

Prospective Sponsoring agencies for R&D Projects

Following is a tentative list of prospective sponsoring agencies for sanction of R&D projects. There can be more number of sponsoring agencies and more number of schemes for R&D projects, which the faculty members are requested to individually make efforts and apply. The information given below is not complete and may change. Hence the faculty members are also requested to visit the respective notices/web sites for detailed and updated information.

Naval Research Board (DRDO)

The Board supports basic research that will generate new knowledge potentially useful to the Navy and to train young minds to generate and apply that knowledge for naval purposes.

Submission of project proposal: http://nrbdndo.res.in/submission_proposal.html

For more details: <http://nrbdndo.res.in/>

Aeronautics Research and Development Board (AR&DB) (DRDO)

The Aeronautics R&D Board has instituted a Grants-in-Aid Scheme to nurture the available research talent and to develop facilities higher technological institutes, colleges and other research centres including industry in the country for promoting research, design and development programmes in Aeronautics and Allied Sciences, keeping in view the future needs of the country with respect to aircraft, helicopters, missiles and all other air borne vehicles & their operation. Under this scheme, grants are offered to approve research institutions, universities or colleges, departments or laboratories or individuals attached to reputed industrial firms with R&D facilities both in the Government and non-Government sector. The scheme will be coordinated through a number of specialist panels duly constituted by the Chairman AR&DB to cover the different disciplines viz.

- Aerodynamics
- Aerospace Resources
- Materials & Manufacturing
- Propulsion
- Structures
- Systems & Systems Engineering
- Special Interest Group for Micro Aircraft (SIGMA)

For rules & grants: http://drdo.gov.in/drdo/boards/ardb/rules&grants_intro.htm

Topics of interest: http://drdo.gov.in/drdo/boards/ardb/notice_board.htm

Armaments Research Board (DRDO)

DRDO is promoting innovative/basic research among Academic and Research Institutions across the country through Grant-in-Aid schemes of Research Boards and Dte of ER & IPR. Under these schemes, grants are offered to research organizations / universities / departments/ laboratories to carry out research in basic sciences and engineering, setting up of basic facilities/infrastructures and conduct of conference/seminars/ symposia/ workshops etc.

For Area of interest and formats: <http://drdo.gov.in/drdo/English/index.jsp?pg=armreb.jsp>

Life Sciences Research Board (DRDO)

The Board is striving to enhance health and efficiency of the soldiers operating under different harsh environmental conditions including high altitude, extreme cold, desert and micro environment of different operating systems. The major thrust areas of LSRB are life support system and biomedical technologies for air, land and sea operations, military psychology, cognitive engineering, personnel selection, human adaptation to extreme environments, ergonomics and human factors/engineering for equipment development and man machine interface, nutrition, radioprotection, stress management, combat fatigue, bio-defence against human, animal and plant pathogens, specialized food technologies, vector and malaria control, biotechnology and high altitude agro animal technologies, nuclear, biological and chemical detection, protection and decontamination.

For guidelines and rules: <http://drdo.gov.in/drdo/boards/lsrcb/fplsrcb.htm>

Board of Research in Nuclear Sciences (BRNS) (DAE)

BRNS, Department of Atomic Energy (DAE) supports extramural research and development activities in nuclear and allied sciences, engineering and technology through its nodal funding agency - the Board of Research in Nuclear Sciences (BRNS). BRNS continuously thrives to encourage, enthuse and support scientists and engineers in pursuing excellence in R & D programmes of interest and relevance to DAE.

Format and other details: http://barc.gov.in/brns/brns_research.html

National Board for Higher Mathematics (NBHM) (DAE)

The NBHM has various schemes to provide financial support to institutions and individuals to strengthen the mathematical base/potential through study, exchange or other such programs. NBHM provides assistance for selected research projects on the recommendations of the Research Programmes Committee of NBHM. Applications in prescribed forms obtainable from the office of NBHM have to be submitted well in advance.

Application forms: <http://www.nbhm.dae.gov.in/forms/research.doc>

Brochure: <http://www.nbhm.dae.gov.in/forms/brochure.doc>

Indian Space Research Organisation (ISRO)

ISRO has evolved a programme through which financial support is provided for conducting research and development activities related to Space Science, Space Technology and Space Application to academia in India. This programme of Research Sponsored by ISRO is called RESPOND. In special cases research and development projects proposed by non-academic R & D laboratories can also be supported through this programme. The aim of RESPOND is to encourage quality research in areas of relevance to the Indian space programme.

Forms & Formats: <http://www.isro.org/scripts/srgeneralrules.aspx>

Area of Research: <http://www.isro.org/scripts/srareasofresearch.aspx#>

For More Details: <http://www.isro.org/scripts/srrespond.aspx>

Indian Council of Medical Research (ICMR)

ICMR invites proposals for enhancing research and development activities.

ONLINE SUBMISSION of Extramural Research Projects: <http://icmr.cdacnoida.in/ICMR/>

Thrust Areas of Research: <http://icmr.nic.in/thrust/thrust.htm>

For more details: <http://www.icmr.nic.in/Grants/Grants.html>

Department of Electronics and Information Technology

DEIT encourages collaborative R&D between industry and academics/ R&D institutions for development of products and packages and bridge the gap between R&D and commercialization. DIT has already circulated the details of Multiplier Grants Scheme to Industry associations for circulation amongst its members and to leading academic institutions.

Project Proposal: [http://deity.gov.in/sites/upload_files/dit/files/mgsioproposals\(1\).pdf](http://deity.gov.in/sites/upload_files/dit/files/mgsioproposals(1).pdf)

Terms & Conditions: http://deity.gov.in/sites/upload_files/dit/files/Terms&conditions.pdf

Ministry of Earth Sciences

All projects in the subject area mentioned below can be submitted for funding from Ministry of Earth Sciences. The various subject areas for funding are:

- Atmospheric Science
- Earth System Science Technology
- Geoscience
- Hydrology & Cryosphere
- Ocean Science & Resources

For formats: <http://dod.nic.in/RND/FORMATS.doc>

Guidelines: http://dod.nic.in/RND/new_2_Guidelines.pdf

Terms and Conditions: <http://dod.nic.in/RND/Terms&Condition.pdf>

For More Details: <http://dod.nic.in/RND/rnd.html>

Ministry of Environment & Forests

The Ministry invites research proposals in prescribed format on various topics.

Application Forms & Guidelines:

http://envfor.nic.in/sites/default/files/re_guidelines_f_indd.pdf

For More Details: <http://envfor.nic.in/division/call-research-proposals>

The Ministry of Environment & Forests also invites research proposals for financial support in prescribed format under its NNRMS Programme. The NNRMS Programme supports research projects aimed at optimal utilization of remote sensing techniques along with conventional methods for addressing key environmental and ecological issues such as management of forests, grasslands, faunal resources, wetlands, coastal areas management including conservation of mangroves and coral resources, land degradation, impact of developmental activities on environment.

For More Details: <http://envfor.nic.in/division/call-proposals-under-nnrms-programme>

Ministry of New and Renewable Energy (MNRE)

The Ministry has identified thrust areas in which R&D efforts are required. Ministry considers R&D proposals which are directly related to the activities/ programmes of the Ministry and hold promise for commercialization in near future. The thrust areas mainly covers programmes, such as, Rural Energy; Solar Energy; Energy from Urban & Industrial Wastes; Power Generation- Wind, Biomass, Small Hydro; New Technologies- Chemical Sources (fuel cells), Hydrogen, Ocean & Geothermal Energy; etc.

R & D Formats: <http://www.mnre.gov.in/schemes/r-d/rd-formats/>

New Schemes: <http://www.mnre.gov.in/schemes/r-d/scheme-10/>

For More Details: <http://www.mnre.gov.in/schemes/r-d/solar-pv-3>

Department of Chemicals & Petro-Chemicals

Department of Chemicals & Petro-Chemicals a part of the Ministry of Chemicals and Fertilizers invites proposals for research projects and establishing Center of Excellence in educational institutions.

For New Schemes: <http://chemicals.nic.in/govtschemes.htm>

For More Details: <http://chemicals.nic.in/>

Ministry of Food Processing Industries

Ministry supports research proposals of applied nature having commercial importance resulting in development of innovation products, processes, improvement in manufacturing practices, which leads to enhancement of quality and shelf life of food products thereby development of food processing industries in the country.

Guidelines

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Formats:

<http://www.mofpi.nic.in/SchemeViewPage.aspx?KYEwmOL+HGpVvrjs+CYNME2/tuH1AhSoew1yuW4ovCBykeENzIXaUKDErydVWL6V0yT9wKiwvyYP5mR3gNk/zpp/uIzW70foHI2JZ8qgdRJ5YbZBWq70BvEDsLxDwud7uq2RIDPV1UZy+axIha0J6VudsZMy/oRaBIuqZVVF7Eir0fkhhKGVlmpIA7t30eBs6Wz1zJxtZu39jghF941XUa1L5qqoL3hXT/3XT1yQxQ=>

Central/State Government and its organizations/Universities(including deemed universities) are eligible for grant-in-aid of entire cost of laboratory equipments required for labs and 25% of the cost of technical civil works to house the equipments and furniture and the fixtures associated with the equipments

For More Details:

<http://www.mofpi.nic.in/SchemeViewPage.aspx?KYEwmOL+HGpVvrjs+CYNME2/tuH1AhSoew1yuW4ovCBykeENzIXaUKDErydVWL6V0yT9wKiwvyYP5mR3gNk/zpp/uIzW70foHI2JZ8qgdRKr+mI2UXxqt5g8pQGNkquV6g5/+DMKKlIIBtFwPuZDSe7dvV23bHLI091p7y4fVWnuXP8zyxdYHWycDTeQupZF6mozfPd+19IoX9Hyfpaxg61M12PJ2euYpAizBW8eh4LGM5wfFQbtyRTFWMh2wsc1>

Establishment of Centers of Excellence in Frontier Areas of Science and Technology (MHRD)

The Centre of Excellence (CoE) is expected to be a collaborative activity between a team of high quality researchers in the institution and researchers or research-users in several companies or organizations on new and emerging technologies, multi-disciplinary and translational research relevant to national development goals.

Forms & Formats: http://mhrd.gov.in/sites/upload_files/mhrd/files/FAST.pdf

Council of Scientific & Industrial Research

CSIR provides financial assistance to promote research work in the fields of Science & Technology, including Agriculture, Engineering and Medicine. The assistance is provided by way of grants to Professors/Experts in regular employment, in the universities, IITs, post-graduate institutions, recognised R&D laboratories both in public and private sectors. Research proposals of applied nature as well as those falling under basic sciences which attempt to solve specific problems being pursued by CSIR laboratories, or in newer and complementary fields, are considered for CSIR support. Priority is given to multi-disciplinary projects which involve inter-organisational co-operation (including that of CSIR laboratories). However, preference is given to schemes which have relevance to research programmes of CSIR laboratories

Forms & Formats: http://csirhrdg.nic.in/res_forms.htm

Guidelines and other details: http://csirhrdg.nic.in/res_grants.htm

Ministry of Mines

Science and Technology Project Proposals are invited from academic institutions for the thrust areas in mining.

Guidelines and formats:

http://mines.nic.in/writereaddata/Filelinks/ad8571cc_merged_document.pdf

Ministry of Water Resources

Ministry of Water Resources (MoWR) provides financial assistance to promote research work in the field of Water Resources Engineering. The assistance is provided by way of grants to academicians / experts in the Universities, IITs, recognised R&D laboratories, Water Resources / Irrigation departments of the Central and State Governments and NGOs. Research proposals of applied nature as well as basic research are considered for MoWR support.

Forms & Guidelines: <http://wrmin.nic.in/writereaddata/linkimages/intro932183917.pdf>

Central Mine Planning & Design Institute Limited (CMPDI)

CMPDI invites research proposals in prescribed format on various topics.

For more details: <http://www.cmpdi.co.in/research.php>

INSPIRE Fellowship (DST)

INSPIRE fellowship aims at enhancing research fellowships for doctoral studies and opening up partnerships with private sector for topping the Government's efforts in nurturing talents for scientific research. This scheme is applicable to Basic and Applied sciences as well as Medicine, Agriculture etc. with provision of multiple entries. The fellowship will be offered to (1) University 1st Ranker in a particular subject at PG level examination in Basic and Applied Science courses as well as (2) INSPIRE scholar, who have secured aggregate marks of 65 % or above at the 2 year MSc or 5 year Integrated MSc/MS

For More details: <http://www.inspire-dst.gov.in/fellowship.html>

INSPIRE Faculty Scheme (DST)

INSPIRE Faculty Scheme opens up an 'Assured Opportunity for Research Career (AORC)' for young researchers in the age group of 27-32 years. It is expected to augment high quality scientific manpower in scientific and educational institutions. It provides attractive opportunities to young achievers for developing independent scientific profiles and intends helping them emerge as S&T leaders in the long term. The Scheme offers contractual research positions. It provides career opportunities, but it is not a guarantee for tenure positions after 5 years.

Eligibility: Indian citizens and people of Indian origin including NRI/PIO status with PhD (in science, mathematics, engineering, pharmacy, medicine, and agriculture related subjects) from any recognized university in the world.

Those who have submitted their PhD Theses and are awaiting award of the degree are also eligible.

The upper age limit at the time of awarding the offer should be 32 years for considering support for a period of 5 years.

Candidates who are employed (in any form i.e. permanent, contractual) with any organization within India will be eligible to apply. However, they will be considered only for the Research Grant component of the INSPIRE Faculty Award scheme.

For more details: http://www.inspire-dst.gov.in/faculty_scheme.html

Fund for Improvement of S&T Infrastructure (FIST) (DST)

Considering the present status of the S&T sector in the universities and related academic institutions who are in dire need for strengthening the existing S&T infrastructure support with adequate funding and associated flexibility, Government of India in the year 2000 announced a major new initiative titled "Fund for Improvement of S&T infrastructure in universities & higher educational institutions (FIST)" to rebuild the Science & Technology infrastructure in the country.

Eligibility: For **University / Academic Institutions**, the support will be considered for the 'Department / School / Center' as a unit. All Science (including Medical & Agriculture) and Engineering Departments/ Centres having strong postgraduate teaching and research programs which have existed for at least 3 years or more in universities and other higher educational institutions are eligible. The Department/ Centre/ School already supported under FIST Program may submit fresh proposal after completion of the ongoing project provided such projects completed in all respects and obtained 'Completion Certificate' whose copy may be attached in the current proposal. Progress of ongoing project of the Department/ Centre/ School will be monitored as per monitoring schedule of the Program and any additional requirements will be considered as a part of that exercise.

For More Details: <http://www.fist-dst.org/index.asp>

Forms and Formats available at: <http://www.fist-dst.org/html-flies/formats.htm>

Advertisement & guidelines for new proposals: <http://www.fist-dst.org/html-flies/advertisement-guidelines.htm>

Nano Mission (DST)

The Nano Mission is an umbrella programme for capacity building which envisages the overall development of this field of research in the country and to tap some of its applied potential for nation's development. In brief, the objectives of the Nano-Mission are:

- Basic Research Promotion
- Infrastructure Development for Nano Science & Technology Research
- Nano Applications and Technology Development Programmes
- Human Resource Development
- International Collaborations

How to apply: The Nano Mission receives proposals for financial support throughout the year. In other words, there is no last date for applying for financial support. Decisions on various funding applications are taken periodically. Currently, financial support for the following R&D activities is available —

- R&D projects from individual scientists or a group of scientists. Normal duration of such projects will be 3 years.
- Establishment of centres of excellence and sophisticated research facilities. Normal duration for such projects will be 5 years.
- Joint Institution-Industry Linked projects for development of products and devices utilizing nanotechnology. In such projects, partial financial contribution by the participating industry is desirable. For the participating industry, DSIR's SIRO recognition is desirable. Normal duration for such projects will be 3-5 years.
- Launching M.Sc./M.Tech. programmes in Nano Science and Technology in government institutions.

Formats & Guidelines:

http://nanomission.gov.in/Formats_new/formats_Guideliness_nano.htm

Guidelines for implementing projects: <http://nanomission.gov.in/formats/guide1.htm>

Online Project Submission portal: <http://nanomission.gov.in/online.htm>

Joint Institute – Industry linked projects: http://nanomission.gov.in/Formats_new/NEW/New-PPD-III_NATDP.doc

Women Scientists Scheme (WOS-A): (DST)

The 'Women Scientists Scheme (WOS-A)' of the Department of Science and Technology is aimed to provide opportunities to women scientists and technologists for pursuing research in basic or applied sciences in frontier areas of science and engineering (like (1) Physical Science; (2) Chemical Science; (3) Mathematical Science; (4) Life sciences; (5) Earth Sciences; (6) Atmospheric Sciences; (7) Engineering Sciences). A special provision has been made under this Scheme to encourage those women scientists who have had breaks in their careers. Persons already in employment need not apply.

For Details & Formats: <http://online-wosa.gov.in:8080/wosa/public/doWelcome.action>

Women Scientists Scheme (WOS-B): (DST)

This scholarship is specially intended to encourage women scientists involved in research and application of innovative solutions for various societal issues. This scholarship would be made available to the aspiring women scientists willing to work for the search, design, adaptation and demonstration of Science and Technological skills and techniques for improving the income generating activity and reducing drudgery of weaker sections of our society in different occupations, capacity building on the societal programs at the grassroot level etc.

The minimum essential qualifications are PG degree equivalent to M.Sc in basic or Applied Science, B Tech in Engineering Science and MBBS or other equivalent professional

qualifications. The desirable qualifications are PhD in Basic or Applied Science, M.Tech in Engineering Science and MD/MS, DM/MCH in Medical Science from recognized Universities. Cut off age for the candidate is 50 years. The candidates should also have working experience and linkages with the relevant organization to carry out research on R&D projects of societal relevance.

Guidelines for WOS-B:

http://www.dst.gov.in/whats_new/whats_new11/Terms_and_Conditions_for_WOS-B.pdf

Department of Science and Technology Fellowship for Women Scientists (DISHA) program:

http://www.dst.gov.in/whats_new/whats_new12/WOS-B-2012.PDF

Women Scientists Scheme (WOS-C): (DST)

This category is mainly focused to provide an opportunity to women scientists for self-employment by utilizing their specialized domain knowledge in areas such as patenting, proof reading, science journalism, technical translation, clinical pathology labs, medical transcription etc. The objective of this scholarship is to create a large pool of trained women workforce with experience in the diverse areas mentioned above and building up a professional network.

For More Details: <http://www.dst.gov.in/scientific-programme/wos-ppts/WOS-C.pdf>

National Science & Technology Management Information System (NSTMIS) (DST)

The National Science & Technology Management Information System (NSTMIS) division of 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 / organizations under the NSTMIS Scheme. The broader areas where studies could be taken up in the sponsored mode are S&T investment, S&T infrastructure, S&T output, S&T databases, S&T manpower, R&D productivity/efficiency etc.

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

- Human Resources in S&T
- R&D Infrastructure/ Resources
- S&T Studies in Higher Education Sector
- Mobility of S&T Professionals
- R&D and Innovation
- IPR Management
- Scientometric Studies in S&T

The pertinent themes / sub-areas to be addressed under these areas for submission of research proposals under the NSTMIS Scheme are listed at the NSTMIS website.

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.

Call for research proposals: <http://www.nstmis-dst.org/PDF/CallforResearchProposals.pdf>

For Guidelines: <http://www.nstmis-dst.org/Guideline.aspx>

Formats are available: <http://www.nstmis-dst.org/Format.aspx>

Drugs & Pharmaceutical Research (Collaborative R&D Projects) (DST)

Recognising the profound influence of R&D on the prospects and opportunities for the growth of the Indian Drug Industry, Department of Science and Technology (DST), Government of India mounted the programme on drug development during 1994-95 for promoting collaborative R&D in drugs and pharmaceuticals sector with the following specific objectives:

- To synergise the strengths of publicly funded R&D institutions and Indian Pharmaceutical Industry.
- To create an enabling infrastructure, mechanisms and linkages to facilitate new drug development.
- To stimulate skill development of human resources in R&D for drugs and pharmaceuticals; and
- To enhance the nation's self-reliance in drugs and pharmaceuticals especially in areas critical to national health requirements.

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

For More Details: <http://www.dst.gov.in/scientific-programme/td-drugs.htm>

Instrumentation Development Programme (DST)

Instrumentation is one of the major areas of Science & Technology which makes a great impact on vital sectors of national activities such as education, scientific research, industry, agriculture, medicine and health etc. The Department of Science & Technology (DST) has been promoting the area of Instrumentation through its Instrumentation Development Programme (IDP).

The programme focuses on strengthening indigenous capability for research, design, development and production of instruments in the country leading to fulfillment of the following objectives: -:

- Indigenous development and production of instruments,
- Continuous updating of the technology of instruments to keep pace with technology improvements taking place globally, and
- Innovations in the area of instrumentation.

Activities supported under IDP: Programmes to support and sustain development and production of indigenous and affordable instruments are evolved and supported under the IDP. The following types of activities are evolved and supported under IDP:

- a) Project support to scientists and technologists
 - a. The Instrument/technology development programmes are supported with mandatory industry participation so as to facilitate easy absorption of technology and commercial production of the developed instrument/technology.
- b) Project Formulation
 - a. The following activities are supported under IDP for evolving well defined co-ordinated Research & Development projects involving Scientists/Technologists; Industries and Experts:
 - i. Cluster of Projects Meetings on identified Themes in Thrust Areas
 - b. Brainstorming Sessions/Discussion Meetings in Specialized Areas of national importance
- c) Creation of National Facilities

For submission of project proposals and financial assistance: <http://www.dst.gov.in/scientific-programme/idp-form.pdf>

For More Details: <http://www.dst.gov.in/scientific-programme/t-d-idp.htm>

Natural Resources Data Management System (NRDMS) (DST)

This programme is a multi-disciplinary and multi-institutional R&D programme of the Department of Science and Technology, aimed at developing methodologies for building and promoting the use of spatial data management and analysis technologies in local area planning. In the context of NRDMS, any natural resource, which is important for local area development, is relevant for study. For developing necessary inputs for local planning strategies, NRDMS is supporting several academic and R & D Institutions with projects specially focusing towards the need of local level planning. Emphasis is being given on spatial data management and analysis technology for natural resources management to carry out R & D related to informatics especially the geo-informatics for finding solutions to local

specific problems related to natural resources and provide necessary information to the planners to make objective decisions.

R&D areas of NRDMS:

- Land & Water Management
- Watershed Management
- Natural Disaster Mitigation
- Panchayat Level Resource
- Energy Planning
- Microwave Remote Sensing
- GIS in Local Level development
- Ground Water Studies
- Software Development by R & D Groups

For more on R& D Programs: <http://nrdms.gov.in/programme.asp>

For Project Guidelines/Formats: http://nrdms.gov.in/downloadable_form.asp

Technology Systems Development Programme (DST)

The Programme has two major objectives:

- Development and integration of technologies in identified areas.
- Promote application of advanced technology for improving the performance, value addition and exportability of various products.

Areas Promoted:

- Glass Technology Upgradation
- Development of Technology for Bio-fuels
- Structure Technology for Distress Diagnostics etc
- Information and Communication Technology Systems For Application in Rural Areas
- Water Purification
- Bio-molecular Electronics and Conducting Polymers

For more details on proposals: <http://www.dst.gov.in/scientific-programme/t-d-joint-techsys.htm>

Science for Equity Empowerment and Development (SEED) (DST)

Science for Equity, Empowerment and Development (SEED) Division has been set up under the Department of Science and Technology, established with the broad objectives of providing opportunities to motivated scientists and field level workers to take up action oriented and location specific projects aiming towards socio-economic upliftment of poor and disadvantaged sections of the society through appropriate technological interventions especially in the rural areas. Under this program efforts have been made to associate concerned National Labs or other specialist S&T institutions with each major program so as

to build-in expert input, utilize national S&T infrastructure and link it up with grassroots S&T interventions/initiatives.

For Ongoing & Future Programmes: <http://www.scienceandsociety-dst.org/Programmes.htm>

Guidelines, Terms and Conditions: <http://www.scienceandsociety-dst.org/downloads.htm>

State Science & Technology Programme (DST)

While continuing the catalytic role in encouraging the State Government's initiatives, the department would launch certain programmes of importance identified through various consultations pro-actively. The department would strive to evolve and support certain joint programmes focusing on multi-sectoral area based approach to rural / regional development in co-operation with multiple State & Central Institutions, NGO's and State S&T Councils. These areas would be so identified where S&T intervention could significantly improve the existing socio-economic conditions. Demonstration and Field trials of socially relevant technologies would specially be encouraged. Interaction between State S&T Councils in similar ecological zone has been initiated and would be promoted further in future to facilitate joint S&T Programme formulation.

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 state. DST encourages formulations of proposals through consultative process and interested organisations are welcome to discuss ideas, concepts, proposed activities etc. relevant to state needs.

Guidelines and Format for Submitting of Project Proposals: <http://www.dst.gov.in/scientific-programme/call-for-papers/guidelines.pdf>

For Current Proposal visit: http://www.dst.gov.in/scientific-programme/s-t_scst.htm

Department of Biotechnology (DBT)

DBT invites research proposals in prescribed format on various topics.

Call for Proposals: http://dbtindia.nic.in/uniquepage.asp?id_pk=60

Board of Research in Fusion Sciences & Technology (BRFST)

BRFST invites research proposals in prescribed format on various topics.

Forms & Formats: <http://www.nfp.pssi.in/documents/Docs%20for%20new%20projects.rar>

Research areas & More Details: http://www.nfp.pssi.in/documents/research_areas.html

Indo-US Science & Technology Forum (International)

The Indo-US Science and Technology Forum solicits proposals twice per year for activities, events, and initiatives that promote interactions between the scientific and research communities in India and the US. Proposals are peer reviewed in both the US and India, and awards are announced.

Call for proposals & formats:

<http://www.indousstf.org/fullstory.aspx?storyheadline=Call%20for%20Proposals&prevmytitle=Call%20for%20Proposals§ionid=S33>

Human Frontier Science Program (International)

HFSP is an international program of research support, funding frontier research on the complex mechanisms of living organisms. Research is funded at all levels of biological complexity from biomolecules to the interactions between organisms. Research grants are provided for teams of scientists from different countries who wish to combine their expertise in innovative approaches to questions that could not be answered by individual laboratories.

Information & Guidelines: <http://www.hfsp.org/funding/research-grants/information-and-guidelines>

For More Details: <http://www.hfsp.org/funding/research-grants>

Japan Society for the Promotion of Science (International)

JSPS invites online research proposals in prescribed format on various topics.

For Guidelines & Forms: <http://www.jsps.go.jp/english/e-bilat/call.html>

Wellcome Trust/DBT India Alliance (International)

This scheme supports outstanding researchers of any nationality, either medically qualified or science graduates, who wish to pursue a research career in an academic institution in India. Applicants must have demonstrated their ability to lead an independent research project and group.

For More Details: <http://www.wellcomedbt.org/index.html>

The Leverhulme Trust (International)

The aim of these awards is to provide financial support for innovative and original research projects of high quality and potential, the choice of theme and the design of the research lying entirely with the applicant (the Principal Investigator). The grants provide support for the salaries of research staff engaged on the project, plus associated costs directly related to the research proposed, and the award is paid directly to the institution at which the applicant is employed.

Application Details: http://www.leverhulme.ac.uk/funding/RPG/app_procedure.cfm

For More Details: <http://www.leverhulme.ac.uk/funding/RPG/RPG.cfm>

Indo-French Centre for the Promotion of Advanced Research (IFCPAR) (International)

The primary objective of supporting collaborative research projects between Indian and French scientists is to complement the expertise and strength of high quality research groups in advanced areas of science and technology thereby promoting excellence in science.

For collaborative research projects the following are necessary

1. At least two scientists, one each from India and France as Principal Collaborators
2. Joint Collaborators (2-3) on both sides are welcome, but their contributions to the project may be clearly defined
3. Research project must be on a current topic and can be chosen in any field of science and engineering, including medicine
4. The research topic chosen must complement the strengths and expertise of the research groups.
5. The collaborators must submit the project as per the prescribed format (available under down-load forms)

Forms & formats: <http://www.cefipra.org/section.aspx?catid=824&langid=1>

For more details: <http://www.cefipra.org/home.aspx?langid=1>

UK-India Education and Research Initiative (UKIERI) (International)

UKIERI is now accepting proposals for the following strand activities:

For details & forms: http://www.ukieri.org/third_call_for_bids_2013-14.html

Prospective Sponsoring agencies for Financial Support for Organising Conference / Seminar / Workshop / Symposium

Following are a tentative list of prospective sponsoring agencies for financial support for organising symposium / seminar / conference / workshop. There can be more number of sponsoring agencies and more number of schemes, which the faculty members are requested to individually make efforts and apply. The information given below is not complete and may change. Hence the faculty members are also requested to visit the respective notices/web sites for detailed and updated information.

Council of Scientific & Industrial Research (CSIR)

CSIR's Symposium Grant is provided for organizing a symposium / seminar / conference / workshop etc. in India.

Application Proforma: <http://csirhrdg.res.in/smform.doc>

Symposium / Conference Grant-in-Aid Bill Format:

<http://csirhrdg.res.in/smgrantinbillform.doc>

Form GFR-19 A: <http://csirhrdg.res.in/SM%20FORM%20GFR%2019.pdf>

Science and Engineering Research Board (DST)

The Programme extends partial support on a selective basis, for organizing seminar / symposia/ training programmes / workshops / conferences at national as well as international level. The support is provided to Research Institutes/ Universities/Medical and Engineering Colleges and other Academic Institutes/ Professional Bodies who organize such events for the scientific community to keep them abreast of the latest developments in their specific areas. The support is generally given for encouraging participation of young scientists and research workers in such events and publication of proceedings / abstracts for wider dissemination. The Programme also supports S&T Professional bodies.

Formats and Guidelines: <http://www.serb.gov.in/formats.php#apbs>

Department of Biotechnology (DBT)

DBT provides financial assistance towards organizing Conference/ Seminar/ Symposium/ Workshop and Travel support to the researchers for presenting their papers in the conferences which are being organised outside the country. It also extends support for organising DBT stalls in Exhibitions held within the country as well as outside the country. Financial supports are also provided for organising Popular Lectures. The collective term for these four

activities is CTEP (Conference, Travel, Exhibition and Popular Lectures). The collective term for these four activities is CTEP (Conference, Travel, Exhibition and Popular Lectures).

For More Details: <http://dbtctep.gov.in/>

European Molecular Biology Organization

The EMBO Courses and Workshops Programme funds conferences, workshops, practical courses and symposia that promote collaborations and exchange in the latest life science advances.

For More Details:

http://newsletters.embo.org/news/events_call_to_organizers/june2013/index.html

Indian Council for Medical Research

The Council provides partial financial assistance for organising Seminars/ Symposia/ Workshops.

For Application form: http://icmr.nic.in/seminar_form.doc

For More details: <http://icmr.nic.in/icmrnews/seminar.htm>

Indian National Node for Neuro Informatics

INCNE aids financial support to Indian workshops and short courses in the area of Neuroinformatics and Computational Neuroscience. These applications will be reviewed twice a year in a competitive manner as support is very limited.

Application for Seminar Series in Neuroinformatics:
<http://innni.ncbs.res.in/node/add/seminar-series>

Application for Workshops/Courses in Neuroinformatics and Computational Neuroscience:
<http://innni.ncbs.res.in/node/add/workshop-support>

For More Details: <http://innni.ncbs.res.in/incne>

The Lady Tata Memorial Trust

The trust offers partial financial assistance to Indian Scientific Research Institutions / Laboratories / Bodies for holding Seminars / Conferences / Meetings, etc., within the country as per its disbursal criteria.

For application form: <http://www.ladytatatrust.org/download/PROFORMA-SYMPOSIA-FINSUPPORT.doc>

For More Details: <http://www.ladytatatrust.org/>

TWAS

TWAS is a programme unit within the United Nations Educational, Scientific and Cultural Organization (UNESCO). With funds provided by the Italian government, TWAS encourages the organization of high-level international and regional scientific activities in developing countries by offering financial assistance to the organizers of such events. Deadlines for applications: 1 June for meetings to be held during January-June of the following year, and 1 December for meetings to be held during July-December of the following year. Grants are offered for meetings in the following fields of natural sciences: agricultural, biological, chemical, engineering, geological and medical sciences.

Application form: <http://twas.ictp.it/common/files/files-mtgs/SMe.doc/view>

For more details: <http://twas.ictp.it/prog/meetings/support-for-international-scientific-meetings>

Armaments Research Board (DRDO)

DRDO is promoting innovative/basic research among Academic and Research Institutions across the country through Grant-in-Aid schemes of Research Boards and Dte of ER & IPR. Under these schemes, grants are offered to research organizations/universities/departments/laboratories to carry out research in basic sciences and engineering, setting up of basic facilities/infrastructures and conduct of conference/seminars/symposia/ workshops etc.

For Area of interest and formats: <http://drdo.gov.in/drdo/English/index.jsp?pg=armreb.jsp>

Board of Research in Nuclear Sciences (BRNS)

BRNS considers presentation and discussion of the results of R & D in open meetings as an important activity for the promotion of science and technology. Seminars and workshops are sponsored to promote interaction among active workers. Major national symposia have already been established in areas like nuclear and solid state physics, high energy physics, radiation and photochemistry, radiation and environmental sciences. Organizations seeking financial support to organize symposia and conferences should send the application in the prescribed format

For formats: http://barc.gov.in/brns/brns_symposia.html

National Board for Higher Mathematics (NBHM) (DAE)

The NBHM has various schemes to provide financial support to institutions and individuals to strengthen the mathematical base/potential through study, exchange or other such programs. NBHM provides financial assistance for holding national and international conferences/ workshops/seminars. The quantum of assistance depends on each proposal but will not usually exceed Rs. 1,50,000/- (Rupees one lakh fifty thousand only) for an international conference, and Rs. 80,000/- (Rupees Eighty Thousand only) for a national conference.

Application forms: <http://www.nbhm.dae.gov.in/forms/conference.pdf>

Brochure: <http://www.nbhm.dae.gov.in/forms/brochure.doc>

Indian Space Research Organisation (ISRO)

Under RESPOND programme, financial support is provided to Academic Institutes, Universities, Technical Societies/Associations and others towards organizing Seminars / Symposia / Conference / Workshops etc with themes of relevance to ISRO.

Application form: <http://www.isro.org/scripts/srseminar-form.aspx>

Indian Council of Medical Research

The Council provides partial financial assistance for organising Seminars/ Symposia/ Workshops.

Application forms: http://www.icmr.nic.in/seminar_form.doc

For More Details: <http://www.icmr.nic.in/icmrnews/seminar.htm>

Department of Electronics and Information Technology

DIT support for organizing Conferences, Seminars, Workshops, Symposiums etc. in select areas of Electronics, Information and Communication Technology (ICT)

Formats: <http://www.mit.gov.in/content/proforma>

For More Details: <http://deity.gov.in/content/guidelines-submission-ict>

Ministry of Earth Sciences

The ministry provides financial assistance for organising both National and International Seminars/ Symposia/ Workshops

Application form& Guidelines: http://dod.nic.in/bilingual_LATEST.pdf

Utilisation Certificate format: <http://dod.nic.in/sswc-uc.pdf>

Ministry of Environment & Forests (MoEF)

Seminars / symposia / workshops / conferences proposals for financial assistance should have focus on environment related subjects and or environmental awareness amongst masses.

Guidelines: <http://moef.nic.in/assets/Guidelines-ee-10012013.pdf>

Application form: http://envfor.nic.in/sites/default/files/Application_Seminar27122012_4.pdf

Ministry of New and Renewable Energy (MNRE)

The Ministry provides support to universities, academic institutions/colleges, non-governmental organizations, Government Departments, etc. for organizing workshops, seminars, conferences to provide a forum for professionals, students, policy-makers, managers, economists, industry representatives, etc., to interact and share their views on identified thrust areas related to renewable or any other emerging area impinging on technology, innovation in regard to renewables.

For Guidelines and Formats: <http://mnre.gov.in/file-manager/UserFiles/seminar-symposia-mnre-2013.pdf>

Ministry of Food Processing Industries

The promotional activities of the Ministry are aimed at generating awareness about food processing sector, its growth potential and attractiveness of this sector as an investment destination. Under the scheme, financial assistance is provided for organizing Seminars/Workshops, Studies / Surveys, Exhibitions/Fairs and Study Tours. Scheme also provides for participation of the Ministry in National/International exhibitions/fairs to disseminate information regarding food processing industries, familiarizing the entrepreneurs in modern technologies of production and packaging, development of market and popularization of products as well as attracting investments into the sector etc. Government/Academic Bodies, Industry Associations, NGOs, Cooperatives and other private agencies etc. are eligible to seek assistance under the scheme.

Guidelines: http://mofpi.nic.in/WriteReaddata/PROMOTIONAL_ACTIVITIES.pdf

Ministry of Statistics and Programme Implementation

National Academy of Statistical Administration (NASA) has decided to support the Universities in organizing one day workshops/seminars having adequate relevance to increasing awareness in the field of Official Statistics. Senior Officers from NASA, CSO or other Ministries would interact with the faculty and students at the Universities.

Interested Universities may send their proposal to NASA, well in advance at rc.nasa.india@gmail.com

For more details: http://mospi.nic.in/Mospi_New/site/inner.aspx?status=3&menu_id=225

Japan Society for the Promotion of Science (International)

JSPS invites proposals for research seminar proposals in prescribed format on various topics.

For Guidelines & Forms: <http://www.jsps.go.jp/english/e-bilat/call.html>

Prospective Sponsoring agencies for Financial Support Participating in International Conferences/ Other Travel Related Scientific/Research Work

Following are a tentative list of prospective sponsoring agencies for financial support for participating in national and international Conference and research related work. There can be more number of sponsoring agencies and schemes, which the faculty members are requested to individually make efforts and apply. The information given below is not complete and may change. Hence the faculty members are also requested to visit the respective notices/web sites for detailed and updated information.

Science and Engineering Research Board (DST)

International Travel Support (ITS) ITS scheme is designed to provide financial assistance for presenting a research paper or chairing a session or delivering a keynote address in an international scientific event (conference/seminar/symposium/workshop etc.). In addition, support is also provided to young scientists (age limit 35 years as on date of conference) for attending training programmes and short-term schools/workshops/courses. Economy class air-fare by shortest route, airport-tax and visa fees are provided under the scheme. Registration Fee is provided to young scientist in addition to the above support.

For More Details: <http://serb.gov.in/its.php>

For Formats and Guidelines: <http://serb.gov.in/formats.php#its>

Department of Biotechnology (DBT)

DBT provides financial assistance towards organizing Conference/ Seminar/ Symposium/ Workshop and Travel support to the researchers for presenting their papers in the conferences which are being organised outside the country. It also extends support for organising DBT stalls in Exhibitions held within the country as well as outside the country. Financial supports are also provided for organising Popular Lectures. The collective term for these four activities is CTEP (Conference, Travel, Exhibition and Popular Lectures). The collective term for these four activities is CTEP (Conference, Travel, Exhibition and Popular Lectures).

For Details: <http://dbtctep.gov.in/>

DBT CREST Awards

Department of Biotechnology – Cutting-edge Research Enhancement and Scientific Training-Award AWARD aims to promote capacity building in cutting edge areas of biotechnology

and life sciences. The Award will promote and support scientists of highest merit in their pursuit of skill enhancement in scientific research/training in Overseas laboratories.

Terms and Conditions: http://dbtindia.nic.in/docs/Terms_conditions.doc

Application Form: http://dbtindia.nic.in/docs/Application_Form_DBT%20CREST.doc

Centre for International Co-operation in Science (CICS) INSA-CSIR-DAE/BRNS-CICS Travel Fellowship

CICS(formerly CCSTDS) provides partial travel fellowship/registration/ per diem to scientists/researchers in various disciplines such as Physics, Chemistry, Biology, Mathematics, Medicine, Engineering, Space Science & Technology, Computer Science and Engineering and other related areas to attend international scientific conferences, seminars and workshops abroad.

For more details: <http://www.cics.tn.nic.in/>

Application Form: http://www.cics.tn.nic.in/Travel_Fellowship_Application_Form.pdf

Council of Scientific and Industrial Research

CSIR has a scheme for providing travel assistance to any deserving bright young Indian Research Scholars working in an academic or research institution in India for participating in Conferences, Symposia, etc. held abroad.

For More Details: <http://csirhrdg.res.in/tg.htm>

Application form for Research Scholar: <http://csirhrdg.res.in/tgform.pdf>

Partial Finance Assistance For Regular / Adhoc / Contract Employee (NON CSIR):
<http://csirhrdg.res.in/PFAform.pdf>

All India Council for Technical Education

The Scheme extends financial assistance to attend International Conference / Seminar / Symposium / Workshop in Engineering and Technology, Architecture, Town Planning, Management, Pharmacy, Applied Arts & Crafts and such other areas as per the AICTE act. The scheme is aimed at promoting Research and Development in technical education by way of providing opportunity to the meritorious teachers to interact at International level.

Format for Application: http://www.aicte-india.org/downloads/RID%204_Travel%20Grant.docx

Sir Dorabji Tata Trust

The Sir Dorabji Tata Trust accepts applications for travel grants from candidates who are travelling abroad for advanced training in specialised areas and to participate in workshops. Students who wish to pursue postgraduate studies abroad in the field of natural sciences and humanities are also welcome to apply.

For More Details: <http://www.dorabjitatrust.org/id/71/>

Sir Ratan Tata Trust & Navajbai Ratan Tata Trust

Travel grants are provided to the students proceeding for post-graduate and doctoral studies and for professionals proceeding for their mid-career programmes or to attend relevant and meaningful seminars and conferences abroad.

The grant to students consists of only a partial international airfare from India to the university / organisation abroad. The students proceeding for fall session (July, August and September) are requested to submit their personal application to the Trusts, after finalising the university they intend to join. The last date for applying to the Trusts is May 31 every year. Students proceeding abroad for the spring session are requested to contact the Trusts three / four months prior to their departure, after finalising the university.

For More Details: http://www.srtt.org/individual_grants/travel_grants.htm

Indian National Node for Neuro Informatics

There are three main categories of travel applications listed below:

- Student travel to laboratories around India.
- Attending Computational Neuroscience and Neuroinformatics courses and workshops
- Seminar Series in Neuroinformatics.

Application for Student travel to laboratories around India:

<http://innyi.ncbs.res.in/node/add/student-travel>

Application for Student travel to Computational Neuroscience/Neuroinformatics courses and workshops: <http://innyi.ncbs.res.in/node/add/neuroscience-courses>

For More Details: <http://innyi.ncbs.res.in/incne>

National Board for Higher Mathematics (NBHM) (DAE)

The NBHM has various schemes to provide financial support to institutions and individuals to strengthen the mathematical base/potential through study, exchange or other such programs. NBHM provides partial or full travel assistance to mathematicians for attending conferences, symposia, summer schools etc. within the country or abroad.

Application forms: <http://www.nbhm.dae.gov.in/docs/TG-APP-DOC.doc>

Brochure: <http://www.nbhm.dae.gov.in/forms/brochure.doc>

NBHM provides assistance to teachers to make short-term visits of at least six weeks and maximum six months duration to another institution in India for joint work etc.

Indian Council of Medical Research (ICMR)

The Scheme provides financial assistance for presenting research paper or chairing a session or delivering a keynote address in an international scientific event (conference/seminar/symposium/workshop etc) to Non-ICMR Bio-medical Scientists. In addition, support is also provided to young scientists (age limit 35 years as on date of conference) for attending training programmes and short-term schools/workshops/courses.

For Application form: http://icmr.nic.in/forms/non_travel_form.doc

For More Details: http://icmr.nic.in/forms/travel_non_icmr.htm

Boehringer Ingelheim Fonds (BIF) (International)

Travel grants are awarded for short-term visits of up to 3 months. BIF provides a flat-rate contribution which may cover the expenses for travel, lodging and course fees.

For Terms and Conditions: <http://www.bifonds.de/fellowships-grants/travel-grants/conditions.html>

For More Details: <http://www.bifonds.de/fellowships-grants/travel-grants.html>

Application forms: <http://www.bifonds.de/fellowships-grants/travel-grants/application.html>