02	191
102	C.H.C.	1	10.73	641
103	C.U. Shah College of Pharmacy	3	34.24	357
104	C.V.R. College of Engineering	1	13.60	577
105	Cadila Pharmaceuticals Ltd.	1	702.00	36
106	Calcutta University	24	364.29	71
107	Calicut University	2	27.08	394
108	Career Institute of Technology & Management	2	14.00	567
109	CellMax Pharma Pvt. Ltd.	1	434.00	56
110	Central Agricultural Research Institute	2	65.83	238
111	Central Coffee Research Institute	1	6.81	745
112	Central Coir Research Institute	1	17.14	510
113	Central Drug Research Institute	2	42.06	319
114	Central Electrochemical Research Institute	6	114.58	164
115	Central Electronics Engineering Research Institute	5	317.42	79
116	Central Food Technological Research Institute	12	239.62	101
117	Central Glass & Ceramic Research Institute	18	1299.25	23
118	Central Institute for Cotton Research	2	49.68	296
119	Central Institute for Research on Buffaloes	1	67.13	235
120	Central Institute of Arid Horticulture	1	13.32	586
121	Central Institute of Brackishwater Aquaculture	4	116.03	160
122	Central Institute of Fisheries Education	2	50.71	289
123	Central Institute of Freshwater Aquaculture	4	142.63	137
124	Central Institute of Medicinal & Aromatic Plants	1	17.48	503
125	Central Institute of Mining & Fuel Research	2	488.19	54
126	Central Institute of Plastics Engineering & Technology	3	53.02	280
127	Central Institute of Road Transport	2	50.60	290
128	Central Jalma Institute for Leprosy	1	18.00	496
129	Central Leather Research Institute	9	147.42	134
130	Central Marine Fisheries Research Institute	3	93.62	187
131	Central Mechanical Engineering Research Institute	2	57.12	265
132	Central Mining Research Institute	2	55.96	269
133	Central Potato Research Institute	2	57.89	262
134	Central Power Research Institute	1	19.89	456
135	Central Pulp & Paper Research Institute	4	83.56	205
136	Central Research Institute for Dryland Agriculture	2	24.81	408
137	Central Research Institute of Unani Medicine	1	322.00	77
138	Central Road Research Institute	1	8.40	700

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2007-08)				
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S. N	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakhs)	Order*
139	Central Salt & Marine Chemicals Research Institute	9	120.08	156
140	Central Scientific Instruments Organisation	2	71.37	224
141	Central Tasar Research & Training Institute	1	19.58	461
142	Central Tuber Crops Research Institute	3	55.81	270
143	Centre at Action Research for SE Development	1	18.60	481
144	Centre for Atmospheric & Oceanic Sciences & Mechanical Engineering	1	11.88	613
145	Centre for Cellular & Molecular Biology	13	6410.76	2
146	Centre for Conservation & Utilization of Blue Green Algae	1	24.32	410
147	Centre for Development of Advanced Computing(C-DAC)	7	2260.61	16
148	Centre for DNA Fingerprinting & Diagnostics	4	82.63	208
149	Centre for Electrochemical & Energy Research	1	16.91	512
150	Centre for Energy & Environment Science & Technology	1	54.70	273
151	Centre for Environmental Management of Degraded Ecosystem	1	18.91	475
152	Centre for Liquid Crystal Research	3	51.90	285
153	Centre for Materials for Electronics Technology(C-MET)	6	583.98	41
154	Centre for Mathematical Modelling & Computer Simulation	1	16.35	519
155	Centre for Research & Training in Informatics	1	250.00	98
156	Centre for Research in Medical Entomology	1	13.24	588
157	Centre for Research in Mental Retardation	1	14.85	552
158	Centre for Rheumatic Diseases	1	20.86	446
159	Centre for Water Resources Development & Management	1	3.43	821
160	Centre for Wildlife Studies	1	23.00	421
161	Centre of Cryogenic Technology	1	9.73	666
162	Centre of Plasma Physics	1	27.51	388
163	Ch. Charan Singh Haryana Agricultural University	4	71.50	223
164	Ch. Charan Singh University	3	64.70	242
165	Ch. Sarwan Kumar Himachal Pradesh Krishi Viswavidyalaya	6	92.39	188
166	Chandra Shekhar Azad University of Agriculture & Technology	1	12.65	594
167	Chembiotek Research International Pvt. Ltd.	1	1100.00	28
168	Chhatrapati Sahuji Maharaj Medical University	8	131.24	147
169	Chhatrapati Shahu Ji Maharaj University	3	42.78	316
170	Chittaranjan National Cancer Research Centre	5	132.27	145
171	Choithram Hospital & Research Centre	1	12.97	592
172	Christ College	1	11.79	616
173	Christian Medical College & Hospital	11	392.34	64
174	Church Institute of Technology	1	3.07	824
175	Cochin University of Science & Technology	14	423.08	57
176	Coimbatore Institute of Technology	3	29.70	374
177	College of Agriculture	5	59.67	257
178	College of Arts, Commerce & Science	1	8.40	699
179	College of Basic Science & Humanities	1	4.95	801
180	College of Commerce	1	5.15	789
181	College of Engineering	11	120.70	155
182	College of Fisheries	2	52.48	282
183	College of Medical Sciences	1	14.11	564
184	College of Pharmacy	1	8.50	696
185	College of Technology & Engineering	1	4.60	806
186	College of Veterinary Science & Animal Husbandry	1	18.03	494
187	College of Veterinary Sciences	1	13.45	579
188	Confederation of Indian Industries	1	50.00	294
189	Crescent Engineering College	1	3.00	825
190	D.A.V. College	2	15.13	541
191	D.B.S. (P.G.) College	1	8.34	705
192	D.G. Ruparel College of Arts, Science & Commerce	1	17.99	497
193	D.K.T.E's Textile & Engineering Institute	1	14.21	562
194	D.N. (P.G.) College	1	4.00	812
195	D.S. College	1	42.69	317
196	D.S. College of Pharmacy	1	15.36	533
197	D.Y. Patil University	1	22.73	426
198	Dalmia Institute of Scientific & Industrial Research	1	25.47	402
199	Dayal Bagh Educational Institute	5	89.80	194
200	Dayal Singh College	1	5.80	775
201	Dayanand Medical College & Hospital	1	18.58	484
202	Dayanand Sagar College of Engineering	1	6.90	743
203	Deccan College of Medical Sciences	1	6.48	755
204	Deccan Development Society	1	9.55	673
205	Deenbandhu Chhotu Ram University of Science & Technology	1	19.99	452
206	Deendayal Upadhyaya University of Gorakhpur	8	73.75	220
207	Defence Institute of Advanced Technology (DIAT)	1	2.22	842

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2007-08)				
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S. N	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakhs)	Order*
208	Delhi College of Engineering	3	50.58	291
209	Delhi Institute of Pharmaceutical Sciences & Research	1	12.20	605
210	Delhi University	51	1301.39	22
211	Department of Science & Technology	2	492.20	52
212	Derrang College	1	11.76	617
213	Desert Medicine Research Centre	1	33.59	360
214	Devi Ahilya Vishwavidyalaya	6	100.73	180
215	Dhemaji College	1	10.87	633
216	Dhirubhai Ambani Institute of Information & Communication & Technology	1	6.01	768
217	Dibrugarh University	7	56.57	268
218	Directorate of Industries	1	18.00	495
219	Directorate of Oilseeds Research	4	132.39	144
220	Directorate of Rice Research	1	22.80	425
221	Disha Institute of Management & Technology	1	14.99	548
222	District Hospital	1	18.58	482
223	Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences	4	47.79	300
224	Dr. Ambedkar Institute of Technology	2	18.34	486
225	Dr. B.C. Roy Engineering College	1	5.82	773
226	Dr. B.R. Ambedkar Centre for Biomedical Research	4	53.05	279
227	Dr. Babasaheb Ambedkar College	1	8.30	707
228	Dr. Babasaheb Ambedkar Marathwada University	11	131.57	146
229	Dr. Harisingh Gaur Vishwavidyalaya	3	37.21	343
230	Dr. Mahalingam College of Engineering & Technology	2	11.05	628
231	Dr. R.M.L. Avadh University	3	25.12	405
232	Dr. Vikram A. Sarabhai Community Science Centre	1	22.87	423
233	Dr. Y.S. Parmar University of Horticulture & Forestry	5	130.94	148
234	Dravidian University	1	4.60	805
235	East Calcutta Girl's College	1	5.22	786
236	Easwari Engineering College	1	8.00	712
237	Eddy Current Controls (I) Limited	1	27.50	389
238	Electrical Research & Development Association	1	25.82	400
239	Energy Research Application	1	8.00	711
240	Engineering College	3	17.19	507
241	ER & DCI Institute of Technology	1	10.20	652
242	Era's Lucknow Medical College & Hospital	1	3.59	819
243	Ewing Christian College	1	20.00	451
244	Ewing Krishnan College	1	11.71	618
245	Fakir Mohan University	2	12.35	602
246	Father Muller Medical College	1	17.33	504
247	Federation of Organization for Research & Development	1	9.58	672
248	Fergusson College	1	23.63	416
249	Fetal Care Research Foundation	1	47.48	302
250	Fisheries College & Research Institute	2	77.90	214
251	Forest College & Research Institute	1	15.01	546
252	Foundation for Ecological Research, Advocacy & Learning	1	19.96	453
253	G.B. Pant Hospital	4	65.65	239
254	G.B. Pant Institute of Himalayan Environment & Development	4	67.60	234
255	G.B. Pant University of Agriculture & Technology	4	50.98	288
256	G.G.D.S.D. College	5	40.41	325
257	G.H. Raisoni College of Engineering	2	12.30	603
258	G.S.V.M. Medical College	1	2.70	837
259	G.T. Patil College	1	12.54	598
260	G.T.N. Arts College	1	4.97	800
261	G.V.M.G. College	2	18.87	476
262	Gandhigram Rural Institute	2	14.35	559
263	Ganesh Scientific Research Foundation	1	37.87	336
264	Gargi College	1	10.86	634
265	Gauhati Medical College & Hospital	2	27.31	391
266	Gauhati University	5	145.12	136
267	Geological Society of India	1	9.87	662
268	Geological Survey of India	2	10.20	651
269	Giani Zail Singh College of Engineering & Technology	1	32.66	365
270	Goa Medical College	1	2.70	838
271	Goa University	9	133.45	142
272	Gokaraju Rangaraju Institute of Engineering & Technology	1	6.88	744
273	Government (P.G.) College	1	5.98	772
274	Government Autonomous Science College	1	16.08	521
275	Government College of Engineering	2	9.40	675
276	Government College of Engineering & Ceramic Technology	1	5.75	778

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2007-08)				
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S. N	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakhs)	Order*
277	Government College of Engineering & Leather Technology	3	16.07	522
278	Government Medical College	1	6.29	761
279	Government Medical College & S.M.G.S.Hospital	1	2.70	839
280	Government Raza (P.G.) College	1	10.66	642
281	Government V.Y.T. (P.G.) College	1	24.23	411
282	Government Zirtiri Residential Science Cpllege	1	48.42	298
283	Gujarat Cancer & Research Institute	1	12.56	596
284	Gulbarga University	7	113.01	166
285	Guru Govind Singh Indraprastha University	5	370.85	69
286	Guru Jambheshwar University of Science & Technology	10	83.22	206
287	Guru Nanak Dev Engineering College	2	15.85	524
288	Guru Nanak Dev University	19	281.56	90
289	Gurudas College	1	10.87	632
290	Gurukula Kangri Vishwavidyalaya	2	29.34	377
291	Guruvayurappan College	1	5.00	795
292	H.P.T. Arts & R.Y.K. Science College	1	15.83	527
293	Haldia Institute of Technology	1	5.22	788
294	Harcourt Butler Technological Institute	1	13.80	571
295	Harish Chandra Research Institute	1	10.74	640
296	Haryana Engineering College	1	14.95	550
297	Hemchandracharya North Gujarat Univesity	1	0.94	854
298	Hemwati Nandan Bahuguna Garhwal University	6	59.94	256
299	Heritage Institute of Technology	1	9.86	663
300	Himachal Pradesh University	3	58.96	259
301	Himalayan Pharmacy Institute	5	51.25	287
302	Hindustan College of Engineering	3	27.13	393
303	Hindustan Institute of Technology	1	8.00	715
304	Hislop College	1	15.48	531
305	Holy Cross College	1	5.81	774
306	Horticultural College & Research Institute	1	17.70	500
307	Hyderabad Eye Research Foundation	1	9.59	671
308	Hyderabad University	39	5734.12	4
309	I.I.S.T.	1	7.20	733
310	I.S.F. College of Pharmacy	1	19.87	457
311	Illadevi Cataract & IOL Research Centre	1	37.36	341
312	Imphal College	1	4.00	811
313	Indian Agricultural Research Institute	15	369.36	70
314	Indian Agricultural Statistics Research Institute	1	15.25	536
315	Indian Association for the Cultivation of Science	15	334.77	75
316	Indian Council of Medical Research	4	264.66	96
317	Indian Institute of Advanced Research	2	45.16	310
318	Indian Institute of Astrophysics	5	69.55	227
319	Indian Institute of Chemical Biology	7	102.31	179
320	Indian Institute of Chemical Technology	26	640.49	38
321	Indian Institute of Geomagnetism	1	12.12	607
322	Indian Institute of Horticulture Research	5	112.72	167
323	Indian Institute of Integrative Medicine	1	400.00	61
324	Indian Institute of Management (B)	2	13.36	584
325	Indian Institute of Management (K)	1	50.24	292
326	Indian Institute of Petroleum	5	73.86	219
327	Indian Institute of Pulses Research	2	15.33	534
328	Indian Institute of Science	87	6070.46	3
329	Indian Institute of Science Education & Research	4	89.08	197
330	Indian Institute of Technology (B)	49	2432.25	15
331	Indian Institute of Technology (D)	65	3868.92	6
332	Indian Institute of Technology (G)	36	905.85	31
333	Indian Institute of Technology (K)	59	2121.84	17
334	Indian Institute of Technology (Kh)	82	3447.31	8
335	Indian Institute of Technology (M)	67	4816.25	5
336	Indian Institute of Technology (R)	34	1165.02	25
337	Indian Institute of Toxicology Research	3	33.88	359
338	Indian Institute of Tropical Meteorology	3	39.30	328
339	Indian Institute of Vegetable Research	1	59.08	258
340	Indian Meteorological Department	1	1.17	851
341	Indian Research Institute for Integrated Medicine	1	6.46	758
342	Indian School of Mines	14	182.44	115
343	Indian Statistical Institute	6	247.38	99
344	Indian Veterinary Research Institute	6	170.11	121
345	Indigene Pharmaceuticals Pvt. Ltd.	1	1495.00	21

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2007-08)				
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S. N	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakhs)	Order*
346	Indira Gandhi Agricultural University	2	34.28	356
347	Indira Gandhi Institute of Technology	3	20.51	449
348	Indira Gandhi National Open University	1	7.14	734
349	Indo-US Science & Technology Forum	1	1650.00	19
350	Industrial Toxicology Research Centre	7	167.64	123
351	Innovassynth Technologies (I) Ltd.	1	500.00	49
352	Insect Biopesticide Research Centre	1	3.59	818
353	Institute for Development & Research in Banking Technology	1	68.50	229
354	Institute for Herbal & Biotech Product Development	1	18.70	479
355	Institute of Advanced Study in Science & Technology	3	45.90	307
356	Institute of Agricultural Sciences	2	40.65	323
357	Institute of Bioinformatics & Applied Biotechnology	1	13.47	578
358	Institute of Bioresources & Sustainable Development	2	116.56	159
359	Institute of Cytology & Preventive Oncology	2	60.29	253
360	Institute of Engineering & Technology	1	8.63	694
361	Institute of Genetic Engineering	1	20.76	448
362	Institute of Genetics & Hospital for Genetics Disease	1	22.84	424
363	Institute of Genomics & Integrative Biology	4	116.99	157
364	Institute of Himalayan Bioresource Technology	6	283.86	88
365	Institute of Human Behaviour & Allied Sciences	1	10.75	639
366	Institute of Immunohaematology	1	12.10	608
367	Institute of Life Sciences	3	61.09	250
368	Institute of Management & Technology	2	40.00	327
369	Institute of Management Studies	1	7.50	728
370	Institute of Mathematical Sciences	3	26.97	395
371	Institute of Mathematics & Applications	1	10.26	650
372	Institute of Mental Health	1	37.10	344
373	Institute of Mental Health & Hospital	1	9.06	682
374	Institute of Microbial Technology	5	182.62	114
375	Institute of Minerals & Materials Technology	5	67.04	236
376	Institute of Nuclear Medicine & Allied Sciences	2	38.53	333
377	Institute of Obstetrics & Gynaecology & Government Hospital for Women & Ch	2	2.89	830
378	Institute of P.G. Medical Education & Research & S.S.K.M. Hospital	2	46.85	304
379	Institute of Pathology	5	142.09	138
380	Institute of Physics	2	22.72	427
381	Institute of Road & Transport Technology	1	5.04	790
382	Institute of Technology & Management	2	21.50	437
383	Institute of Wood Science & Technology	2	21.76	436
384	Integrated Research & Action for Development	1	23.05	420
385	Inter University Accelerator Centre	3	50.19	293
386	Inter University Centre for Astronomy & Astrophysics	6	114.45	165
387	Inter University Consortium for DAE Facilities	1	1.14	853
388	International Centre for Genetic Engineering & Biotechnology	15	359.59	73
389	International Crops Research Institute for the Semi-Arid Tropics	4	2542.25	14
390	International Institute of Information Technology	4	61.87	248
391	Isabella Thoburn College	1	30.20	372
392	J.I.S. College of Engineering	1	5.00	794
393	J.N.T.U. College of Engineering	1	11.00	629
394	J.S.S. Academy of Technical Education	3	27.41	390
395	J.S.S. College of Pharmacy	2	18.26	489
396	Jabalpur University	1	18.30	487
397	Jadavpur University	42	879.22	32
398	Jai Narain Vyas University	10	88.70	200
399	Jamal Mohamed College	1	5.34	784
400	Jamia Hamdard	13	379.89	67
401	Jamia Millia Islamia	16	295.61	83
402	Jammu University	6	90.97	192
403	Janta Vedic (P.G.) College	1	6.46	759
404	Jawaharlal Institute of P.G. Medical Education & Research	1	22.98	422
405	Jawaharlal Nehru Centre for Advanced Scientific Research	8	3447.72	7
406	Jawaharlal Nehru College	1	6.71	747
407	Jawaharlal Nehru Krishi Vishwavidyalaya	2	6.48	756
408	Jawaharlal Nehru Medical College	2	13.27	587
409	Jawaharlal Nehru National College of Engineering	1	7.00	737
410	Jawaharlal Nehru Technological University	9	77.37	215
411	Jawaharlal Nehru University	32	834.02	34
412	Jaypee University of Information Technology	1	19.14	471
413	Jiwaji University	3	38.63	331
414	Jorhat Engineering College	1	27.58	387

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2007-08)				
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S. N	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakhs)	Order*
415	K.D.K. College of Engineering	1	12.41	601
416	K.L.E's College of Pharmacy	1	8.03	710
417	K.S.Rangasamy College of Technology	7	110.63	170
418	Kakatiya University	2	15.00	547
419	Kalasalingam University	6	198.54	111
420	Kalimpong College	1	6.37	760
421	Kalinga Institute of Industrial Technology	1	5.00	793
422	Kalyani Govt. Engineering College	1	9.78	665
423	Kalyani University	11	166.71	124
424	Kamaraj College of Engineering & Technology	1	8.38	702
425	Karimangj College	1	7.58	724
426	Karnatak Science College	1	21.46	438
427	Karnatak University	4	35.41	352
428	Karnataka State Council for Science & Technology	1	14.29	560
429	Karpagam Arts & Science College	2	14.66	553
430	Karunya University	2	47.65	301
431	Kashmir University	2	28.63	382
432	Kasturba Health Society	1	7.20	732
433	Kasturba Medical College	1	8.64	693
434	Kempegowda Institute of Medical Sceinces	1	15.01	543
435	Kerala Forest Research Institute	2	22.24	433
436	Kerala Livestock Development Board	1	10.59	644
437	Kerala State I.T. Mission	1	112.50	168
438	Kerala University	6	270.76	95
439	KET's College of Sciences, Arts & Commerce	1	6.60	750
440	KET's V.G. Vaze College	1	6.72	746
441	King's College	1	33.47	361
442	Kirorimal College	1	6.00	771
443	Kongu Engineering College	4	31.04	370
444	Kumaraguru College of Technology	1	5.00	791
445	Kumarrappa National Handmade Paper Institute	1	7.96	716
446	Kumaun University	6	43.85	313
447	Kurukshetra University	7	70.85	225
448	Kuvempu University	5	69.15	228
449	L.M. College of Pharmacy	1	13.00	589
450	L.V. Prasad Eye Institute	1	11.50	622
451	Lady Doak College	2	33.44	362
452	Lakhimpur Girl's College	1	10.07	654
453	Lal Bahadur Shastri Govt. (P.G.) College	1	10.32	649
454	Lok Nayak Jaiprakash Narayan Hospital	1	18.58	483
455	Lokmanya Tilak Municipal Medical College & General Hospital	1	20.91	444
456	Loyola College	8	183.70	113
457	Lucknow University	17	181.99	117
458	M.A. College of Engineering	1	8.97	685
459	M.C.K.V. Institute of Engineering	1	5.22	787
460	M.J.P. Rohilkhand University	1	24.88	406
461	M.M. Engineering College	1	8.00	713
462	M.S. Ramaiah Institute of Technology	3	27.28	392
463	M.S. Ramaiah Medical College & Teaching Hospital	1	15.18	537
464	M.S. Swaminathan Research Foundation	3	398.60	62
465	M.S. University of Baroda	23	503.18	48
466	M.S.R. School of Advanced Studies	1	13.65	576
467	Madhav Institute of Technology & Science	4	31.49	367
468	Madras Christian College	1	3.36	823
469	Madras Diabetes Research Foundation	1	68.42	230
470	Madras University	21	288.50	87
471	Madras Veterinary College	2	68.17	232
472	Madurai Kamaraj University	11	541.85	43
473	Madurai Medical College & Government Rajaji Hospital	1	0.19	855
474	Maharaja's College	1	8.35	703
475	Maharana Pratap University of Agriculture & Technology	2	14.20	563
476	Maharishi Dayanand Saraswati University	1	16.19	520
477	Maharshi Dayanand University	1	9.10	680
478	Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyala,	1	19.93	455
479	Mahatma Gandhi Institute of Medical Sciences	1	17.28	505
480	Mahatma Gandhi University	7	222.91	104
481	Majalgaon College	1	3.59	817
482	Malaria Research Centre	1	16.54	516
483	Malaviya National Institute of Technology	1	8.00	714

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2007-08)

S. N	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakhs)	Order*
484	Management Development Institute	2	15.75	528
485	Mangalore University	5	52.90	281
486	Manipal Academy of Higher Education	1	43.70	315
487	Manipal Acunova Limited	1	21.45	440
488	Manipal College of Pharmaceutical Sciences	4	61.66	249
489	Manipur Science & Technology Council	2	17.14	509
490	Manipur University	6	68.36	231
491	Manonmaniam Sundaranar University	3	27.58	386
492	Mar Ivanios College	2	15.15	539
493	Marine Engineering & Research Institute	1	5.00	792
494	Mata Gujri Women's College	1	10.50	645
495	Maulana Azad College	1	9.34	676
496	Maulana Azad Medical College & Associated Hospitals	5	74.99	218
497	Maulana Azad National Institute of Technology	1	11.80	614
498	Medical College & S.A.T. Hospital for Women & Children	2	2.89	828
499	Mediclone Biotech Pvt. Ltd.	1	1127.00	27
500	Meenakshi College of Physiotherapy	1	7.25	731
501	Mepco Schlenk Engineering College	2	12.60	595
502	MERADO	2	27.97	385
503	Metabolic Disorders Research Centre	1	9.71	667
504	Metal Handicrafts Service Centre	1	2.00	845
505	Milind College of Science	1	19.95	454
506	Miranda House	1	313.20	80
507	Mizoram University	6	88.74	199
508	Modern College of Arts, Science & Commerce	1	10.79	638
509	Mody Institute of Science & Technology	2	22.41	431
510	Mohanlal Sukhadia University	1	10.43	646
511	Moran College	1	4.02	810
512	Morigaon College	1	6.47	757
513	Moti Lal Nehru College	1	8.94	686
514	Motilal Nehru National Institute of Technology	6	127.22	149
515	Mount Carmel College	1	9.09	681
516	Moving Academy of Medicine & Biomedicine	1	28.97	380
517	Muffakham Jah College of Engineering & Technology	1	6.00	769
518	Mumbai University	9	124.49	151
519	Mustard Research & Promotion Consortium	1	36.32	349
520	Mysore University	8	103.59	178
521	N.D.M.V.P. Samaj's College of Pharmacy	2	18.70	480
522	N.S.S. College	1	1.15	852
523	Nagaland University	2	122.09	153
524	Nagarjuna University	4	87.33	202
525	Narula Institute of Technology	1	8.59	695
526	National Accreditation Board for Testing Calibration Laboratories	1	2.57	840
527	National Aeronautical Laboratory	5	62.58	246
528	National Aerospace Laboratories	1	5.46	783
529	National Aids Research Institute	2	43.83	314
530	National Botanical Research Institute	5	78.80	212
531	National Brain Research Centre	3	54.79	272
532	National Bureau of Animal Genetic Resources	1	55.35	271
533	National Bureau of Fish Genetic Resources	3	97.00	182
534	National Bureau of Plant Genetic Resources	2	29.13	379
535	National Bureau of Soil Survey & Land Use Planning	1	16.72	515
536	National Centre for Biological Sciences	8	122.66	152
537	National Centre for Cell Sciences	10	394.37	63
538	National Centre for Plant Genome Research	5	106.16	176
539	National Chemical Laboratory	25	405.54	60
540	National College	2	13.74	574
541	National Dairy Research Institute	3	137.25	140
542	National Engineering College	3	35.38	353
543	National Environmental Engineering Research Institute	5	2710.57	11
544	National Geophysical Research Institute	15	295.26	84
545	National Institute for Plant Biodiversity Conservation & Research	1	18.11	491
546	National Institute for Research in Reproductive Health	14	226.62	103
547	National Institute of Animal Nutrition & Physiology	1	54.39	276
548	National Institute of Cholera & Enteric Diseases	4	1074.44	29
549	National Institute of Immunology	13	774.85	35
550	National Institute of Interdisciplinary Science & Technology	2	409.33	59
551	National Institute of Malaria Research	2	37.79	337
552	National Institute of Medical Statistics	1	14.38	557

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2007-08)				
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S. N	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakhs)	Order*
553	National Institute of Mental Health & Neuro Sciences(NIMHANS)	8	106.82	174
554	National Institute of Nutrition	3	91.51	190
555	National Institute of Occupational Health	1	17.64	501
556	National Institute of Ocean Technology	2	30.55	371
557	National Institute of Oceanography	9	134.04	141
558	National Institute of Pharmaceutical Education & Research	16	296.68	82
559	National Institute of Technology (Durgapur)	1	7.50	727
560	National Institute of Technology (Jamshedpur)	1	15.05	542
561	National Institute of Technology (Karnataka)	10	175.12	119
562	National Institute of Technology (Kozhikode)	3	87.75	201
563	National Institute of Technology (Kurukshestra)	1	23.81	414
564	National Institute of Technology (Rourkela)	14	276.82	92
565	National Institute of Technology (Silchar)	1	24.87	407
566	National Institute of Technology (Srinagar)	1	17.11	511
567	National Institute of Technology (Tiruchirappalli)	17	276.08	93
568	National Institute of Technology (Warangal)	3	40.51	324
569	National Institute of Virology	1	19.23	468
570	National Jalma Institute for Leprosy & Other Microbacterial Diseases	2	49.15	297
571	National Metallurgical Laboratory	15	273.28	94
572	National Physical Laboratory	16	294.19	85
573	National Productivity Council	1	26.25	397
574	National Research & Technology Consortium	1	25.93	399
575	National Research Centre for Agroforestry	1	18.29	488
576	National Research Centre for Grapes	1	19.84	458
577	National Research Centre for Groundnut	1	17.94	498
578	National Research Centre for Onion & Garlic	1	37.46	340
579	National Research Centre for Sorghum	2	47.43	303
580	National Research Centre for Soybean	1	14.03	566
581	National Research Centre on Banana	1	14.87	551
582	National Research Centre on Coldwater Fisheries	1	32.84	363
583	National Research Centre on Mithun	1	32.00	366
584	National Tuberculosis Institute	1	11.50	621
585	Natubhai V. Patel College of Pure & Applied Sciences	1	30.09	373
586	Nehru Memorial College	1	2.10	843
587	Netaji Subhas Institute of Technology	1	12.00	611
588	Netaji Subhash Engineering College	1	3.00	826
589	Neyveli Lignite Corporation Ltd.	2	157.04	128
590	NIIT Institute of Information Technology	1	34.79	355
591	Nirma University of Science & Technology	3	46.12	306
592	Nizam College	1	3.58	820
593	Nizam's Institute of Medical Sciences	1	2092.00	18
594	Noorul Islam College of Engineering	1	4.50	808
595	North Bengal University	4	66.44	237
596	North East Hill Region	1	67.91	233
597	North Eastern Regional Institute of Science & Technology	1	10.06	655
598	North Maharashtra University	2	21.90	435
599	North Orissa University	1	19.32	466
600	North-Eastern Hill University	16	616.74	39
601	Office of Conservator of Forests	1	10.80	635
602	Optiwave Photonics	1	44.03	312
603	Oriental College	1	7.57	725
604	Orissa Engineering College	1	23.90	412
605	Orissa University of Agriculture & Technology	1	14.26	561
606	Osmania University	22	323.04	76
607	P.E.S. Institute of Technology	5	58.92	260
608	P.G. Institute of Medical Education & Research	30	522.54	47
609	P.I.C.T. College of Engineering	1	2.40	841
610	P.I.I.T.	1	23.50	417
611	P.S.G. College of Technology	12	162.88	125
612	Pachaiyappa's College	1	8.77	689
613	Padmashree Dr. D.Y. Patil Medical College for Women	1	3.73	815
614	Panjab University	32	537.14	44
615	Patna Medical College & Hospital	1	0.19	857
616	Patna University	4	24.60	409
617	Periyar College of Pharmaceutical Sciences	1	12.41	600
618	Periyar Maniammai University	1	70.04	226
619	Periyar University	3	38.98	330
620	Physical Research Laboratory	1	42.00	320
621	Pondicherry Engineering College	5	39.25	329

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2007-08)
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S. N	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakhs)	Order*
622	Pondicherry University	18	282.21	89
623	Poona College of Pharmacy	3	38.30	335
624	Population Services International	1	8.92	687
625	Prasad V. Potluri Siddhartha Institute of Technology	1	5.50	781
626	Pravara Rural Engineering College	1	9.89	661
627	Presidency College	8	89.12	196
628	Prince K.M. Kundnani College of Pharmacy	1	8.75	690
629	Priyadarshni Institute of Management & Science	1	10.40	647
630	Pt. J.N.M. Medical College	1	18.72	477
631	Pt. Jawaharlal Nehru College of Agriculture & Research Institute	1	16.40	518
632	Pt. Ravishankar Shukla University	2	16.83	513
633	Pune University	14	278.39	91
634	Punjab Agricultural University	7	133.21	143
635	Punjab Engineering College	1	82.01	210
636	Punjabi University	13	158.50	127
637	R.C. Patel College of Pharmacy	3	25.35	404
638	R.G. Kar Medical College & Hospital	2	2.89	829
639	R.K.M.V.C. College	1	11.51	619
640	R.T.M. Nagpur University	4	71.52	222
641	R.V. College of Engineering	11	77.26	216
642	Raja Balwant Singh College	3	106.56	175
643	Raja Harpal Singh (P.G.) College	1	9.42	674
644	Rajagiri College of Social Sciences	1	5.00	797
645	Rajah Muthiah Medical College & Hospital	1	2.86	832
646	Rajasthan Agricultural University	1	9.65	669
647	Rajasthan State Mines & Minerals Limited	1	182.12	116
648	Rajasthan University	13	151.06	130
649	Rajendra Memorial Research Institute of Medical Sciences	2	85.32	204
650	Rajiv Gandhi Centre for Biotechnology	10	318.55	78
651	Rajiv Gandhi Proudhyogiki Vishwavidyalaya	2	47.87	299
652	Rajiv Gandhi University	1	92.20	189
653	Ram Narain Ruia College	1	15.83	526
654	Ramnirajan Jhunjhunwala College	1	12.70	593
655	Ramrao Adik Institute of Technology	1	11.50	620
656	Ranbaxy Laboratories Ltd.	1	615.00	40
657	Rani Anna Government College for Women	1	11.44	623
658	Rani Durgavati Vishwavidyalaya	2	45.43	309
659	Regional Cancer Centre	5	112.18	169
660	Regional Institute of Medical Sciences	1	12.27	604
661	Regional Medical Research Centre	15	496.98	51
662	Regional Medical Research Centre for Tribals	1	1.37	850
663	Regional Plant Resource Centre	1	13.36	585
664	Regional Research Institute	1	16.78	514
665	Regional Research Laboratory	19	380.14	66
666	RJIT - B.S.F. Academy	2	9.95	659
667	Rossari Biotechnology	1	13.66	575
668	Rustamji Institute of Technology	1	2.88	831
669	S.C.B. Medical College	1	2.70	835
670	S.G. College of Agriculture & Research Station	1	13.95	569
671	S.N. College	1	13.40	582
672	S.P. Medical College & Associated Group of Hospitals	1	2.70	836
673	S.P.M. College	1	4.81	804
674	S.R.K.R. Engineering College	2	22.57	428
675	S.V. Medical College	1	16.40	517
676	S.V.U. College of Engineering	1	19.17	469
677	Sacred Heart College	1	7.14	735
678	Saha Institute of Nuclear Physics	4	37.51	339
679	Sambalpur University	4	51.55	286
680	Sami Labs Limited	1	75.00	217
681	Sanjay Gandhi P.G. Institute of Medical Sciences	14	382.51	65
682	Sanjay Institute of Engineering & Management	1	7.62	721
683	Sant Gadge Baba Amravati University	4	18.92	474
684	Sardar Ballabh Bhai Patel University of Agriculture & Technology	2	46.18	305
685	Sardar Patel University	11	145.52	135
686	Sardar Vallabhbhai National Institute of Technology	5	60.89	251
687	Sathyabama Institute of Science & Technology	3	57.65	264
688	Satyendra Nath Bose National Centre for Basic Sciences	6	346.08	74
689	Saurashtra University	7	109.71	172
690	School of Life Sciences	1	29.67	375

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2007-08)
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S. N	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakhs)	Order*
691	School of Planning & Architecture	2	19.50	463
692	Science & Engineering Research Council	1	19.51	462
693	Science College	1	1.50	848
694	Science Communicator's Forum	1	26.06	398
695	Semiconductor Complex Ltd.	1	54.00	277
696	Sequent Scientific Ltd.	1	86.00	203
697	Seth G.S. Medical College & K.E.M. Municipal Hospital	3	54.67	274
698	Sevadal Mahila Mahavidyalaya	1	10.03	656
699	Shanmugha Arts, Science, Technology & Research Academy	3	115.40	162
700	Sher- I -Kashmir Institute of Medical Sciences	3	78.99	211
701	Sher-e-Kashmir University of Agriculture & Technology	5	82.57	209
702	Shia Degree College	1	7.62	722
703	Shivaji College	1	8.39	701
704	Shivaji University	17	200.53	110
705	Shri A.M.M. Murugappa Chettiar Research Centre	1	14.36	558
706	Shri Aurobindo College	1	2.00	847
707	Shri G.S.Institute of Technology & Science	1	9.00	683
708	Shri Guru Gobind Singhji College of Engineering & Technology	2	13.00	590
709	Shri Mata Vaishno Devi University	1	4.50	809
710	Shri Ramdeobaba Kamla Nehru Engineering College	1	20.91	443
711	Shri Shankaracharya College of Engineering & Technology	1	3.59	816
712	Shri Shivaji Science College	1	6.15	764
713	Shriram Institute for Industrial Research	4	115.58	161
714	Siddaganga Institute of Technology	1	8.65	691
715	Sikkim Manipal Institute of Medical Science	6	52.09	283
716	Sindhu Mahavidyalaya	1	37.78	338
717	Singhad College of Engineering	1	8.50	697
718	Singhad Institute of Technology	1	4.98	798
719	Sir Dorabji Tata Centre for Research in Tropical Diseases Innovation Centre	1	22.51	430
720	Sir Ganga Ram Hospital	2	44.28	311
721	Sir M. Visvesvaraya Institute of Technology	2	15.64	530
722	Sir P.T.S. College of Science	1	6.66	748
723	Sir Sayajirao Gaikwad Medical College & Hospital	1	0.19	856
724	Sir Sayyed College	2	31.22	369
725	Sir Thutob Namgyal Memorial Hospital	1	5.48	782
726	Snow & Avlanche Study Establishment	1	58.65	261
727	Social Awareness Through Human Involvement	1	4.88	802
728	Society for Applied Microwave Electronics Engineering & Research (SAMEER)	3	573.80	42
729	Society for Applied Studies	2	154.05	129
730	Society for Environment & Empowerment Development	1	7.65	720
731	Society for Operations Research & Training (SORT)	1	18.98	473
732	Solapur University	1	9.67	668
733	Solar Energy Centre	1	205.85	109
734	Sona College of Technology	1	10.62	643
735	Sree Chitra Tirunal Institute for Medical Sciences & Technology	8	664.98	37
736	Sree Nidhi Institute of Science & Technology	1	6.90	742
737	Sri Jayachamarajendra College of Engineering	2	18.50	485
738	Sri Krishnadevaraya University	12	148.50	132
739	Sri Paramkalyani Centre for Environment Sciences	1	28.41	383
740	Sri Ramachandra Medical College & Research Institute	4	114.76	163
741	Sri Ramakrishna Mission College of Arts & Science	1	10.16	653
742	Sri Sairam Engineering College	1	2.00	846
743	Sri Sankara Arts & Science College	1	9.15	679
744	Sri Sathya Sai Institute of Higher Learning	4	36.56	347
745	Sri Sivasubramaniya Nadar College of Engineering	2	32.83	364
746	Sri Venkateswara Agricultural College	1	19.50	464
747	Sri Venkateswara College	3	35.50	351
748	Sri Venkateswara Institute of Medical Sciences	1	9.82	664
749	Sri Venkateswara University	14	167.94	122
750	Srimad Andavan Arts & Science College	1	21.15	441
751	St. Edmund's College	1	5.75	777
752	St. John's Academy of Health Sciences	2	73.28	221
753	St. John's College	1	22.08	434
754	St. John's Medical College & Hospitals	1	15.01	545
755	St. Joseph's College	3	105.74	177
756	St. Joseph's College of Engineering	1	11.79	615
757	St. Peters Engineering College	1	12.00	610
758	St. Stephen's College	1	7.06	736
759	St. Thomas College	2	13.77	572

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2007-08)

S. N	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakhs)	Order*
760	St. Xavier's College	6	82.92	207
761	Steel Authority of India Ltd.	4	13047.85	1
762	Sugarcane Research Station	1	18.70	478
763	Sumatibhai Shah Ayurved Mahavidyalaya	1	17.17	508
764	SUPRATIVA	1	19.15	470
765	Survey of India	1	1149.33	26
766	Swami Ramanand Teerath Marathwada University	3	54.66	275
767	Sylvan Krishi Vigyan Kendra	1	63.46	244
768	Synthetic & Art Silk Mills Research Association (SASMIRA)	2	37.28	342
769	T.K.M. College of Arts & Science	1	2.00	844
770	Taki Government College	1	6.65	749
771	Talwar Research Foundation	1	2.82	833
772	Tamil Nadu Agricultural University	11	158.76	126
773	Tamil Nadu Veterinary & Animal Sciences University	1	29.57	376
774	Tamil University	2	2.80	834
775	Tata Institute of Fundamental Research	12	871.29	33
776	Tata Memorial Centre	3	78.06	213
777	Tatyasaheb Kore Institute of Engineering & Technology	1	9.18	677
778	Tea Research Association	1	18.08	493
779	TERI School of Advanced Studies	1	38.59	332
780	Tezpur University	14	195.34	112
781	Thambal Marik College	1	7.41	729
782	Thanjavur Medical College & Hospital	1	15.16	538
783	Thapar University	15	214.65	107
784	Thassim Beevi Abdul Kader College for Women	1	6.99	738
785	The Adoni Arts & Science College	1	17.88	499
786	The American College	1	14.99	549
787	The Calcutta Technical School	1	8.87	688
788	The Energy Resources Institute	13	1272.61	24
789	The Standard Fireworks Rajatnam College for Women	1	10.88	631
790	The Technological Institute of Textile & Sciences	1	8.25	708
791	Thiagarajar College	2	26.35	396
792	Thiagarajar College of Engineering	6	52.05	284
793	Thirteen Herbs & Cure Pvt. Ltd.	1	170.34	120
794	Thiruvalluvar College of Engineering & Technology	1	13.38	583
795	Tilak Dhari (P.G.) College	1	18.26	490
796	Tilka Manjhi Bhagalpur University	2	40.03	326
797	Torrent Pharmaceuticals Ltd.	1	992.00	30
798	Tripura Biotechnology Council	1	94.45	185
799	Tripura State Council for Science & Technology	1	56.66	267
800	Tripura University	3	28.31	384
801	Tropical Forest Research Institute	4	60.00	255
802	Tuberculosis Research Centre	4	57.73	263
803	Udai Pratap College	1	6.18	763
804	UGC-DAE Consortium for Scientific Research	1	489.60	53
805	Ujjain Engineering College	1	12.07	609
806	University College of Engineering	3	34.86	354
807	University College of Medical Sciences & GTB Hospital	3	45.49	308
808	University College of Pharmaceutical Sciences	2	23.48	418
809	University College of Science	1	29.14	378
810	University Institute of Chemical Technology	14	2655.57	13
811	University Institute of Pharmaceutical Sciences	2	13.90	570
812	University Rajasthan College	1	11.33	626
813	Utkal University	4	56.79	266
814	Uttar Banga Krishi Vishwavidyalaya	1	25.43	403
815	V.K. Krishnamenon Study Centre for International Relations	1	13.00	591
816	V.R. Siddharth Engineering College	1	3.90	813
817	V.S.S.D. College	1	14.46	556
818	Vaagdevi College of Pharmacy	1	3.00	827
819	Vallabhbhai Patel Chest Institute	6	89.75	195
820	Valsad Raktdan Kendra & Haematology Research Centre	1	1.38	849
821	Vardhman Mahavir Medical College & Safdarjung Hospital	6	116.79	158
822	Vardhman Mahavir Open University	1	12.54	599
823	Vasantao Naik Mahavidyalaya	1	11.98	612
824	Vector Control Research Centre	4	100.48	181
825	Vedic & Scientific Research Foundation - AMEYA	1	5.00	796
826	Vedic Kanya (P.G.) Mahavidyalaya	1	8.33	706
827	Veer Kunwar Singh University	1	7.84	718
828	Veer Narmad South Gujarat University	2	13.44	580

INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (2007-08)				
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S. N	Institute	Total Number of Projects	Total Approved Cost (Rs. Lakhs)	Order*
829	Veermata Jijabai Technological Institute	1	40.89	321
830	Vel Multi Tech Sri Rangarajan Sakunthala Engineering College	1	4.60	807
831	Velammal College of Management & Computer Studies	1	6.53	751
832	Velammal Engineering College	1	13.99	568
833	Vellore Institute of Technology	10	149.46	131
834	Vidyasagar University	12	107.90	173
835	Vignan's Engineering College	1	6.90	741
836	Vijaygarh Jyotish Ray College	1	15.90	523
837	Virchow Biotech Pvt. Ltd.	1	215.00	106
838	Virudhunagar Hindu Nadars Senthikumara Nadar College	1	14.52	554
839	Vishwa Karma Institute of Technology	1	6.96	739
840	Vision Research Foundation	4	63.56	243
841	Visva Bharati	14	178.61	118
842	Visvesvaraya National Institute of Technology	5	376.38	68
843	Vittal Mallya Scientific Research Foundation	1	17.55	502
844	Vivekananda Institute of Bio-Technology	1	7.95	717
845	Vivekananda Institute of Medical Sciences	1	17.26	506
846	Wadia Institute of Himalayan Geology	1	15.67	529
847	Water & Land Management Institute	1	5.70	779
848	Waterfalls Institute of Technology Transfer	1	3.41	822
849	Welding Research Institute	1	64.73	241
850	West Bengal State Council of Sports	1	65.63	240
851	West Bengal University of Animal & Fishery Sciences	1	15.15	540
852	West Bengal University of Technology	5	63.24	245
853	Wildlife Institute of India	4	60.26	254
854	Winrock International India	1	23.36	419
855	Yogi Vemanna University	1	22.52	429
856	Z.H. College of Engineering & Technology	2	21.14	442
857	Zakir Husain College	1	6.13	765
	Individual Scientists & Others	0	0	
Grand Total		3515	146718.67	

Note * Order is based on total approved cost

STATE-WISE SUPPORT TO EXTRAMURAL R&D PROJECTS DURING 2007-08

(Rs. Lakhs)			
No.	State	No. of Projects	Total Approved Cost
1	Andaman & Nicobar	5	109.18
2	Andhra Pradesh	254	22386.24
3	Arunachal Pradesh	4	128.66
4	Assam	105	2674.15
5	Bihar	14	187.13
6	Chandigarh	78	1501.65
7	Chhattisgarh	9	137.05
8	Delhi	428	18068.09
9	Goa	25	375.51
10	Gujarat	88	3192.09
11	Haryana	46	1341.61
12	Himachal Pradesh	26	710.28
13	Jammu & Kashmir	25	857.72
14	Jharkhand	55	14192.25
15	Karnataka	300	13248.76
16	Kerala	103	3731.79
17	Madhya Pradesh	51	638.21
18	Maharashtra	350	14850.23
19	Manipur	15	296.77
20	Meghalaya	18	633.22
21	Mizoram	8	155.16
22	Nagaland	3	154.09
23	Orissa	62	1055.55
24	Puducherry	29	464.88
25	Punjab	83	1305.47
26	Rajasthan	63	1222.28
27	Sikkim	15	503.93
28	Tamil Nadu	474	15302.36
29	Tripura	6	204.04
30	Uttar Pradesh	340	9209.15
31	Uttarakhand	73	5474.30
32	West Bengal	360	12406.87
Grand Total		3515	146718.67

DISTRIBUTION OF TOP FIFTEEN INSTITUTIONS BY NUMBER OF PROJECTS

S. No.	Institute	Total Number of Projects
1.	Indian Institute of Science	87
2.	Indian Institute of Technology (Kh)	82
3.	Banaras Hindu University	80
4.	All India Institute of Medical Sciences	71
5.	Indian Institute of Technology (M)	66
6.	Indian Institute of Technology (D)	65
7.	Indian Institute of Technology (K)	59
8.	Delhi University	52
9..	Indian Institute of Technology (B)	49
10.	Jadavpur University	42
11.	Hyderabad University	39
12.	Indian Institute of Technology (G)	36
13.	Indian Institute of Technology (R)	34
14.	Jawaharlal Nehru University	32
15.	Anna University	32
	Total:	826

**DISTRIBUTION OF TOP FIFTEEN INSTITUTIONS
BY TOTAL APPROVED COST OF PROJECTS**

S. No.	Institute	Total Approved Cost of Projects (Rs. Crores)
1.	Steel Authority of India Ltd.	130.47
2.	Centre for Cellular & Molecular Biology	64.20
3.	Indian Institute of Science	59.41
4.	Hyderabad University	57.34
5.	Indian Institute of Technology (M)	47.68
6.	Indian Institute of Technology (D)	39.13
7.	Jawaharlal Nehru Centre for Advanced Scientific Research	34.48
8.	Indian Institute of Technology (Kh)	34.47
9.	All India Institute of Medical Sciences	31.98
10.	Banaras Hindu University	28.42
11.	National Environmental Engineering Research Institute	27.11
12.	Aryabhatta Research Institute of Observational Sciences	27.06
13.	University Institute of Chemical Technology	26.56
14.	International Crops Research Institute for the Semi-Arid Tropics	25.42
15.	Indian Institute of Technology (B)	24.32
	Total:	658.05

भारत सरकार
विज्ञान और प्रौद्योगिकी विभाग
(राष्ट्रीय विज्ञान एवं प्रौद्योगिकी प्रबंध सूचना प्रणाली प्रभाग)

एन एस टी एम आई एस कार्यक्रम के अन्तर्गत अनुसंधान प्रस्तावों के लिए आगन्त्रण

प्रस्तावना: विज्ञान और प्रौद्योगिकी विभाग(डी एस टी) का राष्ट्रीय विज्ञान एवं प्रौद्योगिकी प्रबंधन सूचना प्रणाली (एन एस टी एम आई एस) प्रभाग राष्ट्रीय स्तर पर महत्वपूर्ण विज्ञान एवं प्रौद्योगिकी सूचना के एकत्रीकरण, मूल्यांकन और प्रसार हेतु एक नोडल एजेंसी है।

स्कीम: प्रभाग एन एस टी एम आई एस स्कीम के अन्तर्गत इच्छुक अन्वेषकों/संगठनों के लिए अनुसंधान परियोजनाओं/अध्ययनों को प्रवर्तित करता है। प्रवर्तित मोड में किये जाने वाले अध्ययनों के व्यापक क्षेत्रों में विज्ञान एवं प्रौद्योगिकी (एस एंड टी) में मानवशक्ति/कार्मिक, एस एंड टी निवेश, एस एंड टी आंकड़ा आधार, अनुसंधान और विकास (आर एंड डी) उत्पादकता/कार्यकुशलता आदि हैं।

कुछ उप-क्षेत्रों, जिनमें अनुसंधान प्रस्ताव/अध्ययन प्रस्तुत किये जा सकेंगे इस प्रकार हैं :

1. उच्च शिक्षा क्षेत्रक में आर एंड डी कार्यकलापों के लिए समर्पित संसाधनों का परिमाणन।
2. आर एंड डी के सृजन, प्रसार और वाणिज्यीकरण के लिए अवरोध।
3. एस एंड टी के क्षेत्र में प्रभाविता अध्ययन।
4. एस एंड टी के उभरते क्षेत्रों में मानवशक्ति अध्ययन।
5. नवोन्मेषी संकेतकों का विकास।
6. व्यापक अनुसंधान क्षेत्रों द्वारा आर एंड डी संस्थानों का वर्गीकरण।
7. उप-क्षेत्रों द्वारा बाह्य आर एंड डी परियोजनाओं का वर्गीकरण।
8. एस एंड टी के क्षेत्र में महिलाओं के संबंध में अध्ययन।
9. उद्योग, शैक्षणिक और संस्थान संयोजन।
10. आर एंड टी मानवशक्ति की रूपरेखा।
11. एस एंड डी के क्षेत्रों में साइंटोमीट्रिक अध्ययन।
12. आर एंड डी बहिर्वेश संकेतक।
13. सामाजिक विज्ञानों में आर एंड डी का परिमाणन।

14. एस एंड टी सूचना और बहिर्वेश का मापन।
15. सरकारी पेटेंटों के उपयोगिता प्रतिमान।
16. विभिन्न एस एंड टी क्षेत्रों की संवृद्धि और भावी व्यवसायों के अपेक्षित मूल्यांकन पर अध्ययन।
17. उद्योग, प्रौद्योगिकी और एस एंड टी नीतियों के मध्य संयोजन।
18. एस एंड टी कार्मिकों का आऊट-टर्न।
19. भारत के लिए विज्ञान साइटेशन इंडेक्स डाटा बेस का विकास
20. भारतीय उद्योगों की सफलता का वृतांत।

कौन आवेदन कर सकता है: शैक्षणिक/अनुसंधान संस्थानों, पंजीकृत सोसाइटियों के वैज्ञानिकों, तकनीकीविदों, सांख्यिकीविदों, अर्थशास्त्रियों, समाज शास्त्रियों, विकास/आयोजना/नीति विशेषज्ञों, प्रबंध विशेषज्ञों और परामर्शदाताओं द्वारा अपने प्रस्ताव निर्धारित प्रपत्र में प्रस्तुत किये जाएं।

अनुमोदन तंत्र: प्रस्तावों की जाँच-पड़ताल प्रथमतः एन एस टी एम आई एस द्वारा की जाएगी तत्पश्चात अंतिम मंजूरी से पूर्व उनको तकनीकी मूल्यांकन के लिए कार्यक्रम परामर्शदात्री समिति को भेजा जायेगा।

परियोजनाओं को तैयार करने/ प्रस्तुत करने हेतु दिशानिर्देश एन एस टी एम आई एस की वेब साइट [www. nst mis-dst. org](http://www.nst-mis-dst.org).से डाउन लोड किये जा सकते हैं। प्रस्ताव इस पते पर भेजे जा सकते हैं :

प्रमुख (एन एस टी एम आई एस)
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलॉजी भवन, नया महरौली मार्ग
नई दिल्ली -110016

किसी प्रकार के स्पष्टीकरण हेतु कृपया श्रीमती नमिता गुप्ता, सदस्य सचिव, कार्यक्रम परामर्शदात्री समिति (पी ए सी) को फोन नं० 26567373/एक्स.371 या 267 अथवा ई-मेल: namita@nic.in या rchetal@nic.in पर सम्पर्क करें।



Government of India
Department of Science & Technology
(National Science & Technology Management Information System Division)

Call for Research Proposals under the NSTMIS Programme

Introduction : The National Science & Technology Management Information System (NSTMIS) division under the Department of Science & Technology (DST) is the nodal agency for collection, analysis and dissemination of vital S&T information at the national level.

The Scheme : The division sponsors research projects/studies to interested investigators/organisations under the NSTMIS Programme. The broader areas where studies could be taken up in the sponsored mode are **S&T manpower, S&T investment, S&T infrastructure, S&T output, S&T databases, R&D productivity/efficiency** etc.

Some of the sub-areas in which the research proposal/studies could be submitted are given as below:

1. Quantification of resources devoted for R&D activities in the Higher Education sector.
2. Barriers to generation, diffusion and commercialization of R&D.
3. Impact studies in the field of S&T.
4. Manpower studies in the emerging S&T areas.
5. Development of Innovation Indicators.
6. Classification of R&D Institutions by Broad Research areas.
7. Classification of Extramural R&D projects by sub-areas.
8. Gender related studies in the field of S&T.
9. Industry, Academic and Institution Linkages.
10. R&D Manpower Profile
11. Scientometric Studies in S&T areas.
12. R&D Output Indicators. etc.
13. Quantification of R&D in Social Sciences.
14. Measuring S&T input and output.
15. Utilization pattern of Govt. Patents.
16. Studies on growth of various S&T areas and need assessment of future professions.
17. Linkages between Industry Technology and S&T policies.
18. Out-turn of S&T personnel.
19. Development of Science Citation Index data base for India.
20. Success Stories of Indian Industries.

Who can Apply : Scientists, Technologists, Statisticians, Economists, Sociologists, Development/Planning/Policy Experts, Management Specialists etc. from academic/ research institutions, registered societies, and consultants may submit their proposals in a prescribed format.

Approval Mechanism : Proposals are screened first by NSTMIS and then referred to the Programme Advisory Committee for technical evaluation before final approval.

The guidelines for formulating/submission of projects can be downloaded from the NSTMIS website www.nstmis-dst.org. The proposals may be sent to:

Head, NSTMIS
Department of Science and Technology
Technology Bhavan, New Mehrauli Road
New Delhi - 110 016.

For any other clarification, please contact Smt. Namita Gupta, Member Secretary, Programme Advisory Committee (PAC) at Tel. No. 26567373/Extn. 371 or 267 E-Mail: namita@nic.in or rchetal@nic.in.

Prepared by



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