

Various Funding Schemes of Central Government Departments/Agencies for innovative SME

1. Department of Biotechnology (DBT)

Name of scheme(s)

1. Agriculture
2. Bioinformatics
3. Biotech Product and Process Development
4. Basic Research
5. Human Resource Development
6. Infrastructure Facilities
7. International Cooperation
8. Medical Biotechnology
9. Bioresources
10. Plant Biotechnology
11. Societal Developments

Who can submit a proposal

Academic Institutions, R&D Laboratories, Autonomous bodies, Industries etc.

When and how to submit a proposal

Proposal may be submitted in the prescribed format any time during the year.

(For formats please visit Website: www.dbtindia.gov.in)

Components of grant

Grants are for recurring and non-recurring requirements as well as for R&D staff supports, Recurring expenditure includes cost for chemicals, consumables, glassware, domestic travel, contingency etc. Non-recurring expenditure includes support for capital equipment, instruments, facilities etc.

Contact Address

Scientist In-charge
Project Registry Cell
Department of Biotechnology
Block 2, 7th Floor
C.G.O. Complex, Lodi Road
New Delhi – 110 003

2. Department of Coal (DOC)

Name of scheme(s)

Science & Technology (S&T)

Who can submit a proposal

Research and educational institutions, public sector undertakings and such other agencies, which have capability to take up R&D w

When and how to submit a proposal

The proposal in prescribed form can be submitted any time during the year. Initially only four copies of the proposal are to be submitted. Once the proposal is approved in principle, fifty copies with necessary alternation/modification are to be submitted.

Components of grant

Equipment, salaries and allowances, consumables, travel and contingency.

Contact Address

General Manager (S&T)
Central Mine Planning & Design Institute
Department of Coal
Gondwana Place, Konke Road
Ranchi – 834 008
(Jharkhand)
Tel. No: (0651) 2231148
Fax. No: (0651) 2231447
E-mail: cmpdihq@cmpdi.co.in

3. Ministry of Earth Sciences (MoES)

Name of scheme(s)

1. Assistance for Research Projects (ARPs) in Ocean Sciences (MRDF)
2. Manpower Training for Ocean Research & Management (MMDP)

Who can submit a proposal

Scientists working in Research Institutions and Universities etc.

When and how to submit a proposal

The proposal (six copies) in the prescribed format can be submitted any time during the year. The format can be downloaded from the website.

Components of grant

Salaries for research staff, equipment and contingencie

Contact Address

The Director
Ocean Research & Manpower Development Programme
Department of Ocean Development
Block 12, CGO Complex, Lodi Road
New Delhi – 110 003
Tel. No.: (011) 24306839, 24362278
Fax No.: (011) 24360336,24360779
Website: www.moes.gov.in/

4. Department of Science and Technology (DST)

Name of scheme(s):

1. Deep Continental Studies (DCS)
2. Himalayan Glaciology (HG)
3. Indian Climate Research Programme (ICRP)
4. Instrument Development Programme (IDP)
5. International S&T Cooperation (ISTC)
6. Joint Technology Projects under STAC/IS-STAC
7. Monsoon and Tropical Climate (MONTCLIM) & Agrometeorology
8. Natural Resources Data Management System (NRDMS)
9. Pharmaceuticals Research & Development Support Fund (PRDSF) Programme
10. Programme Advisory Committee on Earth Sciences (PAC-ES): R&D Projects Scheme
11. Science & Engineering Research Council (SERC)
12. Science & Society Programmes (SSP)
13. Seismology Programme (SP)
14. State Science & Technology Programme (SSTP)

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15. Technology Development Programme (Joint Technology –Technology System Programme)

16. Utilisation of Scientific Expertise of Retired Scientists (USERS)

Who can submit a proposal

Universities, R&D laboratories.

When and how to submit a proposal

Any time during the year in the prescribed proforma.

Contact Address

The Head
Earth System Sciences Division
Department of Science and Technology
Technology Bhawan, New Mehrauli Road
New Delhi – 110 016
Tele: (011) 26590342
E-mail: sivaji@nic.in
Website: www.dst.gov.in

5. Himalayan Glaciology (HG)

Scheme

R&D Projects

Who can submit a proposal

Any scientist from any College/University and Research Institution in India

When and how to submit a proposal

Any time during the year in a prescribed format.

Components of grant

Salary, Consumables, TA/DA, Contingencies, Equipment, Field expenses, Mountaineering kits and Over Head Expenses.

Contact Address

The Head
Earth System Science Division (ESS)
Department of Science & Technology
Technology Bhawan, New Mehrauli Road
New Delhi – 110016
Tel. No: (011) 26590332
Fax No: (011) 26516076
E-mail: rambir@yahoo.com
Website: www.dst.gov.in

6. Indian Climate Research Programme (ICRP)

Who can submit a proposal

Any researcher working in the Government, Semi-Government, Research and Development Organisations in India.

When and how to submit a proposal

Any time during the year

Components of grant

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Salaries to project staff, essential permanent equipment, contingencies, overheads and inland travel.

Contact Address

The Director
Earth Systems Science Division
Department of Science & Technology
Technology Bhawan
New Delhi – 110016
Tel. No: (011) 26512514, 26590469
FaxNo: (011) 26516076
E-mail: psrao@nic.in
Website: www.dst.gov.in

7. Instrument Development Programme (IDP)

Who can submit the proposal

The project proposals could be submitted for financial support by scientists/engineers/technologists working in universities and other academic institutions; R&D institutions /laboratories having adequate infrastructure and facilities to carry out R&D work in collaboration with industry in cash or kind is an essential condition .

When and how to submit a proposal

Any time during the year in prescribed format . Twenty (20) copies of the project proposal required to be submitted in format which can be downloaded from the website.

Components of Grant

Financial support is provided for project staff salaries, equipment , consumables, domestic travel and other miscellaneous items

Contact Address

The Adviser & Head (IDP)
Instrument Development Programme
Department of Science & Technology
Technology Bhawan, New Delhi – 110016
TeleFax No: (011) 26963695
E-mail: laxman@nic.in
Website: www.dst.gov.in

8. International S&T Cooperation(ISTC)

Who can submit a proposal

Scientists/faculty members working in regular capacity in Universities, national R&D laboratories/institutes, private R&D institutes and industry.

When and how to submit a proposal

Joint research projects may be submitted any time in the year in a specific format which can be downloaded from the website.

Components of grant

Support under this scheme is to provide international exposure to the scientists and is restricted to exchange visits, mostly under some of the project. Support for equipment, consumables and exchange visit is available from DST to the Indian participants belonging to public funded organizations (univ., R&D lab, etc.) For scientists belonging to private sector, support is restricted to local hospitality as a part of exchange visit.

Contact Address

The Head
International Division
Department of Science & Technology
Technology Bhawan, New Delhi-110016
T el. No: (011) 26590438
Fax: (011) 26862418
Website: www.stic-dst.org

9. Joint Technology Projects under STAC/IS-STAC

Who can submit a proposal

An industry, R&D Laboratory and/or academic institutions can express interest in Joint Technology Project (JTP) support to DST and concerned Ministry. The proposals should have orientation towards research in emerging areas, development of new technology demonstration and its demonstration on industrial scale etc. The financial support will be given in the form of part funding for carrying out the research activities provided user ministry/department also comes forward to participate and commit financial support.

When and how to submit a proposal

Any time during the year in the prescribed form. The proposals will have to be submitted to the STAC of the concerned user ministry/department in their own format or DST's format with the expression of interest in JTP support. The proposal will be evaluated inter-alia by both and on the approval of concerned STAC and Chairman IS-STAC the joint technology project will be supported in the following areas.

Components of grant

Equipment, salaries, consumables, domestic travel, overheads, contingencies etc.

Contact Address

Adviser IS-STAC
Ministry of Science & Technology
Technology Bhawan
New Mehrauli Road
New Delhi – 110 016
Tel. No: (011) 26960203
Fax. No: (011) 26960203
Website: www.dst.gov.in

10. Monsoon and Tropical Climate (MONTCLIM) & Agrometeorology

Who can submit a proposal

Any researcher working in the Government, Semi-Government, Research and Development Organisations in India.

When and how to submit a proposal

Any time during the year.

Components of grant

Salaries to project staff, essential permanent equipment, contingencies, overheads and domestic travel.

Contact Address

The Head

Earth Systems Service Division
Department of Science & Technology
Technology Bhawan, New Mehrauli Road
New Delhi – 110 016
Tel. No: : 011-26590418
Fax. No.: 011-26516076
E-mail: acharyad@nic.in
Website: www.dst.gov.in

11.Natural Resources Data Management System (NRDMS)

Who can submit a proposal

The proposals can be submitted in the prescribed proforma by scientists from:

- Academic and research institutions having relevant infrastructure facilities to carry out the research programme.
- Voluntary organizations involved in the area of natural resources management and local area planning.

When and how to submit a proposal

20 (Twenty) copies of the proposal in prescribed format can be submitted at any time during the year. Since, budget is being allocated/monitored at quarterly basis, the research proposals should flow at regular intervals for submission.

Areas of research support

i) Spatial Data Technologies (SDT).ii)

Advanced Technology Application in High Resolution Spatial Data Gathering:

Remote Sensing Technologies

- Microwave Remote Sensing including SAR Interferometry
- Airborne Laser Terrain Mapping
- High Resolution Satellite Images
- Use of thermal Remote Sensing

Adoption of New Technologies

- Application of Global Positioning System
- Use of Ground Penetration Radar

iii) Land & Water Management at local level.

- Data Infrastructure Development
- Technology Development
- Technology Transfer

iv) Technology Transfer and Capacity Building.

- Technology Transfer Infrastructure
- Training
- Technology Transfer & Capacity Building

v) Landslide Hazard Mitigation & Management

- Micro-zonation of vulnerable areas
- Slope stability analysis
- Monitoring of high risk zones
- Design of suitable preventive measures

Components of grant

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Staff salaries, equipments, internal travel, consumables, contingencies and overheads.

Contact Address

The Head (NRDMS)
Department of Science and Technology
Technology Bhawan, New Mehrauli Road
New Delhi – 110 016
Tel. No: (011) 26519530
Fax. No: (011) 26519530
E-mail: siva_k@nic.in / bhoopsingh@nic.in
Website: www.nrdms.gov.in

12. Pharmaceuticals Research and Development Support Fund (PRDSF) Programme

Soft Loan for Pharma Industrial R&D Projects

Who can submit a proposal

Any Indian company/firm engaged in drug development manufacturing jointly with:

- National laboratory under CSIR, ICMR, etc.
- University department/other academic institution such as IIT/IISc., etc.
- Any other publicly funded R&D Institution.

When and how to submit a proposal

Any time during the year in the prescribed format which can be downloaded from the website

Areas of research support

- Annovative/cleaner process technology for known drugs/key intermediates, where India has a competitive advantage.
- Any component/stage in the innovation chain of new drug development.
- Chiral synthesis of drugs.
- Resolution of racemic drugs.
- Clinical studies.
- Development of new formulations and standardization/testing of traditional formulations.

Components of grant

Salaries and Wages, Consumables and Materials, domestic Travel, Information and Documentation, Patent Filing, Overheads, Equipment, Software etc.

Contact Address

The Adviser & Head (TDT)
Department of Science and Technology
Technology Bhawan, New Mehrauli Road
New Delhi – 110 016
T elefax: 011-26510686
E-mail: laxman@nic.in
Website: www.dst.gov.in

13. Programme Advisory Committee on EarthSciences (PAC-ES): R&D Schem

Who can submit a proposal

Scientists & Academicians working in Universities, National Labs, recognized R&D institutions and Centres of Excellence are eligible.

When and how to submit a proposal

Project proposals can be submitted any time throughout the year, for consideration under this scheme. 20 copies of the proposal printed on A4 size paper, properly stapled with electronic copy on a floppy/CD, in MS Word format. Details of format as specified in the website: www.serc-dst.org.

Areas of research support

- Himalayan Geology
- Sequence Stratigraphy
- Mesozoic of Kutch
- Basin Modelling
- Geo-hydrology
- Paleoclimatic studies
- Nano-geology
- Geo-botany
- Tectonic Geomorphology
- Quantitative Geomorphology

Components of grant

Salaries, Field-work, TA/DA, Consumables, Contingency, Permanent Equipments, Satellite and other data, specific analytical charges & Institutional Overheads.

Contact Address

Scientist-F
Member-Secretary PAC-ES
Earth System Sciences Division
Department of Science & Technology
Technology Bhawan, New Mehrauli Road
New Delhi-110016
Tel. No : (011) 26590289
Fax : (011) 26516076
E-mail : prithvi@nic.in
Website: www.dst.gov.in

14. Science & Engineering Research Council (SERC)

Name of scheme(s)

1. SERC (Basic Sciences)
2. SERC (Engineering)

Who can submit a proposal

Entities/Organizations/Institutions eligible for receiving grants are:

Scientists and Technologists who are working in the academic sector, National labs and other recognized R&D institutions Recognized R&D Laboratories, Universities/Colleges and Educational Institutions. Research proposals from scientific institutions/research laboratories under various scientific departments, which are in line with the normal research activities of the institutions, may not be considered for support under SERC. However, major National R&D Programmes, Programmes in newly emerging and front-line areas of research etc. will be considered. Further, proposals involving purely survey-oriented work and routine studies will not be normally considered.

S&T based organizations with legal status as a society registered under the Societies Registration Act 1860 or as trust registered under the Indian Trusts Act 1982 or Charitable

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Religious Act 1920 or the corresponding State Act.

When and how to submit a proposal

The project proposals can be submitted any time right through the year. The proposal has to be documented as per the format available in the SERC website: www.serc-dst.org . Special initiatives with specific cut off dates under various programmes under the SERC scheme are advertised in journals like Current Science, University News etc.

Areas of research support

SERC support extends to all areas of Science & Engineering such as Chemical Sciences, Earth & Atmospheric Sciences, Engineering Sciences, Life Sciences, Mathematical Sciences, Physical Sciences and interdisciplinary areas including Nano Science & Technology etc.

Components of grant

Depending on the area of research, competence of the researcher, infrastructural facilities available with the host institute etc. the components of grant varies with the programme. In general SERC projects have components like Manpower, Minor & Major Equipments, Consumables, Travel (Domestic) and Contingency. In addition, the host institute is provided with Overhead Charges which are meant for providing infrastructural facilities and benefits to the staff employed in the project etc.

Contact Address

Head SERC Division
Department of Science & Technology
Technology Bhawan
New Mehrauli Road
New Delhi – 110 016
Tel.No: (011) 2653 4998
Telefax: (011) 2696 3695
E-mail: venktesh@nic.in
Website: www.serc-dst.org

15. Nano Science & Technology Initiative (NSTI)

Who can submit a proposal

Entities/Organizations/Institutions eligible for receiving grants are:

- Scientists and Technologists who are working in the academic sector, National labs and other recognized R&D institutions
- Recognized R&D Laboratories, Universities/Colleges and Educational Institutions. Research proposals from scientific institutions/research laboratories under various scientific departments, which are in line with the normal research activities of the institutions, may not be considered for support under SERC. However, major National R&D Programmes. Programmes in newly emerging and front-line areas of research etc. will be considered. Further, proposals involving purely survey-oriented work and routine studies will not be normally considered.
- S&T based organizations with legal status as a society registered under the Societies Registration Act 1860 or as trust registered under the Indian Trusts Act 1982 or Charitable Religious Act 1920 or the corresponding State Act.

When and how to submit a proposal

The project proposals can be submitted any time right through the year. The proposal has to be documented as per the format available in the SERC website: www.serc-dst.org . Special initiatives with specific cut off dates under various programmes under the SERC scheme are advertised in journals like Current Science, University News etc.

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Areas of research support

Research areas in Nano Science & Technology

Components of grant

Depending on the area of research, competence of the researcher, infrastructural facilities available with the host institute etc. the components of grant varies with the programme. In general NSTI projects have components like Manpower, Minor & Major Equipments, Consumables, Travel (Domestic) and Contingency. In addition, the host institute is provided with Overhead Charges which are meant for providing infrastructural facilities and benefits to the staff employed in the project etc.

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E-mail: venktesh@nic.in
Website: www.serc-dst.org

16.Intensification of Research in High Priority Areas (IRHPA)

Who can submit a proposal

Entities/Organizations/Institutions eligible for receiving grants are:

- Scientists and Technologists who are working in the academic sector, National labs and other recognized R&D institutions.
- Recognized R&D Laboratories, Universities/Colleges and Educational Institutions. Research proposals from scientific institutions/research laboratories under various scientific departments, which are in line with the normal research activities of the institutions, may not be considered for support under SERC. However, major National R&D Programmes in newly emerging and front-line areas of research etc. will be considered. Further, proposals involving purely survey-oriented work and routine studies will not be normally considered.
- S&T based organizations with legal status as a society registered under the Societies Registration Act 1860 or as trust registered under the Indian Trusts Act 1982 or Charitable Religious Act 1920 or the corresponding State Act

When and how to submit a proposal

The project proposals can be submitted any time right through the year. The proposal has to be documented as per the format available in the SERC website: www.serc-dst.org

Areas of research support

IRHPA support extends to all areas of high priority in Science & Engineering such as Materials Science, Surface Science, Plasma Physics, Solid State Chemistry, Macromolecular Crystallography, Ultrafast processes, Biomedical Engineering, Robotics, Low temperature high magnetic field phenomena, Neurobiology etc.

Components of grant

Depending on the area of research, competence of the researcher, infrastructural facilities available with the host institute etc. the components of grant varies with the programme. In general IRHPA projects have components like Manpower, Minor & Major Equipments,

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Consumables, Travel (Domestic) and Contingency. In addition, the host institute is provided with Overhead Charges which are meant for providing infrastructural facilities and benefits to the staff employed in the project etc.

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E-mail: venktesh@nic.in
Website: www.serc-dst.org

17. Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST)

Who can submit a proposal

All Science & Engineering Departments/ Centres having post-graduate programs which have existed for at least 5 years in universities and other higher educational institutions are eligible.

When and how to submit a proposal

Applications for inviting proposals from eligible Departments in the universities and other higher educational institutions are advertised with specific cut-off date. The proposal has to be documented as per the format available in the SERC website.

Areas of research support

The facilities provided under the Program are intended to support the efforts of the Department as a whole or a number of faculty members in the Department

Components of grant

The Scheme will provide optimal infrastructure facilities such as, adequate laboratory space & cold rooms (no fresh constructions), modernization of laboratories, acquisition of essential equipment & up-gradation of existing facilities, databases, scientific books etc.

(A) Level – I: Proposals from relatively small but active departments requiring moderate funding for improving quality of teaching & research through modernization of laboratories, for augmenting library and networking & computational facilities.

(B) Level – II: Proposals from well established departments requiring substantial funding for acquiring state-of-the-art equipment and setting up laboratories for conducting internationally competitive research including networking & computational facilities.

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Department of Science & Technology
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E-mail: venktesh@nic.in
Website: www.serc-dst.org

18. Opportunities for Young Scientists (FAST TRACK Scheme)

Who can submit a proposal

- Candidates should possess Masters degree in Engineering/Technology or M.D. in Medicine with some research experience or a Ph.D. in Basic Science/Engineering including other sciences such as Veterinary Sciences or Pharmacy and Agricultural Sciences or equivalent.
- The scheme is open to young scientists who are below 35 years at the time of the submission of application. Age relaxation of 5 years would be given to candidates belonging to SC/ST/OBC, Women and Physically Handicapped Category. Necessary attested copies of supporting documents to this effect have to be enclosed.

When and how to submit a proposal

The project proposals can be submitted any time right through the year. The proposal has to be documented as per the format available in the SERC website: www.serc-dst.org .

Areas of research support

Scheme support extends to all areas of Science & Engineering such as Chemical Sciences, Earth & Atmospheric Sciences, Engineering Sciences, Life Sciences, Mathematical Sciences, Physical Sciences and interdisciplinary areas including Nano Science & Technology etc.

Components of grant

The funding under this scheme is up to a maximum of Rs.10.00 lakhs (including fellowship but excluding "Overhead Charges") for a period not exceeding three years. If the proposed objectives can be achieved before three years, budget may be proposed accordingly.

- The funding includes Recurring costs (Fellowship wherever applicable, consumables, travel, and contingency) and minor equipment costing less than Rs.5.00 lakhs.
- The applicant, if not holding a regular position or not drawing any other fellowship/stipend can draw a fellowship of Rs.15,000/- per month (all inclusive). The fellowship is taxable.
- "Overhead Charges" @ 20% of the project cost are provided to the Host Institute.

Contact Address

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19. Sophisticated Analytical Instrument Facilities (SAIF)

USERS

The instrument facilities provided by the SAIFs are being utilized by about 8,000 users from academic institutions, R&D laboratories and industries from all over the country every year and are one of the major sources of sophisticated analytical instruments for research workers from many of the institutions who do not have access to such facilities at their institutes. The users

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from almost all the universities in the country are using the facilities at the SAIFFs. The users also include about 800 industries including MNCs, large and small industries in the areas of chemicals, agro-chemicals, petro-chemicals, drugs and pharmaceuticals, food processing, soaps and detergents, cement, metallurgy, electronics etc.

General Information

The facilities provided by the SAIFFs may be utilized by any user/organization on payment of nominal charges. The details about the procedure for using the facilities and the charges for sample analysis, information about short term courses/training programmes/workshops etc. can be obtained from the respective Heads of the SAIFFs or the websites of the Facilities (Annexure 1V).

Contact Address

Head SERC Division
Department of Science & Technology
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New Mehrauli Road
New Delhi – 110 016
Tel.No: (011) 2653 4998
Telefax: (011) 2696 3695
E-mail: venktesh@nic.in
Website: www.serc-dst.org

20.Kishore Vaigyanik Protsahan Yojana (KVPY)

Who can submit a proposal

Basic Sciences

Stream SA: Students enrolled in XI Standard (Science Subjects) and having secured a minimum of 75% marks aggregate in Science and Mathematics in X Standard Board Examination.

Stream SB: Students enrolled in Ist Year Science under-graduate programme (B.Sc./integrated M.Sc. in Chemistry, Physics, Mathematics/Statistics or Biological Sciences, B.Math./B.Stat) and having secured a minimum of 60% marks in Mathematics and Science subjects in XII Standard Board Examination.

Stream SP: (a NEW entry point - 2004) Students pursuing science and enrolled in XI, XII or B.Sc. (I or II year) can apply for KVPY by completing a research project .

Engineering

Stream EA: Students enrolled in I year B.E./B.Tech./B.Arch. and having secured a minimum of 60% marks in Mathematics and Science subjects in XII Standard Board Examination.

Stream EB: Students enrolled in second year B.E./B.Tech./B.Arch. and having a I Class in the first year exam of B.E./B.Tech./B.Arch.

Medicine

Stream MA: Students enrolled in second year M.B.B.S. and having secured a minimum 75% marks in Science subjects in XII Standard Board Examination.

When and how to submit a proposal

The scheme is announced in national newspapers. Indian Institute of Science, Bangalore is coordinating the programme on behalf of DST.

Areas of research support

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It's a student's fellowship.

Components of grant

The scheme would provide scholarships and contingency grants to selected students and also monetary support for the following activities for them as part of this programme:

- summer training with reputed scientists
- summer training in R&D laboratories/industries/NGOs
- project work in summer on problems of local relevance
- summer training on experimental methods in identified institutions
- orientation visits to R&D laboratories/industries/NGOs
- participation in seminars/symposia etc.
- purchase of books, periodicals in science and technology

Contact Address

Head SERC Division
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New Delhi – 110 016
Tel.No: (011) 2653 4998
Telefax: (011) 2696 3695
E-mail: venktesh@nic.in
Website: www.serc-dst.org

21.Science and Society Programmes (SSP)

Name of scheme

Science and Technology Application for Rural Development (STARD)

Who can submit a proposal

- Recognized R&D laboratories, universities and educational institutions.
- S&T based voluntary organizations, which are working in the rural areas with legal status or as a society registered under the Societies registration Act 1860 or a trust registered under the Indian Trusts Act 1982 or Charitable or Religious Act 1920 or under the corresponding State Act.
- The organization should have been in existence for a minimum of three years and not be blacklisted by any Central or State Government Department.
- The organization should have experience in handling projects having focus on S&T.

When and how to submit a proposal

Proposal can be submitted in prescribed format any time of the year, which can be downloaded from the website

Areas of research support

- Water Management: Exploration, harvesting and purification of water in rural areas.
- Land, water and cover management through scientific and technological inputs for value-addition and income generation.
- Construction: Use of local resources, upgrading local skills and techniques for constructing affordable houses conforming to a minimum acceptable comfort level inclusive of improved domestic drainage and waste disposal.
- Agriculture, Animal Husbandry and Aquaculture; Effective use of inputs, integrated farming system, post-harvest technology including low-cost storage, preservation and processing.

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- Engineering Services: Design, development and upgradation of farm and non farm tools and machinery, cost effective energy appliances for value addition & income generation.
- Rural industries: R&D projects in the area of rural process industries.
- Establishment of Rural Technology Parks as technology resource centres for technology back-up/support system in both farm and non-farm sector, and
- Innovative project proposal related to above-mentioned areas for Technological Interventions in Mountain and hilly Eco-systems (TIME).

Components of grant

Manpower, consumables, travel, contingencies, equipments, overheads etc.

Contact address

The Head
Science & Society Division
Department of Science & Technology
Technology Bhawan
New Delhi – 110016
Tel. No: (011) 26590383
Website: www.dst.gov.in, www.scienceandsociety-dst.org

22.Science and Technology for Women (S&T for Women)

Who can submit a proposal

- Recognized R&D laboratories, universities and educational institutions.
- S&T based voluntary organizations, which are working in the rural areas with legal status or as a society registered under the Societies registration Act 1860 or a trust registered under the Indian Trusts Act 1982 or Charitable or Religious Act 1920 or under the corresponding State Act.
- The organization should have been in existence for a minimum of three years and not be blacklisted by any Central or State Government Department.
- The organization should have experience in handling projects having focus on S&T.

When and how to submit a proposal

Proposal can be submitted in the prescribed format any time of the year which can be downloaded from the website

Areas of research support

- Specific science and technology application programmes to solve the problems of women in different regions such as hill, coastal and arid.
- Research and development on post-harvest technology and agricultural implements used by women to improve productivity and reduce drudgery.
- Utilization of agricultural and animal residues through technologies, which provide opportunities for income generation.
- Improved practices for higher income in new technological areas.
- Sustainable utilization & value addition to natural resources.
- Research, development and demonstration programmes on key issues pertaining to women's health and nutrition.
- Design, fabrication and improvement of tools implements, equipment and instruments used by women in different occupations in formal and non-formal sectors.
- Upgradation of traditional skills for utilization of available resources and providing means for women to enter into the organized sector or for starting entrepreneurial production or service units.
- Selective studies on issues concerning women scientists and engineers.

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- Providing opportunities to Women scientists after a break in career.

Components of grant

Manpower, consumables, travel, contingencies, equipments, overheads etc.

Contact address

The Head
Science & Society Division
Department of Science & Technology
Technology Bhawan, New Mehrauli Road
New Delhi – 110016
Tel. No: (011) 26590383
Website: www.dst.gov.in, www.scienceandsociety-dst.org

23.Science and Technology Application for Weaker Sections (STAWS)

Who can submit a proposal

- Recognized R&D laboratories, universities and educational institutions.
- S&T based voluntary organizations, which are working in the rural areas with legal status or as a society registered under the Societies registration Act 1860 or a trust registered under the Indian Trusts Act 1982 or Charitable or Religious Act 1920 or under the corresponding State Act.
- The organization should have been in existence for a minimum of three years and not be blacklisted by any Central or State Government Department.
- The organization should have experience in handling projects having focus on S&T.

When and how to submit a proposal

Proposal can be submitted in the prescribed format any time of the year which can be downloaded from the website.

Areas of research support

- Action oriented innovative field programmes in technology demonstration and utilisation implemented by S&T field groups working with artisans, landless labour and other weaker sections of the societies.
- Technology generation and adaptation programme by S&T institutions, undertaken in cooperation with, and as back up to the programmes of S&T field groups; and
- Programmes to help the traditional artisans with a view to organize them for better earning/ reduced drudgery through innovative skill development, training programmes, workshops and adaptive research and development.

Components of grant

Manpower, consumables, travel, contingencies, equipments, overhead etc.

Contact address

The Head
Science & Society Division
Department of Science & Technology
Technology Bhawan, New Mehrauli Road
New Delhi – 110016
Tel. No: (011) 26590383
Website: www.dst.gov.in, www.scienceandsociety-dst.org

25. Scheme for Young Scientists and Professionals (SYSP)

Who can submit a proposal

The scheme is open to young scientists, upper age limit being 35 years (40 years for Women) and having a minimum qualification of graduation in Engineering or Medicine or post graduation in Physical, Chemical, Biological, Social or Behavioral sciences.

When and how to submit a proposal

Proposal can be submitted in prescribed format any time of the year which is available on website.

Areas of research support

The young scientists can either (a) attempt a field implementation of an idea which is already known or (b) develop techniques for solving problems which do not have any suggested solutions at present. The scheme is directed towards capability building of the young scientists in application of S&T in societal areas. The broad areas are listed under STARD, STAWS, S&T for Women, TSP and SCP which can be seen/downloaded from the website.

Components of grant

Manpower, consumables, travel, contingencies, equipments, overhead etc.

Contact address

The Head
Science & Society Division
Department of Science & Technology
Technology Bhawan, New Mehrauli Road
New Delhi – 110016
Tel. No: (011) 26590383
Website: www.dst.gov.in, www.scienceandsociety-dst.org

26. Tribal Sub Plan (TSP)

Who can submit a proposal

- Recognized R&D laboratories, universities and educational institutions.
- S&T based voluntary organizations, which are working in the rural areas with legal status or as a society registered under the Societies registration Act 1860 or a trust registered under the Indian Trusts Act 1982 or Charitable or Religious Act 1920 or under the corresponding State Act.
- The organization should have been in existence for a minimum of three years and not be blacklisted by any Central or State Government Department.
- The organization should have experience in handling projects having focus on S&T.

When and how to submit a proposal

Proposal can be submitted in the prescribed format any time of the year which is available on website.

Areas of research support

- Effective and sustainable utilisation of available natural resources including Non—Timber Forest Produce (NTFP).
- Land use, ecology, environment, energy and health.
- Development, demonstration and extension of viable technology models;
- Value addition to products based on traditional skills.
- Application of science and technology for human resource development.
- Sensitizing activists of voluntary agencies, scientists of laboratories, project officers and

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related agencies to S & T approach for tribal development through short-term intensive workshops and/or long-term training courses.

- Awareness generation to possible technology options;
- Other activities, which would complement these objectives, like workshops, seminars, publications.

Components of grant

Manpower, consumables, travel, contingencies, equipments, overheads etc.

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Science & Society Division
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Website: www.dst.gov.in, www.scienceandsociety-dst.org

27.Special Component Plan (SCP)

Who can submit a proposal

- Recognized R&D laboratories, universities and educational institutions.
- S&T based voluntary organizations, which are working in the rural areas with legal status or as a society registered under the Societies registration Act 1860 or a trust registered under the Indian Trusts Act 1982 or Charitable or Religious Act 1920 or under the corresponding State Act.
- The organization should have been in existence for a minimum of three years and not be blacklisted by any Central or State Government Department.
- The organization should have experience in handling projects having focus on S&T.

When and how to submit a proposal

Proposal can be submitted in the prescribed format any time of the year which is available on website.

Areas of research support

- S&T intervention for sustainable development and income generation amongst scheduled caste artisans/farmers.
- S&T intervention for improving skills and efficiency of artisans engaged in traditional occupations.
- Optimizing the design of commonly used equipment, machinery, rural transport vehicles to increase income, reduce drudgery and improve general health and well being simultaneously sharpening their competence for undertaking repairs and maintenance.
- Development of functional capability among SC and other weaker sections of population for improving their socio-economic conditions and drawing them away from stigmatized occupations.

Components of grant

Manpower, consumables, travel, contingencies, equipments, overheads etc.

Contact address

The Head
Science & Society Division
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28. Seismology Programme (SP)

Who can submit a proposal

Proposal can be submitted by R&D institutions, Colleges, Universities, and reputed Non-Governmental Organizations (NGOs).

When and how to submit a proposal

The proposals can be submitted any time during the year as per the guidelines/format laid down by DST. The details of the guidelines for preparation of Research Proposal are available on the web-site.

Areas of research support

Projects on the various aspects of earthquakes including: Seismotectonic studies, GPS based Crustal Deformation studies, Geotechnical investigations, Seismic Tomography, Offshore Seismicity, Microzonation, Damage Scenario studies and Hazard Consciousness and Human Resource Development.

Components of grant

Equipments, Salaries, Consumables, Travel, Overheads etc.

Contact Address

The Head
Seismology Division
Department of Science & Technology
Technology Bhavan, New Mehrauli Road
New Delhi – 110 016
Tel. No: (011) 26590458
Fax. No: (011)26962742
E-mail: venktesh@nic.in
Website: www.serc-dst.org.

29. State Science & Technology Programme (SSTP)

Who can submit a proposal

State & Central Institutions, State S&T Councils and Non-Governmental Organisations (NGOs)

When and how to submit a proposal

The proposal in the prescribed format can be submitted any time during the year.

Areas of research support

Programmes may focus on multi-sectoral area based approach to rural/regional development. These areas would be so identified where S&T intervention could significantly improve the existing socio-economic conditions. DST would welcome proposals having clearly established linkages of S&T to overall development of the State. The area identified should have potential to contribute in socio-economic upliftment of the people of the state.

Components of grant

Equipment, salaries, consumables, contingencies, domestic travel, overheads etc.

Contact Address

Adviser & Head (Technology Development and Transfer Division)
Department of Science & Technology
Technology Bhawan,
New Mehrauli Road
New Delhi – 110 016
Telefax: (011) 26510686
E-mail: laxman@nic.in
Website: www.dst.gov.in

30. Technology Development Programme (Joint Technology –Technology System Programme)

Who can submit a proposal

The Project Proposals could be submitted for financial support by scientists/ engineers/ technologists working in academic institutions/registered societies/ R&D institutions /laboratories having adequate infrastructure/ facilities to carry out Technology Development work. DST would encourage multi-disciplinary proposals envisaging network /collaboration of various institutes having diverse expertise and facilities for synergistic implementation of the projects.

When and how to submit a proposal

Twenty copies of the proposal can be submitted in the prescribed format any time during the year.

Areas of Research Support

Under the programme, only those projects/activities are supported for which “proof of concept” has already been established. The proposals aimed at Applied Research & Development are encouraged. Proposals involving basic/exploratory research are not considered under the programme.

Some of the areas in which proposal can be submitted are illustrated below:

- Glass Technology Upgradation Programme.
- Gold Technology Upgradation Programme
- Vision related (eye disease) activities
- Bio-Molecular Electronics/ Conducting Polymer Electronics, Non-invasive and other Biosensors.
- Water Purification and rural micro-water management
- Bio-degradable/ bio-medical polymers
- Information and communication Technology Systems for application in rural areas.
- Waste utilization and Management
- Application of Surface engineering techniques for rejuvenation of traditional Crafts.
- Ceramic Technology Programme
- Structural Technology for distress diagnostics, industrial-building systems etc.

However, above list is not exhaustive and proposals in other niche areas can also be considered if the activity is perceived to be useful by DST for technology advancement in the country and is not being taken up under any other major R&D programme.

Components of grant

Project staff salaries, equipment, supplies and consumables, contingencies expenditure, domestic travel, overheads etc.

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E-mail : laxman@nic.in, sbajpai@nic.in
Website: www.dst.gov.in

31.Utilisation of Scientific Expertise of Retired Scientists (USERS)

Who can submit a proposal

After superannuation, Scientists up to the age of 65 years are eligible provided that they do not have any other fellowship/programme.

When and how to submit a proposal

The project proposals for consideration under the USERS Scheme can be submitted any time throughout the year

Areas of research support

Broad Areas of Science and Engineering.

Components of grant

Honorarium to PI, Secretarial Staff, Travel and Contingency

Contact Address

The Head
SERC Division
Department of Science & Technology
Technology Bhawan,
New Mehrauli Road
New Delhi – 110 016
Telefax No: (011) 26963695
E-mail: venkatesh@nic.in
Website: www.serc-dst.org

32.Department of Scientific and Industrial Research (DSIR)

Name of scheme

Industrial R&D Promotion Programme

Who can submit a proposal

A scheme for granting recognition to in-house R&D units set-up by industry, is operated by the Department of Scientific & Industrial Research (DSIR). For the purpose of the recognition, R&D units have to apply to DSIR as per prescribed proforma. The proforma and other details about the scheme are available at DSIR website: <http://www.dsir.nic.in/forms/rdrecog.doc>

When and how to submit a proposal

Any time during the year in the prescribed format.

Areas of research support

- Recognition to In-house R&D units established by corporate industry.
- Recognition to non-commercial Scientific and Industrial Research Organisations

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(SIROs).

- Registration of Public Funded Research Institutions, universities and others.
- Fiscal incentives for Scientific Research administered by DSIR.

Components of grant

Not applicable at present. DSI grants recognition to in-house R&D Units which provides Income-tax relief on R&D expenditure as per Income-tax Act.

Contact Address

The Head
Industrial R&D Promotion Programme
Department of Scientific & Industrial Research
Ministry of Science & Technology
Technology Bhavan, New Mehrauli Road
New Delhi – 110016
Tel.No : (011) 26567373
Fax : (011) 26960629
E-mail : srv@nic.in, rra@nic.in
Website : www.dsir.gov.in

34. Technology Development and Demonstration Programme

Who can submit a proposal

The proposals can be made by industrial units either on their own or jointly with research/educational institutions, international bodies, companies & individuals.

When and how to submit a proposal

Any time during the year in the prescribed format.

Areas of research support

- R&D Project for development of a new/improved product resulting in Prototype development and ending with demonstration in commercial environment.
- R&D Project for development of a new/improved product resulting in establishment of process know-how, development of process equipment and demonstration of yield, efficacy etc. in a Pilot plant.

Components of grant

Partial financial support is given in this scheme, the details of which can be seen from the website.

Contact Address

The Head
Technology Development and Demonstration Programme
Department of Scientific & Industrial Research
Ministry of Science & Technology
Technology Bhavan, New Mehrauli Road
New Delhi – 110016
Tel. No : (011) 26960629 Fax : (011) 26516078
E-mail : srv@nic.in, asrao@nic.in
Website : www.dsir.gov.in

35. Technopreneur Promotion Programme

Who can submit a proposal

Any Indian individual innovators, from the owner of a 'startup' company/industry if the annual turnover of the company/industry does not exceed Rs. 30 lakhs per annum. Individuals working in organizations and having innovative ideas may also apply by furnishing a 'No Objection Certificate' from their employer.

When and how to submit a proposal

Five copies of the proposal should be submitted in the prescribed format any time of the year, which can be downloaded from the website.

Areas of research support

- An original idea for development of science & technology.
- Patenting for immediate commercial implication.

Components of grant

Financial support for carrying out objectives/developments of the scheme and initial support such as patents, designs etc., and guidance, scientific/technical consultancy, fabrication assistance, networking with related research lab/institutes and demonstration for users as required.

Contact address

The Head
Technopreneur Promotion Programme (TePP)
Department of Scientific & Industrial Research
Ministry of Science & Technology
Technology Bhavan, New Mehrauli Road
New Delhi – 110016
Tel. No : (011) 26960629
Fax : (011) 26516078
E-mail : srv@nic.in, asrao@nic.in
Website : www.dsir.gov.in

36. Technology Management Programme

Who can submit a proposal

Academic institutes, Research organizations, Consultancy organizations, State Level Bodies, International organizations and other Government Departments; apart from the Small-scale sector in particular.

When and how to submit a proposal

Any time during the year in the prescribed format.

Areas of research support

- Providing assistance in efficient transfer of technology, through information in respect of foreign collaborations approved and analysis of such approvals as well as focused studies.
- Enhancing knowledge base in respect of technologies specific to the nation, including rural based technologies and region/sector specific technologies by undertaking analytical studies, technology status and development studies.
- Providing information to industry, Government departments and researchers through targeted research studies and policy research.
- Promoting industry-institute interaction by setting up resource centers on technology management in appropriate locations.

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- Enhancing academic interest and contribution through active collaborations and memorandums of understanding with academic institutes.
- Initiating State level agencies and research organizations to take up activities in the realm of Technology Management.
- Information dissemination on Technology Management related aspects through newsletters, portals, manuals, and other forms.
- Promoting an understanding of Technology Management in the Indian scenario through case studies of manufacturing and research organizations in the country, distinguished technologists lecture series etc, and
- Conducting tailor-made management development programmes, awareness programme focussed training courses, seminars and conferences on specific technology management issues and providing guidance to trainers as well.

Components of grant

Cost of the project.

Contact Address

The Head
Technology Management Programme
Department of Scientific & Industrial Research
Ministry of Science & Technology
Technology Bhavan, New Mehrauli Road
New Delhi – 110016
Tel. No: (011) 26960098 (Direct)
26567373 Extn.: 256
Fax : (011) 2696 0098 / 2696 0629 / 2686 8607
E-mail : srv@nic.in; sabhat@nic.in
Website : www.dsir.gov.in

37. International Technology Transfer Programme

Who can submit a proposal

Government supported bodies and agencies, public funded institutions, industry associations and chambers, UN bodies, reputed consultancy organizations and NGOs would be considered for support under the programme.

When and how to submit a proposal

Any time during the year in the prescribed format

Areas of research support

- Documentation of Technology Export Performance and Capabilities.
- Showcasing and Demonstration of Technology Export capabilities.
- Facilitation of Technology Transfer and Trade at the Firm Level.

Components of grant

A partial support is given for generally covering costs towards documentation, professional charges, travel, office equipment and stationery, computerization, preparation and printing of documents, reports, invitation cards, banners etc., and consumables in pilot plants or working models.

Contact Address

The Head
International Technology Transfer Programme
Department of Scientific & Industrial Research

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Tel.No: (011) 26866123 / 26567373
Fax : (011) 2696 0629
E-mail : srv@nic.in, ashwani@nic.in
Website : www.dsir.gov.in

38.Consultancy Promotion Programme

Who can submit a proposal

Concerned associations or promotional agencies, interested organisations / institutions.

When and how to submit a proposal

Any time during the year in the prescribed format

Areas of research support

Strengthening consultancy capabilities:

- Support R&D efforts of consultancy organisations and consultancy efforts of national R&D organizations.
- Support for pilot studies, infrastructural facilities, etc, for commercialization of indigenous know-how.
- Support for studies related to assessment of National Consultancy Needs and Capabilities in various sectors / fields.
- Support for Skill Upgradation, Training, Quality Management etc., to Consultants.
- Support for developing consultancy capabilities in emerging and newer areas including IPR, Bio-Technology, new materials, etc.
- Consultancy for Venture Capital.

Development of Consultancy for SMEs:

- Promote and support the availability of consultancy services to tiny, small & medium sector.
- Supporting the setting up of consultancy clinics and design & engineering services facilities in specific sectors particularly for SMEs.
- Supporting the setting up of Consultancy Parks.
- Support for consultancy for commercialization of technologies from R&D, and academic institutions for multiple licensing for SMEs.
- Training programmes etc.

Documentation of experiences/Information dissemination etc.

- Providing incentives to consultancy promotion agencies and consulting firms to document their useful experiences in major projects, particularly abroad.
- Support to prepare publicity material, such as video films, websites directories, brochures, etc., particularly for exports.
- Build up linkages with various institutions/organizations within the country and abroad.
- Support for organizing and participation in training programmes, workshops, seminars and trade fairs etc., in India and abroad.

Components of grant

Support is provided in this scheme to organizations/institutes to enable them to discharge their functions more effectively and for international cooperation and export consultancy services.

Contact Address

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Consultancy Promotion Programme
Department of Scientific & Industrial Research
Ministry of Science & Technology
Technology Bhavan, New Mehrauli Road
New Delhi – 110016
Tel.No: (011) 26518103, 26868607 (Direct)
Fax : 00-91-11-26960629
E-mail : srv@nic.in, rajkumar@nic.in
Website : www.dsir.gov.in

39. Technology Information Facilitation Programme

When and how to submit a proposal

Any time during the year in prescribed format which can be downloaded from the website.

Areas of research support

To facilitate strengthening the resource base of information available and provide a mechanism for optimal utilization of the resources in the country. TIP would also facilitate collaborative research among industries and institutions.

Components of grant

Assistance can be by way of financial support (partial or full) and technical guidance. The type of assistance required by the institution should be clearly indicated in the proposal. However, financial assistance will be provided only for meeting expenditure on Manpower, Equipment, Consumables, Internal Travel and other miscellaneous expenditure.

Contact Address

The Head
Technology Information Facilitation Programme
Department of Scientific & Industrial Research
Ministry of Science & Technology
Technology Bhavan, New Mehrauli Road
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Tel.No: (011) 26565329
Fax : 00-91-11-26565329
E-mail : srv@nic.in, alh@nic.in
Website : www.dsir.gov.in

40. Indian Council of Medical Research (ICMR)

Name of the scheme(s)

1. Ad-hoc Research Schemes : Open-ended Research (Ad-hoc Projects) on the basis of applications for grants-in-aid received from scientists in non-ICMR Research Institutes located in different parts of the country
2. Senior Research Fellowship/Research Associate
3. Junior Research Fellowships
4. Emeritus Medical Scientist Scheme (for retired medical scientists and teachers, the Council offers the position of Emeritus Scientist to enable them to continue or take up research on specific biomedical topics.)

Who can submit a proposal

The assistance is provided by way of grants to scientists in regular employment in the

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universities, medical colleges, postgraduate institutions, recognized research and development laboratories and NGOs. (Applications from non-governmental agencies should provide documentary evidence of registration, track record etc.)

When and how to submit a proposal

Proposals are received throughout the year on the prescribed format, which can be obtained on request from the Director-General, ICMR. Forms can also be downloaded from ICMR website (<http://www.icmr.nic.in/adhocform.doc>).

Thirty copies of the complete project proposals application along with a copy in electronic mode are to be submitted. All projects involving research on human beings/animals must be cleared by the Human Ethics Committee/ Animal Ethics Committee of the respective institute.

Areas of research support

Financial support is provided by the Council in all areas related to health and biomedical sciences. However, following are the priority areas identified by the ICMR:

- Communicable diseases including viral diseases, cholera and enteric diseases, tuberculosis, leprosy, malaria, filariasis, kala-azar, vector control etc.
- Reproductive health including fertility control.
- Maternal & Child Health.
- Nutritional and major metabolic disorders.
- Primary health care, alternative health care systems.
- Non-communicable diseases including cancer, mental health, cardiovascular, neurological, ophthalmic and haematological disorders, oral health, gastroenterology, urology etc.
- Occupational and other environment related health problems i.e. asthma.
- Drug research including medicinal plants and indigenous/or traditional systems of medicine.
- Basic medical research in disciplines such as anatomy, allergy, anthropology, physiology, biochemistry, immunology, cell & molecular biology, genetics, pharmacology, haematology.

Note: For latest thrust areas & format/guidelines refer to ICMR website
<http://www.icmr.nic.in/thrust/thrust.htm>.

Components of grant

Research staff, Equipment, Contingencies, Travel, Overheads.

Financial ceiling --- Financial ceiling is up to Rs.30 Lakhs for the total duration of the project.

Contact Address

Director General
Indian Council of Medical Research
V. Ramalingaswami Bhawan
Post Box No. 4911
Ansari Nagar
New Delhi- 110029
Tel.No: 91-11-26588895, 91-11-26588980
91-11-26588707, 91-11-26589794, 91-11-26589336
Fax: 91-11-26588662
E-mail: icmrhqds@sansad.nic.in
Website: www.icmr.nic.in

41.India Meteorological Department (IMD)

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Name of scheme(s)

Research in meteorology and allied disciplines.

Who can submit a proposal

Scientists working in universities, academic institutes, research institutions / laboratories.

When and how to submit a proposal

Six copies of the proposal can be submitted any time during the year in the prescribed format.

Areas of research support

Topics related to advancement of knowledge in the fields of meteorology and atmospheric sciences, with particular reference to the Indian region.

Components of grant

Staff salaries, equipment, consumables, domestic travel, charges of data procurement and analysis, contingencies and overheads.

Contact Address

The Director General of Meteorology
Antarctic & Project Evaluation Cell, DGM's Office
India Meteorological Department (IMD)
Mausam Bhawan, Lodi Road, New Delhi – 110 003
Tel. No: (011) 24618241 to 7 Extn. 4318
Fax: (011) 24699216, 24623220
E-mail: apec@mail.imdmail.gov.in
Website: www.imd.gov.in

42.Indian Space Research Organisation (ISRO) - Department of Space

Name of Scheme(s)

1. ISRO Sponsored Research Programme (RESPOND)
2. Space Science Promotion (SSP)

Who can submit a proposal

Individuals or groups of scientists, engineers, members of the teaching staff and research workers belonging to recognized academic institutions, universities and research organizations.

When and how to submit a proposal

The proposal in the prescribed format is to be submitted any time during the year.

Areas of research support

Space science, application, technology, space communication, earth resources survey, meteorology and satellite geodesy.

Components of grant

Salaries, equipment, consumables, contingency, travel and overheads.

Contact Address

For RESPOND

For SPACE SCIENCE PROMOTION

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