

## **COUNTRY SPECIFIC AND JOINT FUNDING FOR RESEARCH, CONFERENCES, TRAVEL**

### **INDIAN-BASED RESOURCES**

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(1) Department of Science and Technology (DST)

Decisions typically take 3-6 months. Bilateral agreement with US Nat'l Sci Foundation

Contact Address:

Department of Science & Technology, Technology Bhawan,  
New Mehrauli Road, New Delhi – 110 016

fax: (011) 26963695

<http://www.dst.gov.in>

<http://www.serb.gov.in/>

The Science and Engineering Research Board (SERB) is being set up for promoting basic research in Science and Engineering and to provide financial assistance to scientists, academic institutions, R&D laboratories, industrial concerns and other agencies for such research.

Scientific & Engineering Research

Mission on Nano Science and Technology (Nano Mission)

<http://nanomission.gov.in/>

Fund for Improvement of S&T Infrastructure in Universities and other

Higher Educational Institutions (FIST)

Sophisticated Analytical Instrument Facilities (SAIFs)

- Deep Continental Studies (DCS)
- Himalayan Glaciology (HG)
- Indian Climate Research Programme (ICRP)
- Instrument Development Programme (IDP)
- International S&T Cooperation (ISTC)
- Joint Technology Projects under STAC/IS-STAC
- Monsoon and Tropical Climate (MONTCLIM) & Agrometeorology
- Natural Resources Data Management System (NRDMS)
- Pharmaceuticals Research & Development Support Fund (PRDSF) Program
- Program Advisory Committee on Earth Sciences (PAC-ES): R&D Project Scheme
- Science & Engineering Research Board(SERB)
- Science & Society Programmes (SSP)
- Seismology Programme (SP)
- State Science & Technology Programme (SSTP)
- Technology Development Programme (Joint Technology –Technology System Programme)
- Utilisation of Scientific Expertise of Retired Scientists (USERS)

## SERC Fast Track Scheme For Young Scientists (FAST)

FAST track Young Scientists programme, Initiated in the year 2000, is aimed at providing quick research support to young scientists to pursue their bright ideas in newly emerging and front line areas of research in science and engineering. This is also to encourage S&T institutions, professional bodies and other agencies including State S&T Councils to develop S&T programs involving young scientist. The Department implemented a policy change and opened up submission of proposals under the FAST Track Scheme for Young Scientists. Now, Young Scientists can submit proposals anytime of the year, subject to eligibility.

Under this scheme, the upper limit for duration of the project is 3 years with total cost limited to Rs.17.00 lakhs (excluding Overheads). The Young Scientist not drawing any fellowship/salary are eligible for a lump sum fellowship of Rs. 20,000 per month apart from grants under travel, contingency, consumables and minor equipments. The institute that hosts the project on approval gets a grant of 20% of project cost as overheads.

### (2) Council of Scientific and Industrial Research (CSIR)

Contact Address:

The Head, Human Resource Development Group  
Council of Scientific and Industrial Research,  
CSIR Complex, Library Avenue, Pusa  
New Delhi – 110 012, Tel. Nos: (011) 25748632, 25721585  
Fax. No: (011) 25840887, 25860595,  
E-mail: [csircx@nda.vsnl.net.in](mailto:csircx@nda.vsnl.net.in),  
Website: <http://csirhrdg.res.in>

### I. Research

To promote research work in the field of S&T including agriculture, engineering and medicine. Multi-disciplinary projects which involve inter-organizational cooperation (including that of CSIR Laboratories) are also considered. Preference is given to schemes which have relevance to research program of CSIR laboratories.

ii. Sponsored The Directors of CSIR laboratories may invite applications for research grants in specific areas of interest to their respective laboratories.

They will forward these to the CSIR HRD Group. The scheme enables the CSIR laboratories to interact with university system, so that the CSIR laboratory can take the help of the faculty there to undertake part of the work of its core programme, for which it either does not have the time and or expertise.

### II. Emeritus Scientist Scheme

To provide support to superannuated outstanding scientists to pursue research in their respective field of specialization and having relevance to the program of CSIR.

### III. Research Fellowships

- i) Shyama Prasad Mukherjee Fellowship / Senior Research Associateship
- ii) Recognition of Excellence / Shanti Swarup Bhatnagar Prize
- iii) CSIR Young Scientist Award

(3) Defense Research and Development Organization (DRDO)

Contact Address :

The Director, Directorate of Extramural & Intellectual Property Rights  
Defense Research & Development Organization, West Block 8, Wing 5, 1<sup>st</sup> Floor, R.K. Puram  
New Delhi – 110066, Telefax: 011-26170928 ,  
[erip\\_er@drdohq.res.in](mailto:erip_er@drdohq.res.in)

[www.drdo.com](http://www.drdo.com)

i. Extramural Research

§ Research sponsored in academic institutions under the extramural research (ER) scheme For scientific or technological progress in the broad topic area of relevance to military R&D. n§The ER scheme also supports the instrumentality of Memoranda of Collaboration (MoC) between DRDO Laboratories & Establishments and academia.

(4) University Grants Commission (UGC)

Contact Address

The Secretary, University Grants Commission, Bahadur Shah Zafar Marg New Delhi – 110002 ,Tel. No:  
(011) 23234019, 23236350 ,Fax. No.: (011) 23239659  
[www.ugc.ac.in](http://www.ugc.ac.in)

(5) All India Council for Technical Education (AICTE)

Contact Address:

Adviser-II, RID Bureau, All India Council for Technical Education  
NBCC Building, East Wing, 4th Floor, Pragati Vihar, Bhisham Pitamah Marg, New Delhi –110003, Telefax  
No: (011) 24369632,  
[rid@aicte.ernet.in](mailto:rid@aicte.ernet.in) [www.aicte.ernet.in](http://www.aicte.ernet.in)

i) Research & Institutional Development

- a) Modernization & Removal of Obsolescence Scheme (MODROBS)
- b) Research Promotion Schemes (RPS)

RPS aims to create research ambience by promoting research in technical disciplines and innovations in established and emerging technologies; and to generate Masters and Doctoral degree candidates. The three research avenues within RPS are the following:

§ Proof of Concept work – Independent research activity which can lead to growth of knowledge/process in an area, which can grow into a major project. Funding for such projects would be limited to a one time grant of Rs. 5-10 lakhs.

§ Capacity Building for research – A young faculty (30 years limit) with grant of Rs. 10-12 lakhs, is encouraged to carry out research at Doctoral level in a reputed institution. The funding can be used for both drawing of salary during leave

without pay condition and towards purchase of equipment to carry out research in a Novel area. § Patentable technology development by a group of faculty members, having proven track record, who aim at developing new research facilities, at the parent institution, being motivated chiefly by high-end output such as patentable technologies. Funding to such projects would be limited to a one time grant of Rs. 20 lakhs.

ii) Industry-Institute Interaction Schemes

a) Industry Institute Partnership Cell (IIPC)

To establish institute-industry liaison by encouraging: (1) conduct of industrial training programmes (2) facilitating exchange of resource personnel (3) carry out industrial R&D (4) conduct of industrial visits (5) developing appropriate curricula and (6) undertake consultancy services, etc.

b) Entrepreneurship Development Cells (EDC)

To encourage students to consider self-employment as a career option and provide training in entrepreneurship.

c) National Facilities in Engineering & Technology with Industrial Collaboration (NAFETIC)

To establish national level facilities in the frontier areas of Engineering & Technology through collaboration between industry(s) and institutions for product development, basic research, trouble shooting, consultancy, testing & training purposes.

d) Nationally Coordinated Project (NCP)

To plan, coordinate & execute integrated R&D programmes at national level by a group of institutions. The technical/ financial/ administrative deliverables are to be spelled out clearly by the networking institutions with the lead institution being an IIT/IISc/IIM/NIT.

The areas of support include Engineering and Technology, Architecture, Town Planning, Management , Pharmacy, Hotel Management and Catering Technology, Applied Arts and Crafts etc.

(6) Aeronautics Research & Development Board

Contact Address

Secretary, AR&DB, Defence Research & Development Organization  
332, 'B' Wing, Sena Bhawan, New Delhi – 110 011, Tel. No: (011)  
23014034, Fax. No.: (011) 23793004,  
[ar db@drdo.com](mailto:ar db@drdo.com)

[www.drdo.com/boards/ar db/default.htm](http://www.drdo.com/boards/ar db/default.htm)

Government has set up Aeronautics Research & Development Board to coordinate, fund and sensitize futuristic, scientific technological areas having potential application for aeronautical systems, at academic institutions and national scientific laboratories. For this purpose, Grants-in- Aid of Rs. 5 Crores per year has been earmarked. The objectives are: § the Aeronautics R&D Board has instituted a Grants-in-Aid Scheme to nurture the available research talent and to develop facilities in IITs, Universities, Higher Technological Institutes, Colleges and other research centers 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 and their operation. § besides the projects activities, the Board promotes Centres of Excellence in selected areas like Computational Fluid Dynamics, Systems Design & Engineering and Composite Structures Technology. Some more centers are under consideration. § the Board also promotes Seminars, Presentation of papers in India & abroad, Writing of books, and promoting airmindedness in School children.

(7) Department of Atomic Energy (DAE)

Contact Address:

The Scientific Secretary / Programme Officer ,BRNS Secretariat  
Department of Atomic Energy ,1st Floor, Central Complex,  
BARC, Trombay , Mumbai-400 085 . Tel. No: (022) 25505223/  
25593946/25595331/ 25595386  
Fax : (022) 25505151/ 25519613,  
[drppc@barc.ernet.in](mailto:drppc@barc.ernet.in)/ [trehan@barc.ernet.in](mailto:trehan@barc.ernet.in)/ [gnpandey@barc.ernet.in](mailto:gnpandey@barc.ernet.in)

1. R&D Projects

Fostering research capabilities and manpower development in universities and similar institutions of higher learning and research.

2. Symposium/Conference/Workshop

To promote large scale interactions in various disciplines of science and technology that are of interest to DAE.

3. DAE Young Scientists Research Award

To support young scientist below the age of 35 years in their initial years of settling down in a career of R&D.

4. Dr. K.S. Krishnan Research Associateship

To support talented science and engineering research scholars

5. Raja Ramanna Fellowship

To utilize the services of active retired scientists/engineers and technologists, who have been involved in high quality research in their specialized discipline in the units of the DAE or any National Laboratory or University/Institute

6. Visiting Scientists

To promote close interactions on specialized scientific and technical topics between the scientists and technologists from DAE and Universities/IITs/IISc/ National Labs.

7. Homi Bhabha Chair Professorship

These Chairs are instituted in recognition of sustained record of excellence and creative contribution to research and / or teaching in the area of interest to DAE.

8. DAE Graduate Fellowships

To provide excellent career opportunity to students qualifying for admission to the M.Tech Course in Indian Institute of Technology at Mumbai, New Delhi, Kanpur, Kharagpur, Chennai or Roorkee.

9. DAE Graduate Fellowships for Ph.D.

To provide an opportunity to work on projects of interest to DAE to those students who aspire to attain the highest academic qualification, (ii) to achieve the basic objective of strengthening linkages between the grant-in-aid institutions and the research centres for the benefit of advancing the pace of research in nuclear sciences, and (iii) to accelerate the speed to translating R&D into technology products and their applications.

10. DAE-SRC Award

The core objective is to augment support to individual research workers with highly innovative ideas and with proven abilities to pursue advanced research in frontier areas of science and engineering at an accelerated

pace.

(8) Department of Biotechnology (DBT)

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  
Website: [www.dbtindia.gov.in](http://www.dbtindia.gov.in), [www.btisnet.gov.in](http://www.btisnet.gov.in),  
[www.dbtindia.gov.in/organisation/nodal.htm](http://www.dbtindia.gov.in/organisation/nodal.htm)

(9) Department of Ocean Development (DOD)

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  
E-mail: [venkat@dod.delhi.nic.in](mailto:venkat@dod.delhi.nic.in) ,Website: [www.dod.nic.in](http://www.dod.nic.in)

I. Name of scheme(s)

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

Areas of research support

The areas of support include newly emerging and front-line areas of Marine Geology and Geophysics, Marine Coastal Ecology, Marine Biology, Marine Microbiology, Coastal Marine Culture Systems, Marine Benthos, Beach Placers, Ocean Engineering and Under Water Robotics.

(10) Department of Scientific and Industrial Research (DSIR)

Contact Address:

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 : [sv@nic.in](mailto:sv@nic.in), Website : [www.dsir.gov.in](http://www.dsir.gov.in)

The Department of Scientific and Industrial Research (DSIR) is a part of the Ministry of Science and Technology, which was announced through a Presidential Notification, dated January 4, 1985. The Department of Scientific and Industrial Research (DSIR) has a mandate to carry out the activities relating to indigenous technology promotion, development, utilization and transfer.

The various schemes available are

Technology Promotion, Development and Utilization Programmes & its Components.

(11 ) Indian Space Research Organisation (ISRO) – Department of Space

Contact Address

## RESPOND

Deputy Director, RESPOND

ISRO Headquarters ,Antariksh Bhawan  
New BEL Road ,Bangalore – 560 094Tel. No:  
(080) 23416271 ,Fax. No: (080) 23419190

E-mail: [scc@isro.org](mailto:scc@isro.org) ,Website: [www.isro.org](http://www.isro.org)

## SPACE SCIENCE PROMOTION (SSP)

Programme Director ,Space Science Office

ISRO Headquarters , Antariksh Bhawan

New BEL Road ,Bangalore–560094

Tel. No: (080) 23415269 ,Fax. No: (080) 23415269

E-mail: [ananth@isro.org](mailto:ananth@isro.org) ,Website: [www.isro.org](http://www.isro.org)

The various schemes available are

1. ISRO Sponsored Research Programme (RESPOND)

2. Space Science Promotion (SSP)

The Areas of research support include Space science, application,  
technology, space communication, earth resources survey, meteorology and  
satellite geodesy.

(12) Ministry of Communications & Information Technology (MOCIT)

## Contact Address

The Secretary , Ministry of Communications & Information Technology  
Department of Information Technology , Block-6, Electronics Niketan, CGO  
Complex

Lodi Road, New Delhi – 110003 ,

Tel. No.: (011) 24364041 ,Fax No. (011) 24363134

E-mail: [secretary@mit.gov.in](mailto:secretary@mit.gov.in) , Website: [www.mit.gov.in](http://www.mit.gov.in)

## Department of Information Technology

### I. Name of scheme(s)

1. Microelectronics & Nanotech Development Programme

2. Technology Development Council

3. Convergence, Communication &Strategic Electronics

4. Components & Material DevelopmentProgramme

5. Electronics in Health

6. Human Computer Interface – TDIL

7. E- Commerce & Info-Security

8. IT for Masses (Telemedicine)

9. Media Lab Asia

10. Photonics Development

11. Industrial Applications

The Areas of research support include Information

Technology(Hardware/Software), Convergence, Communication & Broadband

Techniques, Micro-electronics & Photonics, Industrial Electronics ·

E-Commerce & Information Security, Nanotechnology, Electronic Components &

Material, Strategic Electronics, Rural Application, Health &

Biotechnology, Materials and Components including Microwaves & Millimeter waves, Emerging Areas of Information Technology, Human Computer Interface/Language Technology

(13) Ministry of Environment and Forests (MOEF)

Contact Address:

Adviser , Research Division , Ministry of Environment and Forests  
Paryavaran Bhavan, Block No. 2 , CGO Complex, Lodi Road  
New Delhi – 110003 , Tel.No: (011) 24362840 , Fax: (011) 24368654  
E-mail: [rmehta52@yahoo.com](mailto:rmehta52@yahoo.com) , Website: [www.envfor.nic.in](http://www.envfor.nic.in)

1. Environmental Research Programme (ERP)
2. Ecosystems Research Scheme (ERS)
3. Eastern and Western Ghats Research Programme (E&WRP)
4. Biosphere Reserves
5. Mangroves and Coral Reefs
6. Wetlands
7. National Natural Resources Management System (NNRMS)
8. Ganga Action Plan/National River Conservation Programme
9. Research and Consultancy Projects in Wildlife

(14) Ministry of Non-Conventional Energy Sources (MNES)

Contact Address

Director (R&D) , R&D Division , Ministry of Non-Conventional Energy Sources  
Block No. 14, C.G.O. Complex, Lodi Road , New Delhi – 110003  
Tel. No: (011) 24361604 , Fax. No: (011) 24367413 ,  
E-mail: [shuklaar@nic.in](mailto:shuklaar@nic.in) , Website: [www.mnes.nic.in](http://www.mnes.nic.in)

The Ministry promotes renewable energy technologies in the areas of biomass energy, solar thermal and solar photovoltaics, wind energy and small hydro power. It also promotes and supports studies and research in new technology areas such as tidal energy, geothermal energy, alternate fuels for transportation, hydrogen energy and fuel cells. The programmes of the Ministry are actively involve research institutions, universities, industries and non-governmental organizations.

§ Industry/Institution Participation in Research and Development Projects

To encourage public as well as private industrial sector for research and development in NRSE sector on cost sharing basis.

The Areas of research support available are · New Technologies · Solar Thermal · Solar Photovoltaics · Wind Energy · Biomass Energy · Small Hydro

(15) Ministry of Power, Central Power Research Institute (CPRI)

Contact Address

Joint Director(R&D) , Central Power Research Institute , Ministry of Power  
P B No.8066 , Bangalore 560 080 , Tel No: (080) 23605367 , Fax No: (080)



23601213

E-mail: [babu@powersearch.cpri.res.in](mailto:babu@powersearch.cpri.res.in) , Website:  
<http://powersearch.cpri.res.in>

§ Research Scheme on Power (RSOP)

The scheme provides funds for carrying out need based research projects in power sector including solving of power system operational problems and the research areas include · Power system planning, improvement, studies, Diagnostic and condition monitoring of power system equipments. · Reliability enhancement of power station equipment etc

(16) Ministry of Water Resources (MOWR)

Contact Address

Director , R&D Division, PP Wing , Ministry of Water Resources  
1st floor, Wing -4, West Block -1 , R K Puram New Delhi-110066  
Tel. No: (011) 26104082 Fax. No: (011) 26104082 ,E-mail:  
[watrnd-mowr@nic.in](mailto:watrnd-mowr@nic.in) , Website:  
[www.wrmin.nic.in](http://www.wrmin.nic.in)

§ Research & Development for Water Resources Management

To find practical solutions to the country's water resources related problems, to improve available technology and engineering methods and procedures. The areas of research support include INC Subject Domain, INCH Management of Floods, Hydraulic Structures (including masonry and concrete structures), River and Estuarine Hydraulics, River Morphology, Ground Water,Hydraulics, Instrumentation for Seismic and Geophysical Measurements, Open Channel,Flow, Pipe Flow, Hydraulic Machinery, City Water Supply and Ports and Harbours,INCOH Meteorology, Surface Water Hydrology, Evaporation Control, Ground Water Hydrology and Management, Instrumentation, Real Time Systems, Application of GIS and Remote Sensing INCID Irrigation, Drainage, Agronomy, Water Management, Environmental Impact and Socio- Economic Aspect of Water Resources Projects, Platiculture Development, Geo-textiles INCGE Rock Mechanics & Tunneling Technology; Soil Mechanics & Foundation Engineering; and Instrumentation and Measurement Techniques INCCMS Construction Materials, Concrete Technology and Structures.

(17) Science and Technology Application for Rural Development (STARD)

Science and Society Related Programmes

Contact Address

The Head, Sci.& Society Division, Dept. of Sci. & Technology, Technology Bhavan, New Mehrauli Road, New Delhi – 110 016,  
e-mail: [sunilag@alpha.nic.in](mailto:sunilag@alpha.nic.in) ,web: [www.scienceandtechnology-dst-org](http://www.scienceandtechnology-dst-org).

Fax: 26864570, 26863847, 26862418 ,Tel: 011-26567373 Extn. 298

(18) Science & Technology for Weaker Sections (STAWS).

Science and Society Related Programmes  
Contact Address

The Head, Sci.& Society Division, Dept. of Sci. & Technology, Technology Bhavan,  
New Mehrauli Road, New Delhi – 110 016 ,  
e-mail: [sunilag@alpha.nic.in](mailto:sunilag@alpha.nic.in) ,web: [www.scienceandsociety.dst.org](http://www.scienceandsociety.dst.org).  
Fax:26864570, 26863847, 26862418 ,Tel:011-26567373 extn. 298

(19) Indian National Science Academy ( INSA)

Contact Address

The Chairman, Indian National Science Academy,  
Bahadur Shah Zafar marg, New Delhi –110002  
e-mail: [insa@iasd101.vsnl.net.in](mailto:insa@iasd101.vsnl.net.in) , [insa@delnet.ren.nic.in](mailto:insa@delnet.ren.nic.in) ,web:  
[insa1@ndf.vsnl.net.in](mailto:insa1@ndf.vsnl.net.in)  
Fax: 91-11-23235648/23231095 ,Tel: EPBAX No. 23221931 to 23221950

(20) Haryana State Council for Science & Technology  
Contact Address

Joint Director, Haryana State Council for Science & Technology,  
SCO 24, Sector 26, Chandigarh 160026 (Haryana)  
e-mail: [sthry@chd.nic](mailto:sthry@chd.nic)  
Fax: No : 2770808 ,Tel: (o) :2770189/2770380/2549630

(21) Indian Council of Social Science Research( ICSSR)  
Contact Address

The Director,  
Indian Council of Social Science Research( ICSSR)  
P.O. Box. 10528, Aruna Asaf Ali Marg,  
New Delhi 110067.  
e-mail: [icssr@ride.vsnl.net.in](mailto:icssr@ride.vsnl.net.in)  
web: [www.icssr.vsnl.net.in](http://www.icssr.vsnl.net.in)  
Fax: 26321689, Tel: 011- 26321689

(22) Third World Academy of Sciences ( TWAS)

Contact Address

Executive Director,  
Third World Academy of Sciences ( TWAS), c/o the Abdus Salam International  
Centre for Theoretical Physics  
( ICTP), P.O. Box 586 Via Beirut 6 34100 Trieste Italy.  
e-mail: [info@twas.org](mailto:info@twas.org).

web: <http://www.org/activities.html>.  
Fax:+39 040 224559 ,Tel: +39040 2240387

(23) United Nations Educational, Scientific and Cultural Organisation.  
Contact Address

The Executive Director,  
Third World Academy of Sciences, c/o The Abdus Salam International Centre  
for Theoretical Physics (ICTP), Strada Costiera 11- 340 14 Trieste Italy  
e-mail: : [info@twas.org](mailto:info@twas.org).web:<http://www.org/activities.html>  
Fax: + 39 040 224559, Tel: + 39040 2240387

(24) British Council

Contact Address

The Facilitator, British Council  
17, Kasturba Marg  
New Delhi 110001.  
e-mail: [bc@vsnl.net.in](mailto:bc@vsnl.net.in)  
web: [www.bc.res.in](http://www.bc.res.in)  
Fax : 27689744  
Tel : 011-24689744

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

Contact Address

Indo French Centre for the Promotion of Advanced Research (IFCPAR)  
5B, Ground Floor,  
India Habitat Centre, Lodhi Road, New Delhi – 110 003, India  
PBAX lines: +91-11-2468 2251 /2463 3567 Fax: (+91-11) 2464 8632  
email: [director@cefipra.org](mailto:director@cefipra.org)

The project proposal are accepted in the area of Pure and Applied  
Mathematics, Computer and Information Sciences, Life and Health  
Sciences, Pure and Applied Physics, Pure and Applied  
Chemistry, Instrumentation, Earth and Planetary Sciences, Material  
Sciences, Environmental Sciences, Others.

(26) DST (BOYCAST) Fellowship

Contact Address

The Secretary (Attn.: Joint Adviser & Head-Human Resources),  
Department of Science & Technology, Technology Bhavan, New Mehrauli Road,

New Delhi 110 016.

Dr. P.K. Malhotra, Scientist 'G',  
SERC Division (BOYSCAST Programme),  
Department of Science & Technology, Technology Bhavan,  
New Mehrauli Road, New Delhi-110016

Better Opportunities for Young Scientists in Chosen Areas of Science & Technology (BOYSCAST) Fellowship, invites application from all the PG graduates/ PhD holders (Engineering/ Technology/ MD) to do advanced research for a period of three to twelve months abroad

It provides opportunities to the young Indian scientists to visit institutions abroad, interact with scientists there, get trained in latest research techniques and conduct R&D in specially chosen frontline areas of science & technology.

Research areas:

Atmospheric and Earth Sciences, Chemical Sciences, Engineering Sciences, Life Sciences, Mathematical Sciences, Physical Sciences

Eligibility: Master's Degree in Engineering/Technology or equivalent or M.D. in Medicine or equivalent with research experience or Ph.D. in Science/Engineering or equivalent. Age upto 35 years (as on 1st April), SC/ST/OBC and women candidates may be allowed relaxation in the age limit upto 5 years. The candidate should hold regular position in recognised Science and Technology Institution and should be actively engaged in research in the relevant area.

An Institution abroad should have expressed its willingness to accept the applicant on a BOYSCAST fellowship for training/ research based on their proposed research work plan, past research experience and publication record indicating, period of stay necessary to complete the work.

Sponsorship: Candidates must be officially sponsored (their applications to be formally forwarded) by their employer/ head of the institution or agency with the commitment to depute them for research/ training under BOYSCAST scheme.

(27) PEER Science NSF for Indian Partners

<http://sites.nationalacademies.org/pga/dsc/peer/index.htm> US partner must have existing NSF Award and NSF provides resources for partner institution support

## JOINT FUNDING RESOURCES

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(28) Collaborative Funding Links for US and Indian Scholars:

<http://www.indousstf.org/fullstory.aspx?storyheadline=UsefulLinks&prevmytitle=UsefulLinks&sectionid=S28>

(29) US Indo Science and Technology Forum

<http://www.indousstf.org/default1.aspx>

**□ Grant-in-aid opportunity for Commercializing Technologies with Societal Impact!□**

The next call for the USISTEF Program is going to be announced tentatively in mid-May 2017. In preparation for that, we would like to share with you that the format for the 8th Call is likely to be somewhat different as compared to previous Calls. The underlying philosophy remains the same – that the project be driven by S&T innovation, duly supported by a strong business model, and jointly implemented by an Indian and a U.S. partner. Details about the format will be posted on the USISTEF website in due course of time.

Potential Applicants are advised to take this time to put together the conceptual framework for their application, since the actual window for submission will be limited to 4-6 weeks. For those of you who are looking for a potential partner in the U.S. or India; please visit the □ Find a Partner” corner on our website at <http://iusstf-ef.ciiindia.org/findpartnertc>

We look forward to partnering with you to unlock the true potential of your idea!

<http://www.usistef.org/pdf/USISTEF-Next-Call-Update.pdf>

(30) US Indo Education Foundation

<http://www.usief.org.in/Fellowships-for-Indian-Citizens.aspx>

GIAN Courses opportunities for foreign faculty 30% of proposals on GIAN have been approved centrally within the Government of India, but at IIT M, more than 90% approved (110 scholars to date).

GIAN – Next Round called VAJRA foreign faculty will come and spend 3 months a year doing research.

\$15K salary for 1<sup>st</sup> month teaching short courses in India with \$10 K for each month for 2 months (\$35 K proposition).

<http://www.gian.iitkgp.ac.in/>

<http://www.vajra-india.in/>

Gov't of India approved a new program titled Global Initiative of Academic Networks in Higher Education aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources,

accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence.

In order to garner the best international experience into our systems of education, enable interaction of students and faculty with the best academic and industry experts from all over the world and also share their experiences and expertise to motivate people to work on Indian problems, there is a need for a Scheme of International Summer and Winter Term. During the 'Retreat' of IITs with Minister of Human Resource Development Smt. Smriti Zubin Irani on 29th June, 2014 at Goa, it was decided that "A system of guest lectures by internationally and nationally renowned experts would be evolved along with a comprehensive Faculty Development Program, not only for new IITs, IIMs, IISERs but also other institutions in the country."

More details TBA by Government of India: Visiting Advanced Joint Research Faculty Scheme: <http://www.vajra-india.in/>

Invite MSU faculty - \$15K month 1, \$10K for each of 2 successive months

**US-BASED RESOURCES**

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(31) Fulbright (Travel and Stipend) <http://www.cies.org/country/india>

Flex Awards for Faculty <http://www.cies.org/fulbright-flex-awards>

Doctoral Awards for Students <http://us.fulbrightonline.org/countries/selectedcountry/india>

(32) PIRE <http://www.nsf.gov/pubs/2011/nsf11564/nsf11564.htm>

+ consider supplement request from NFS program officer for international research *supplement* on existing NSF awards

(33) USAID Global Development Labs Development Innovation Ventures: <http://www.usaid.gov/div>

(34-37) Corporate Foundations

- **Fields of Interest:** "Engineering" OR "Engineering/technology"
- **Types of Support:** "Research"
- **Geographic Focus:** "National, International"
- **Applications Accepted:** Yes

<u>Grantmaker Name</u>	<u>City, State/Country</u>	<u>Total Assets</u> (in \$Millions)	<u>Total Giving</u>
<u>Institute of International Education, Inc.</u>	New York, NY	\$21,415,344	\$277,979,921
<u>Packard Foundation, David and Lucile, The</u>	Los Altos, CA	\$6,299,952,716	\$256,130,462
<u>Luce Foundation, Inc., Henry, The</u>	New York, NY	\$764,393,011	\$30,658,138

<u>Grantmaker Name</u>	<u>City, State/Country</u>	<u>Total Assets</u> (in \$Millions)	<u>Total Giving</u>
<u>U.S. Civilian Research and Development Foundation, The</u>	Arlington, VA	\$21,730,181	\$10,286,913
<u>Belgian American Educational Foundation, Inc.</u>	New Haven, CT	\$90,598,179	\$3,058,161
<u>Engineering Information Foundation</u>	New York, NY	\$6,198,004	\$166,567

(34) Sci Val: <http://www.funding.scival.com.proxy2.cl.msu.edu/home>

(35) Newton's List: <http://newtonslis.crdfglobal.org/>

(36) En Grant Scientific: <http://search.engrant.com/Search.aspx>

(37) Pan Am Adv. Studies Institutes  
NSF [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5327](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5327)