



A Comprehensive Guide Book **on** **Government Funding Schemes** **(for Enhancing the Knowledge Economy)**

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A COMPREHENSIVE GUIDE BOOK ON GOVERNMENT FUNDING SCHEMES

(for Enhancing the Knowledge Economy)

This book compiles a brief overview of the 533 funding schemes offered by the Government of India which are available on India Science, Technology & Innovation - ISTI Portal, and 59 Government funding agencies' websites. The book designed for individual, School, Higher Education Institution including Students, Faculty Members, Researchers, Scientists, Entrepreneurs, Women, and Individuals seeking to understand and leverage funding opportunities. This guide book serves as a vital catalyst for the knowledge economy, directly fueling innovation and grassroots development in Puducherry and across India. By efficiently connecting talent with capital, this guide accelerates research and enterprise, contributing decisively to the Vision Puducherry @ 2047 and Viksit Bharat @2047 by transforming ideas into tangible progress for UT of Puducherry and India's growth.

Schemes Classification

<ul style="list-style-type: none">• School Students (9 Schemes)• Graduate Students (16 Schemes)• Post-Graduate Students (33 Schemes)• PhD Scholars (42 Schemes)• Post-Doctoral Fellows (26 Schemes)• Scholarships for Women (11 Schemes)• Faculty and Scientists (31 Schemes)	<ul style="list-style-type: none">• Academia Industry Partnership (29 Schemes)• International Programs (6 Schemes)• Human Resource Development (62 Schemes)• Women Schemes (13 Schemes)• Research and Development (160 Schemes)• Societal Development (26 Schemes)• ICSSR (29 Schemes), AICTE (31 Schemes), ICPR (9 Schemes)
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Understanding the Scheme

Each page of this book breaks down each scheme as:

- Scheme Number with Title
- Focus Area
- Information of the Scheme
- Web Link of the Scheme
- Funding Agency
- Beneficiary/ Classification of the Scheme

Target Beneficiaries

This book is an invaluable resource for:

- Schools/ School Students seeking funding for scholarships.
- Graduate and Post-Graduate Students seeking funding for scholarships or fellowships.
- Ph.D. Scholars and Post-Doctoral Fellows seeking funding for fellowships.
- Researchers seeking funding for research projects.
- Faculty Members seeking funding for scientific projects, foreign travel, publication etc.,
- Entrepreneurs looking to launch or scale their start-ups.
- Educational Institutions seeking funding for infrastructural development, capacity building, etc.,
- Scientists engaging advanced and creative research.
- Women exploring opportunities for advancements.

Key Takeaways

This book serves as a comprehensive guide to understanding and accessing the various funding schemes offered by the Government of India. By providing scheme information, this book aims to empower readers to leverage these opportunities and contribute to India's economic growth by strengthening knowledge economy in all possible ways.

Note: Funding schemes/ Programs/ Links are subject to change. Always verify the latest information on the official websites of funding agency.

ACKNOWLEDGEMENTS

I submit my special thanks for the source of inspiration to the National Institution for Transforming India (NITI Aayog) - Research and Analysis team for two notable publications, '*Expanding Quality of Higher Education through States and State Public Universities*' (February, 2025) and '*Internationalization of Higher Education in India*' (December, 2025), which calls for enhancement of the knowledge economy through education.

I submit my sincere thanks to the India Science, Technology & Innovation (ISTI) Portal, which provided structured access to information on fellowships, scholarships, research funding, and startup opportunities for students, scientists, researchers, youth, and the wider public. I extend my gratitude to the 59 funding agencies from Government of India, which helped map the 533 schemes.

I am profoundly grateful for the unwavering support and strategic direction from **Dr. Sharat Chauhan, I.A.S.**, Chief Secretary, Government of Puducherry, and the Planning and Research Department. Grateful acknowledgement is made to **Dr. A. Muthamma, I.A.S.**, Commissioner-cum-Secretary, Planning and Research Department, whose visionary leadership and constant encouragement provided the initial mandate and sustained momentum for this guidebook compilation. I am deeply grateful to **Smt. R. Sheela**, Director, Planning and Research Department, for her constant support and insightful and meticulous suggestions, which were instrumental in shaping this guidebook. I am also indebted to **Shri K. Tirumalai**, Deputy Director, Planning and Research Department, whose technical reviews and practical suggestions were invaluable in finalizing the guidebook, ensuring its relevance and accuracy.

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It is my sincere hope that this guide serves its purpose well, acting as a trusted companion and a key to unlock the opportunities that government funding schemes offer for enhancing our shared knowledge economy. This guidebook compilation was written in the hope that it simplifies the funding journey, empowers visions, and strengthens the knowledge economy by aligning *Viksit Bharat @ 2047*, *Vision Puducherry @ 2047*, and *Sustainable Development Goals (SDGs)*.

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TABLE OF CONTENTS

WITH SCHEME NUMBERS

1	SCHOOL & SCHOOL STUDENTS (1-9)
2	GRADUATE STUDENTS (10-25)
3	POST GRADUATE STUDENTS (26-58)
4	PH.D. SCHOLARS (59-100)
5	POST DOCTORAL FELLOWS (101-126)
6	SCHOLARSHIPS FOR WOMEN (127-137)
7	FACULTY & SCIENTIST (138-168)
8	SOCIETAL DEVELOPMENT (169-194)
9	ACADEMIA INDUSTRY PARTNERSHIPS (195-223)
10	INTERNATIONAL PROGRAMMES (224-229)
11	HUMAN RESOURCE DEVELOPMENT (230-291)
12	WOMEN SCHEMES (292-304)
13	RESEARCH & DEVELOPMENT (305-464)
14	INDIAN COUNCIL FOR SOCIAL SCIENCE RESEARCH -ICSSR (466-492)
15	ALL INDIA COUNCIL FOR TECHNICAL EDUCATION -AICTE (493-524)
16	INDIAN COUNCIL OF PHILOSOPHICAL RESEARCH-ICPR (525-533)

1. Atal Tinkering Laboratories

Area: All Science Disciplines

Funding Agency

NITI Aayog, Govt. of India

With a vision to ‘Cultivate one Million children in India as Neoteric Innovators’, Atal Innovation Mission is establishing Atal Tinkering Laboratories (ATLs) in schools across India. The objective of this scheme is to foster curiosity, creativity and imagination in young minds; and inculcate skills, such as design mindset, computational thinking, adaptive learning, physical computing, etc. ATL is a workspace where young minds can give shape to their ideas through hands on do-it-yourself mode; and learn innovation skills. Young children will get a chance to work with tools and equipment to understand the concepts of STEM (Science, Technology, Engineering and Math). ATL would contain educational and learning ‘do it yourself’ kits and equipment on – science, electronics, robotics, open-source microcontroller boards, sensors and 3D printers and computers. Other desirable facilities include meeting rooms and video conferencing facility. In order to foster inventiveness among students, ATL can conduct different activities ranging from regional and national level competitions, exhibitions, workshops on problem solving, designing and fabrication of products, lecture series etc. at periodic intervals.

Eligibility: Schools (minimum Grade VI - X) managed by Government, local body or private trusts/society financial.

Support: Atal Innovation Mission (AIM) will provide grant-in-aid that includes a one-time establishment cost of Rs. 10 Lakh and operational expenses of Rs. 10 lakhs for a maximum period of 5 years to each ATL.

School Students

Link: <https://aim.gov.in/atl.php>

2. Dr A P J Abdul Kalam IGNITE Awards

Area: All Science Disciplines

Funding Agency

**National Innovation
Foundation (NIF),
Department of Science
and Technology (DST),
Govt. of India**

National Innovation Foundation (NIF) invites submissions of creative technological ideas/innovations from the students up to Standard XII. NIF dedicates the IGNITE Awards in the loving memory of Dr Kalam. In order to promote creativity and originality in children, NIF has been organising IGNITE - a national competition of original technological ideas and innovations by children, up to Standard XII or the age of 17 years, in or out of school. IGNITE competition is an annual national competition where students are invited to send their original and creative technological ideas and innovations for the same. All practical and useful ideas/innovations may be given financial and mentoring support. In deserving cases, patents will be filed in the students' name at no cost to them. It is also possible that some of the ideas might attract entrepreneurs and these may get licensed for monetary consideration.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/school/dr-p-j-abdul-kalam-ignite-awards-nif>

School Students



3. Kishore Vaigyanik Protsahan Yojana (KVPY)

Area: All Science Disciplines

Funding Agency

**Department of Science
and Technology (DST),
Govt. of India**

The Kishore Vaigyanik Protsahan Yojana (KVPY) is a National Program of Fellowship in Basic Sciences which is initiated and funded by the Department of Science and Technology, Government of India, to attract exceptionally motivated students for pursuing basic science courses and research career in science. The programme has the following objectives a) identify students with talent and aptitude for research b) help them realize their academic potential c) encourage them to take up research careers in science, and d) ensure the growth of the best scientific minds for research and development in the country. Special groups / Committees are set up at IISc to screen the applications and conduct an aptitude test at various centres in the country. Based on the performance in the test, short-listed students are called for an interview which is the final stage of the selection procedure. For receiving a fellowship, both aptitude test and interview marks are considered.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/school/kishore-vaigyanik-protsahan-yojana-kvpy>

School Students

4. National Talent Search Exam (NTSE)

Area: All Science Disciplines

Funding Agency

National Council of Educational Research and Training (NCERT), Govt. of India

National Talent Search Examination (NTSE) is conducted by National Council of Educational Research and Training (NCERT) to identify and nurture the talented students by providing them scholarships. As per the latest revision in 2012, NTSE is conducted for Class X students. The examination consists of Mental Ability Test (MAT) and Scholastic Ability Test (SAT). The amount of scholarship is Rs. 500/- per month for all the students studying in Class XI onwards (irrespective of class/course) except for Ph.D., wherein it is paid as per UGC norms. The scholarships under the current scheme are awarded to the candidates for pursuing courses in sciences and social sciences up to doctoral level and in professional courses like medicine and engineering up to second-degree level subject to the fulfilment of the terms and conditions of the scholarship.

Link: <https://ncert.nic.in/national-talent-examination.php?ln=en>

School Students

5. Post-matric Scholarship for Students with Disabilities

Area: All Science Disciplines, Other Areas

This scheme was launched 2014-15 onwards with the aim to provide financial assistance to the parents of students with disabilities for studying in the post-matric level. The objectives of this scheme are to support parents of students with disabilities for education of their children studying post-matric level onwards, thereby improving participation of students with disabilities at the post-matric stage of education. These scholarships will be given for the study of all post-matriculation or post-secondary courses pursued in recognized institutions with the exceptions of certain training courses as stipulated. It shall provide support to students with disabilities to study further in order to prepare themselves to earn their livelihood and find a noble place for themselves in the society as they face several barriers physical, financial, psychological, mental in pursuing studies and living with dignity. At times such students are deprived of harnessing their latent skills and thereby miss the opportunity. The students having less than 40% disability (certified by competent medical authority of the state Governments/UTs.) are not eligible. Also, the annual income of the student's parents/guardian from all sources must not exceed Rs. 2.5 Lakh. The financial assistance includes scholarship, reimbursement of compulsory non-refundable fees, book grant, maintenance allowance, escort/reader allowance, Study tour charges etc., subject to a maximum ceiling as per norms. The number of scholarships to be granted every year is 16,650 for post-matric level. The selection of the beneficiaries under this scheme is on the basis of merit after the recommendation of the Governments of State or Union Territories. These schemes will be implemented on-line basis through a web-portal.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/school/post-matric-scholarship-students-disabilities>

Funding Agency

**Department of
Empowerment of Persons
with Disabilities
(Divyangjan), Ministry of
Social Justice and
Empowerment, Govt. of
India**

School Students

6. Post-matric Scholarship Scheme for Minorities

Area: All Science Disciplines, Other Areas

Funding Agency

Ministry of Minority Affairs, Govt. of India

The objective of this scheme is to award scholarships to meritorious students belonging to economically weaker sections of minority community for providing them better opportunities for higher education, increase their rate of attainment in higher education and enhance their employability. The scholarship is to be awarded for studies in India in a government or private higher secondary school/ college/ university, including such eligible residential institutes. It also covers technical and vocational courses in Industrial Training Institutes/ Industrial Training Centres affiliated with the National Council for Vocational Training (NCVT) of Classes XI and XII level. Scholarship will be awarded to the students who have secured not less than 50% marks or equivalent grade in the previous final examination and the annual income of whose parents/guardian from all sources does not exceed Rs. 2 Lakh. 30% of scholarship would be earmarked for girl students. Actual financial assistance is provided for admission and course/ tuition fee and maintenance allowance, subject to a maximum ceiling as per norms.

Link: <https://scholarships.gov.in/home>

School Students



7. Pre-matric Scholarship for Students with Disabilities

Area: All Science Disciplines, Other Areas

Funding Agency

**Department of
Empowerment of Persons
with Disabilities
(Divyangjan), Ministry of
Social Justice and
Empowerment, Govt. of
India**

School Students

This scheme was launched 2014-15 onwards with the aim to provide financial assistance to the parents of students with disabilities for studying in the pre-matric level. The objectives of this scheme are to support parents of students with disabilities for education of their children studying in 9th and 10th standard and also onwards so that the rate of drop-out, especially in the phase from the elementary to the secondary stage is minimized and thereby improving participation of students with disabilities in 9th and 10th standard and at the post-matric stage of education. It shall provide support to students with disabilities to study further in order to prepare themselves to earn their livelihood and find a noble place for themselves in the society as they face several barriers physical, financial, psychological, mental in pursuing studies and living with dignity. At times such students are deprived of harnessing their latent skills and thereby miss the opportunity. The students having less than 40% disability (certified by competent medical authority of the state Governments/UTs.) are not eligible. Also, the annual income of the student's parents/guardian from all sources must not exceed Rs. 2 Lakh. The financial assistance includes scholarship, reimbursement of compulsory non-refundable fees, book grant, maintenance allowance, escort/reader allowance etc., subject to a maximum ceiling as per norms. The number of scholarships to be granted every year is 46,000 for pre-matric level. The selection of the beneficiaries under this scheme is on the basis of merit after the recommendation of the Governments of State or Union Territories. These schemes will be implemented on-line basis through a web-portal.

Link: <https://depwd.gov.in/>

8. Pre-Matric Scholarship Scheme for Minorities

Area: All Science Disciplines

Funding Agency

Ministry of Minority Affairs, Govt. of India

The scholarship at pre-matric level aims to encourage parents from minority communities to send their children to school, lighten their financial burden on school education and sustain their efforts to support their children to complete school education. The scheme will form the foundation for their educational attainment and provide a level playing field in the competitive employment arena. Empowerment through education, one of the objectives of this scheme, has the potential to lead to the upliftment of the socio-economic conditions of the minority communities. The scholarship will be awarded for studies in India in a government/ private school from Class I to Class X, including such eligible residential institutes. Scholarship will be awarded to the students who have secured not less than 50% marks in the previous final examination and annual income of whose parents/guardian from all sources does not exceed Rs. 1 Lakh. Actual financial assistance is provided for admission/tuition fee and maintenance allowance subject to a maximum ceiling as per norms.

Link: <https://scholarships.gov.in/>

School Students



9. Scheme for Early Attraction of Talent (SEATS)

Area: All Science Disciplines

Funding Agency

Department of Science and Technology (DST), Govt. of India

Scheme for Early Attraction of Talent (SEATS) aims at attracting talented youth to study science. INSPIRE Award of Rs.5,000/- is given to one million young learners in the age group 10-15 years. There are annual Summer/Winter Camps for about 50,000 youth at more than 100 locations for toppers in Class X board examinations for exposure with global leaders in Science through INSPIRE Internship.

Link: <https://online-inspire.gov.in/>

School Students





10. Bioinformatics Industrial Training Programme (BIITP)

Area: Life Sciences & Biotechnology

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India; Department of IT,
BT and S & T, Govt. of
Karnataka**

On behalf of DBT, Biotech Consortium India Limited (BCIL) is coordinating BIITP. The objective of this scheme is to provide an opportunity to bioinformatics students to acquire practical skills and experience by working on projects alongside industry experts as well as to provide an opportunity for the industry to identify potential employees. The students are placed for training in Bioinformatics / Biotechnology companies willing to impart practical training to these candidates. Every trainee is paid a stipend of Rs. 10000/- per month. The company is also paid a bench fee to cover expenses towards training. Students in last semester/final year of or having B.E /B.Tech./M.Sc./M.Tech. /Advanced Post Graduate Diploma of at least 1 year duration in Bioinformatics from an Indian recognized university with minimum 55% marks or equivalent grade are eligible to apply. The students are selected through interview.

Link: <https://biotech.co.in/en/bioinformatics-industrial-training-programme-biitp>

Graduate Students

11. Bioinformatics

National Certification Examination (BINC)

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

BINC, instituted by DBT in 2005, is a certification programme for graduate and post-graduate students for recognizing their exceptional bioinformatics knowledge and skills and to improve their employment opportunities. There is a growing need for trained manpower in the area of Bioinformatics. Various universities and institutions, both government and private, impart Bioinformatics education in India. This certification would facilitate industries and potential employers in recruitment of Bioinformatics professionals having exceptionally good bioinformatics skills. Candidates in the final year or having Bachelor's/Master's degree in Life-, Physical-, Chemical-, Mathematical- Sciences, Agriculture, Veterinary, Medicine, Pharmacy, Engineering and Technology etc. are eligible. The certification is given to the candidates after three tier selection process. This includes a preliminary objective paper, upon clearing which candidates can appear in the subjective second paper and finally a computer based practical exam to test practical knowledge in Bioinformatics including programming related to bioinformatics. The successful candidates are also eligible for availing Junior Research Fellowship (JRF) for pursuing Ph.D. in Bioinformatics at recognized Indian universities/institutes. The fellowship provided is at par with NET, GATE, BET national Exams. BINC qualified candidates are called DBT certified Bioinformaticians while the individuals availing the fellowships are designated DBT-BINC-JRF. Cash prize of Rs. 10,000/- each is awarded to the top 10 BINC qualifiers.

Link: <https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/graduation-post-graduation/bioinformatics-national-certification-examination-binc>

Graduate Students

12. CHANAKYA Fellowship

Area: Computer Sciences and Information Technology

Comprehensive and Holistic Advancement of National Knowledge Yield and Analytics (CHANAKYA) is an initiative under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) with a focus on human resource development. Engineering colleges/ Technical institutes in India are a huge pool of human resource in the form of students, but they are not sufficiently oriented towards reaching out to industry or solving problems that can benefit society. To overcome this gap and produce graduates trained in CPS who can be problem-solvers or turn entrepreneurs.

Link: <https://titiitb.org/programs/hr-skill-development/chanakya-fellowship-program-2025/>

Funding Agency

**NM-ICPS, Department of
Science and Technology
(DST)**

Graduate Students

13. Clinical Research Training Programme

Area: Life Sciences & Biotechnology

Twelve Biotechnology Finishing Schools have been set up in the Karnataka state with appropriate course content and duration to equip graduates and post-graduate students with necessary employable skills, thereby making them industry ready. One year programme has been designed to meet mandatory requirements for a post-graduate diploma in specific areas. Students are selected through online entrance test and personal interview. The selection process is very stringent, and all selected students are paid fellowship. The course involves theory lectures as well as internship in industry.

Funding Agency

**DBT/Wellcome Trust India
Alliance (India Alliance)**

Link: <https://www.indiaalliance.org/clinical-public-health-research-training-programme>

Graduate Students



14. DBT-Karnataka Finishing School Programme

Area: Life Sciences & Biotechnology

Twelve Biotechnology Finishing Schools have been set up in the Karnataka state with appropriate course content and duration to equip graduates and post-graduate students with necessary employable skills, thereby making them industry ready. One year programme has been designed to meet mandatory requirements for a post-graduate diploma in specific areas. Students are selected through online entrance test and personal interview. The selection process is very stringent, and all selected students are paid fellowship. The course involves theory lectures as well as internship in industry.

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

Link: <https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/graduation/dbt-karnataka-finishing-school-programme>

Graduate Students





15. INSPIRE - SHE (Scholarship for Higher Education)

Area: All Science Disciplines

INSPIRE-SHE aims to enhance rates of attachment of talented youth to undertake higher education in science intensive programmes, by providing scholarships and mentorship. The scheme offers 10,000 Scholarship every year at Rs 0.80 lakh per year for the talented youth in the age group 17-22 years, for undertaking Bachelor and Masters level education in natural sciences.

Funding Agency

**Department of Science
and Technology (DST),
Govt. of India**

Link: <https://dst.gov.in/inspire-scheme-innovation-science-pursuit-inspired-research>

Graduate Students



16. ISHAN UDAY - Special Scholarship Scheme For North Eastern Region

Area: All Science Disciplines

Funding Agency

University Grants Commission (UGC), Govt. of India, Govt. of India

To promote higher education in the North Eastern Region (NER) of India, Ministry of HRD and the University Grants Commission has launched “Ishan Uday” Special Scholarship Scheme for North Eastern Region from academic session 2014-15. The objectives of the scheme are 1) To provide equal opportunities for higher studies in NE Region. 2) To increase the Gross Enrolment Ratio (GER) in NE Region. 3) To focus more on professional education in NE Region. 4) Optimum utilization of NER Budgetary Allocation Ten thousand (10,000) fresh scholarships are provided every year for general degree courses, technical and professional courses, including medical and paramedical courses as certified by the Registrar/ Principal/ Director of University/ College/ Institute. The scholarship amount is Rs.5400/- per month for general degree course and Rs.7800/- per month for technical/medical/professional/paramedical courses. For availing scholarship under this scheme, the income of the parents of the student should not exceed Rs.4.5 lakh per annum.

Link: <https://scholarships.gov.in/>

Graduate Students

17. IUSSTF-Viterbi Program

Area: Computer Sciences and Information Technology, Engineering Sciences

Funding Agency

Indo-US Science and Technology Forum (IUSSTF); Viterbi School of Engineering, University of Southern California (USC), USA

This program provides an opportunity to Indian students to undertake a research internship at the Viterbi School of Engineering for a period of 8 weeks. The Program is envisaged to promote research and capacity building in frontline areas of engineering and technology and encourage outstanding students to take up research as a career. It provides an opportunity to the best and brightest Indian students to gain exposure and access to world class research facilities in the Viterbi School. It also paves the way for the next generation engineers from India to interact with American peers, thus help building long-term R&D linkages and collaborations. Indian students currently pursuing a Bachelors or Masters degree at recognized institutions of higher education in India in the field of Electrical Engineering, Computer Sciences and Computational Sciences. The Scholarship includes Stipend and Airfare.

Link: <https://iusstf.org/iusstf-viterbi-program>

Graduate Students

18. Merit-cum-Means Scholarship Scheme

Area: All Science Disciplines

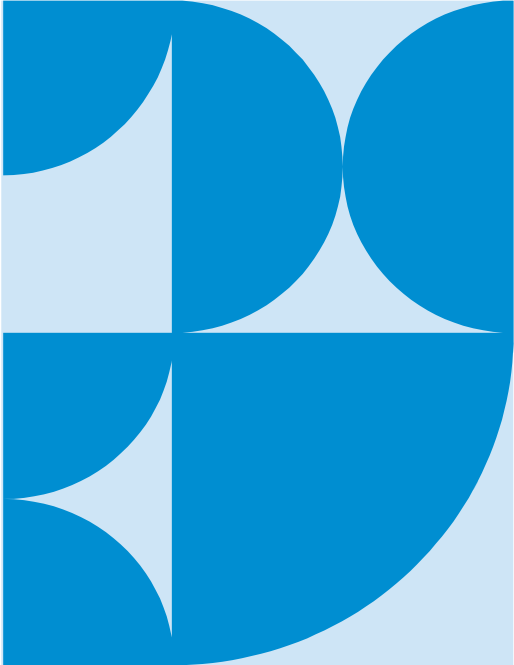
The objective of the Merit cum Means scholarship awarded by Ministry of Minority Affairs is to deliver financial assistance to the poor and meritorious students belonging to minority communities in India to enable them to pursue professional and technical courses. During the 12th Five Year Plan, 60000 fresh Scholarships will be awarded each financial year, besides renewals among the students of minority communities in States/UTs throughout the country based on the State/UT-wise population of these communities. Financial assistance is given to pursue graduate level or post graduate level technical and professional courses from a recognized institution.

Funding Agency

Ministry of Minority
Affairs, Govt. of India

Link: <https://scholarships.gov.in/>

Graduate Students



19. PRAGATI Scholarship for Girl Students for Technical Education

Area: Engineering Sciences

To give consolation and support to Girl Child to study technical education “Pragati Scholarship” has been propelled by the Ministry of Human Resource Development (MHRD) from the year 2014-15 and executed by All India Council for Technical Education (AICTE).

Funding Agency

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

Link: <https://www.aicte.gov.in/schemes/students-development-schemes/Pragati/General-Instructions>

Graduate Students



20. S.N. Bose Scholars Program

Area: Chemical Sciences, Computer Sciences and Information Technology, Earth, Atmosphere & Environment Sciences, Engineering Sciences, Mathematical Sciences, Physical Sciences

Funding Agency

Science and Engineering Research Board (SERB), Dept. of Science & Technology (DST), Govt. of India; Indo-U.S. Science and Technology Forum (IUSSTF); WINStep Forward

This is a dynamic and transformative student exchange program initiated between premier institutions in India and the United States with the objective of nurturing future innovators and thought leaders. The program is named in honour of Satyendra Nath Bose, the visionary Indian physicist best known for his work on quantum mechanics in the early 1920s. The class of particles that obey Bose-Einstein statistics, Bosons, was named after him. The program is envisaged to provide an opportunity to Indian students to experience world-class research facilities in leading U.S. institutions as well as to encourage and motivate students to take up research as a career. It would also pave the way for the next generation of pioneers and innovators in science and technology to interact with each other and build long-term R&D linkages and collaborations cutting across boundaries around the globe. Candidates currently enrolled in a Bachelors or Masters' degree in Atmospheric and earth Sciences, Chemical-, Engineering-, Mathematical-, Computational- and Physical Sciences are eligible to apply. The Scholarship includes Stipend, Health Insurance and Airfare.

Link: <https://iusstf.org/s-n-bose-scholars-program>

Graduate Students

21. Scholarship of Top Class Education For SC students

Area: All Science Disciplines, Other Areas

Funding Agency

Ministry of Social Justice & Empowerment, Govt. of India

The objective of the Scheme is to promote quality education amongst SC students, by providing full financial support for pursuing studies beyond 12th class in notified institutions of excellence spread all over the country (such as IIMs, IITs, NITs, reputed medical/law and other institutions, commercial pilot training institutions etc.). A total of 1250 scholarships are to be granted every year. The courses of study covered are Engineering, Medicine/Dentistry, Law, Management and other Specialized Streams. The scholarship, once awarded, would continue till the completion of the course, subject to the satisfactory performance.

Eligibility: The SC students who secure admission in the notified institutions, according to the norms prescribed by the respective institutions, are eligible for the scholarship under the scheme to the extent of the number of scholarships allocated to the institutions concerned. The annual family income ceiling from all sources for eligibility under the Scheme is Rs. 4.5 Lakh. The scholarship is merit based and the top ones in each institutions (subject to their eligibility) to get.

Fellowship Amount: Full tuition fee and other non-refundable charges (up to Rs. 2 Lakh per annum per student towards fee in the private institutions and Rs. 3.72 Lakh per annum per student in private commercial pilot training institutions) are covered. Living expenses up to Rs. 2220/- per month per student and Books and stationery grant up to Rs. 3000/- per annum per student are also provided. In addition, up to Rs. 45,000/- per awardee is given as a one-time grant for the purchase of computer with accessories.

Link: <https://scholarships.gov.in/>

Graduate Students



22. Short-term PhD Fellowships Application

Area: Life Sciences & Biotechnology

ICGEB offers Short-term fellowships for Pre-doctoral studies in ICGEB Component laboratories to fund ongoing collaborative research between scientists from ICGEB Member States and research groups at ICGEB laboratories in Trieste, Italy, New Delhi, India and Cape Town, South Africa, with the aim of facilitating access to the latest research techniques and to strengthen capacity building.

Funding Agency
International Centre
For Genetic
Engineering and
Biotechnology (ICGEB),
New Delhi

Link: <https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/graduation-post-graduation/short-term-phd-fellowships-application>

Graduate Students



23. Women Scientist Scheme-A (WOS-A)

Area: Physical Sciences, Chemical Sciences, Life Sciences & Biotechnology, Earth, Atmosphere & Environment Sciences, Engineering Sciences, Mathematical Sciences

Funding Agency

Department of Science & Technology (DST), Govt. of India

Women Scientists Scheme-A (WOS-A) provides platform to women scientists and technologists for pursuing research in basic or applied sciences in frontier areas of science and engineering. The scheme plays pivotal role in gender mainstreaming as it not only prevents brain drain from S&T system but also train and retain women in the system. The scheme initially offers opportunity to work as bench-level scientists and ultimately open new avenues for permanent position in Science & Technology. The Scheme is open throughout the year.

Eligibility:

- (i) Ph.D. in Basic or Applied Sciences or equivalent degree.
- (ii) M.Phil/ M.Tech/ M.Pharm/ M.VSc or equivalent degree.
- (iii) M.Sc in Basic or Applied Sciences/ B.Tech/MBBS or equivalent degree Fellowship amount: Rs.55,000/- per month for first eligibility group, Rs.40,000/- per month for second eligibility group and Rs.30,000/- per month for third eligibility group.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/graduation/women-scientist-scheme-wos>

Graduate Students

24. Women Scientist Scheme-B (WOS-B)

Women Scientist Scheme-B (WOS-B) focuses on projects related to Science & Technology (S&T) interventions for societal benefit. Women scientists who wish to apply under this scheme are required to develop their own project/proposals for scientific and technological solutions to address issues preferably at enhance quality-of-life the grassroots level.

Funding Agency

Department of Science & Technology (DST), Govt. of India

Eligibility:

- (i) Ph.D. in Basic or Applied Sciences or equivalent degree.
- (ii) M.Phil/M.Tech/M.Pharm/M.VSc or equivalent degree.
- (iii) M.Sc in Basic or Applied Sciences/B.Tech/MBBS or equivalent degree Fellowship amount: Rs.55,000/- per month for first eligibility group, Rs.40,000/- per month for second eligibility group and Rs.30,000/- per month for third eligibility group.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/graduation/women-scientist-scheme-b-wos-b>

Graduate Students

25. Women Scientist Scheme-C (WOS-C)

Area: Physical Sciences, Chemical Sciences, Life Sciences & Biotechnology, Engineering Sciences, Medical Sciences, Computer Sciences and Information Technology

Women Scientist Scheme-C (WOS-C) is being implemented by the Patent Facilitating Centre of Technology Information Forecasting & Assessment Council (TIFAC). Hands-on training on different aspects of IPRs (e.g. patent search, know-how, drafting, filing, trademarks, trade secrets, copyright etc.) is major part of WOS-C curriculum in association with various Knowledge Partners (i.e. Law firms, Knowledge Processing Organizations (KPOs), Companies, Government agencies, and so on).

Eligibility:

- (i) Ph.D. in Basic or Applied Sciences or equivalent degree.
- (ii) M.Phil/M.Tech/M.Pharm/M.VSc or equivalent degree.
- (iii) M.Sc in Basic or Applied Sciences/B.Tech/MBBS or equivalent degree Fellowship amount: Rs.30,000/- per month for first eligibility group, Rs.25,000/- per month for second eligibility group and Rs.20,000/- per month for third eligibility group.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/graduation/women-scientist-scheme-c-wos-c>

Funding Agency

Department of Science & Technology (DST), Govt. of India

Graduate Students



26. 2022 Commonwealth Master's Scholarship tenable in the United Kingdom

Funding Agency
**Ministry of Education,
Government of India**

Area: Agricultural Sciences, Astronomy & Space Sciences, Chemical Sciences, Cognitive Sciences and Psychology, Computer Sciences and Information Technology, Earth, Atmosphere & Environment Sciences, Energy Sciences, Engineering Sciences, Life Sciences & Biotechnology, Material Sciences, Mathematical Sciences, Medical Sciences, Pharmaceutical Sciences, Physical Sciences, Traditional Knowledge, All Science Disciplines, Other Areas

2022 Commonwealth Master's Scholarship tenable in the United Kingdom is for pursuing one year Master's Degree Courses commencing from September/October 2021. The Scholarships are offered by the Commonwealth Scholarship Commission (CSC), UK.

Link: <https://www.education.gov.in/en/2022-commonwealth-masters-scholarship-tenable-united-kingdom>

Post Graduate Students



27. ASEAN-India Research Training Fellowships (AIRTF)

Area: All Science Disciplines

Funding Agency

**Ministry of External Affairs
(MEA), Govt. of India**

Post Graduate Students

This scheme has been launched with the objective to promote mobility of scientists and researchers from the ASEAN (Association of South East Asian Nations) Member States to India and provide them opportunity to work at Indian scientific / academic institutions to upgrade their research skills and expertise. It also intends to facilitate exchange of information and contacts between the scientists and researchers of India and ASEAN Countries and create a network for building research collaborations. As a spin-off, the awardees may also have opportunity to get co-supervisors from India for their research projects for Ph.D. or Masters degree on their return to their home countries. The area/ topic of research for availing AIRTF must be ASEAN centric and aligned with the ASEAN Plan of Action on Science, Technology and Innovation (APASTI)-2016-2025. Initially, 50 Fellowships per year would be awarded to young scientists and researchers from ASEAN Member States to get affiliated with Indian academic and scientific institutions. These Fellowships shall be equally distributed among ASEAN Member Country with initially 10 Fellowship for each ASEAN country. However, this number could be re-adjusted in accordance with the number of applicants from respective ASEAN Member States. The duration of the Fellowship would usually be upto 6 months with minor variations allowed depending upon the actual requirement of the research project. The age limit is upto 45 yrs. The Fellowship includes consolidated amount of Rs. 50,000/- per month (non-taxable) for accommodation, meals and other miscellaneous expenses. One-time grant of Rs. 40,000/- for 6 months period for research contingency expenses, airport transfers, domestic travel (by road) for attending scientific events and field-trips within India, and Institutional overhead charges @ Rs. 2,500/- per month is also given. The Fellows are entitled to round trip international airfare by excursion/economy class, visa fees, overseas medical insurance etc.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation-phd/asean-india-research-training-fellowships-ai-rtf>

28. Bioinformatics Industrial Training Programme (BIITP)

Area: Life Sciences & Biotechnology

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India; Department of IT,
BT and S & T, Govt. of
Karnataka**

On behalf of DBT, Biotech Consortium India Limited (BCIL) is coordinating BIITP. The objective of this scheme is to provide an opportunity to bioinformatics students to acquire practical skills and experience by working on projects alongside industry experts as well as to provide an opportunity for the industry to identify potential employees. The students are placed for training in Bioinformatics / Biotechnology companies willing to impart practical training to these candidates. Every trainee is paid a stipend of Rs. 10000/- per month. The company is also paid a bench fee to cover expenses towards training. Students in last semester/final year of or having B.E /B.Tech./M.Sc./M.Tech. /Advanced Post Graduate Diploma of at least 1 year duration in Bioinformatics from an Indian recognized university with minimum 55% marks or equivalent grade are eligible to apply. The students are selected through interview.

Link: <https://biotech.co.in/en/bioinformatics-industrial-training-programme-biitp>

Post Graduate Students

29. Bioinformatics

National Certification Examination (BINC)

Area: All Science Disciplines

BINC, instituted by DBT in 2005, is a certification programme for graduate and post-graduate students for recognizing their exceptional bioinformatics knowledge and skills and to improve their employment opportunities. There is a growing need for trained manpower in the area of Bioinformatics. Various universities and institutions, both government and private, impart Bioinformatics education in India. This certification would facilitate industries and potential employers in recruitment of Bioinformatics professionals having exceptionally good bioinformatics skills. Candidates in the final year or having Bachelor's/Master's degree in Life-, Physical-, Chemical-, Mathematical-Sciences, Agriculture, Veterinary, Medicine, Pharmacy, Engineering and Technology etc. are eligible. The certification is given to the candidates after three tier selection process. This includes a preliminary objective paper, upon clearing which candidates can appear in the subjective second paper and finally a computer based practical exam to test practical knowledge in Bioinformatics including programming related to bioinformatics. The successful candidates are also eligible for availing Junior Research Fellowship (JRF) for pursuing Ph.D. in Bioinformatics at recognized Indian universities/institutes. The fellowship provided is at par with NET, GATE, BET national Exams. BINC qualified candidates are called DBT certified Bioinformaticians while the individuals availing the fellowships are designated DBT-BINC-JRF. Cash prize of Rs. 10,000/- each is awarded to the top 10 BINC qualifiers.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/graduation-post-graduation/bioinformatics-national-certification-examination-binc>

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

Post Graduate Students

30. Biotech Industrial Training Programme (BITP)

Area: Life Sciences & Biotechnology

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India**

On behalf of DBT, since 1993-94, Biotech Consortium India Limited (BCIL) is implementing this scheme of practical industrial training for Biotechnology students (M.Sc./ M.Tech. /B.E. /B.Tech /MBA). The objective of this scheme is to provide industry-specific training to Biotech students for skill development and enhancing their job opportunities in the Biotech industry. This programme provides an opportunity to Biotech Industry for training and selecting suitable manpower. The advertisement is published in national newspapers once a year, usually in Apr-May and online application forms for students and requisition forms for companies are available on website. The final placement for training is done in Oct-Nov. Eligibility: Biotechnology students having M.Sc./ M.Tech. /B.E. /B.Tech /MBA. Fellowship amount: The training period is for 6 months during which a trainee gets a monthly stipend of Rs.10000 and trainer company is paid a bench fee to cover the expenses for providing training.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation/biotech-industrial-training-programme-bitp>

Post Graduate Students



31. Biotechnology Entrepreneurship Student Teams (BEST)

Area: Life Sciences & Biotechnology

Funding Agency

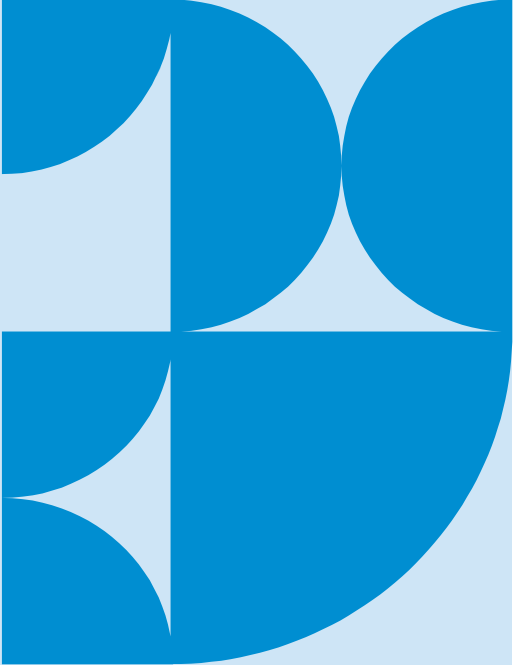
**Department of
Biotechnology (DBT), Govt.
of India**

BEST-India is a programme executed and managed by Association of Biotechnology Led Enterprises, ABLE – India and aimed at encouraging young postgraduates and doctoral students in developing biotechnology entrepreneurship by exposing them to issues involved in commercialisation of bioscience. The objective of this training and induction is to nurture young innovative minds to create an entrepreneurial mind-set, raise the individual's motivation and capacity, to identify an opportunity and to pursue it to produce new value or economic success. Initiated for encouraging innovation and enterprise in students, this programme has yielded quite a few start-up companies by the winning teams.

Link: <https://ableindia.in/best2019/>

Post Graduate Students





32. Building Energy Efficiency Higher and Advanced Network (BHAVAN) Fellowships

Area: Engineering Sciences, All Science Disciplines, Other Areas

Funding Agency

Department of Science & Technology (DST), Govt. of India; Indo U.S. Science & Technology Forum (IUSSTF)

Recognizing that climate change, clean and efficient energy and environmental protection are among the biggest challenges facing India and the United States and to address the need for human resource development and capacity building in the frontier area of Building Energy Efficiency, this dynamic visitation program between Indian and US institutions and premier universities has been developed. The Fellowships are envisaged to create a sustainable and vibrant linkage between the two nations, as well as build long term Indo-American science and technology relationships. The Program provides opportunity to best and brightest Indian students and scientists to gain exposure and access to world class research facilities in US academia and labs. It paves way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations. For Student Internships, Indian citizens currently pursuing a Ph.D. or M.Tech/ M.Arch. in the field of Building Energy Efficiency or in engineering/science/technology/architecture with a major area of research related to Building Energy Efficiency at a recognized institution of higher education and learning in India are eligible to apply. Age limit is up to 32 years. For BHAVAN Fellowships, Indian citizens having Ph.D./ M.Tech./ M.Arch. with considerable research background and experience in the specific area of Building Energy Efficiency can apply. Applicants must be pursuing independent research on extra-mural / industry-supported research projects and should have published in high-impact academic journals. Age limit is up to 40 years. Internship is provided for 3- 6 months while Fellowships for 3 - 12 months. Fellowship/Internship includes Monthly Stipend, Return Air fare, Contingency Allowance, Health Insurance etc.

Post Graduate Students

Link: <https://iusstf.org/building-energy-efficiency-higher-advanced-network-fellowship>



33. C.V. Raman Fellowship for African Researchers

Area: All Science Disciplines

Funding Agency

Department of Science & Technology (DST), Govt. of India; Ministry of External Affairs (MEA), Govt. of India; Federation of Indian Chambers of Commerce & Industry (FICCI)

This programme was launched under the India-Africa Forum Summit to promote human capacity building through scientific and technological cooperation between Africa and India. The objective is to provide opportunity to African researchers to conduct collaborative research in various areas of science and technology in different Indian universities and research and development (R&D) institutions under guidance of host scientists in India. This prestigious fellowship aims to further strengthen the bond between India and African nations in the fields of science and technology. FICCI is the 'Coordinating Partner' and invites applications from African researchers for award of this fellowship. The Fellowships offered include Doctoral/ Post Doctoral Fellowship for duration of 6 months, Visiting Fellowship for 3 months and Senior Fellowship for 1 month. The Fellowship includes monthly sustenance allowances, contingency grant, return air fare by economy class etc.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation-phd-post-doctoral-faculties-scientists/cv-raman-fellowship-african-researchers>

Post Graduate Students

34. Clinical Research Training Programme

Area: Medical Sciences

This Clinical Research Training Programme (CRTP) aims to develop Physician Scientists as a way forward for improving clinical and public health research ecosystems in India. The programme would fund 3 to 4 year mentored research training fellowships for medical graduates (MBBS) and post-graduates (MD/MS/equivalent) to:

1. Integrate basic and clinical/public health research
2. Provide instruction and training in research design, research ethics, and statistical analysis through mentored research training
3. Provide training opportunities in diverse areas of research relevant to India's health priorities
4. Provide knowledge and skills to prepare trainees for careers in health research.

Up to 12 fellowships will be available each year. The value of each fellowship will be INR 50 lakhs for a 3-4 year period.

Funding Agency

DBT/Wellcome Trust India Alliance (India Alliance)

Link: <https://www.indiaalliance.org/clinical-public-health-research-training-programme>

Post Graduate Students



35. DR. K.S.Krishnan Research Associateship (KSKRA)

Area: Chemical Sciences, Engineering Sciences, Physical Sciences

With an objective of encouraging talented science and engineering doctorates to pursue a career in scientific research in the field of atomic energy, BRNS instituted a scheme named after the renowned physicist, Dr K. S. Krishnan on the occasion of his Birth Centenary. Under this scheme Research Associates are inducted for a period of two one year (can be extended one more year). Associateship is offered with the possibility of getting absorbed in one of the four R&D organizations of the DAE (BARC, CAT, VECC or IGCAR) against regular vacancies. The appointment is based on their performance and evaluation by the concerned DAE unit.

Link: https://brns.res.in/brns_fellowship.php

Funding Agency

**Department of Atomic
Energy**

Post Graduate Students



36. Fellowship in Genetic Diagnostics- Call for Applications for 1st Batch of Trainees

Area: Life Sciences & Biotechnology

Funding Agency

**Department of
Biotechnology (DBT), Govt. of
India**

With an aim to expand National Inherited Disorders Administration Kendras (NIDAN Kendras provide comprehensive clinical care including diagnosis, management, multidisciplinary care, counseling, prenatal testing at Government Hospitals/ Medical Colleges, Government of India has launched a only from Government Medical Colleges and Hospitals taken by each centre. The fellowship will provide an opportunity to get training in the exciting field of genetics as applied for patient care. Further, the faculty able to apply for DBT grant for establishment of National Inherited Disorders Administration Kendras (NIDAN Kendras) at their respective institutes/colleges/hospitals after successful completion of their training.

Link: <https://dbtindia.gov.in/latest-announcement/advertisement-1st-call-fellowship-training>

Post Graduate Students

37. Fulbright-Kalam Climate Fellowship

Area: Earth, Atmosphere & Environment Sciences

Twelve Biotechnology Finishing Schools have been set up in the Karnataka state with appropriate course content and duration to equip graduates and post-graduate students with necessary employable skills, thereby making them industry ready. One year programme has been designed to meet mandatory requirements for a post-graduate diploma in specific areas. Students are selected through online entrance test and personal interview. The selection process is very stringent, and all selected students are paid fellowship. The course involves theory lectures as well as internship in industry.

Funding Agency

**Fulbright Commission;
United States-India
Educational Foundation
(USIEF); Climate Change
Programme-
Splice, Department of
Science & Technology
(DST), Govt. of India**

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation/fulbright-kalam-climate-fellowship>

Post Graduate Students



38. Graduate Research Opportunities Worldwide (GROW)

Area: All Science Disciplines

This program provides NSF Graduate Research Fellows with opportunities to enhance their professional development through research collaborations at top-caliber science and engineering research sites in India. The objectives are to promote research and capacity building in frontier areas of science and technology, to pave way for the next generation scientists and technologists from the United States to interact with their Indian peers, thus helping to build long-term R&D linkages and collaborations and to bring talented American students to research laboratories and academic institutions in India to build a deeper appreciation of the culture of innovation and long-standing tradition of scientific enquiry in India.

Eligibility: This scheme is open to MS - and Ph.D. seeking Fellows. Applicants should have completed at least 1 year of their graduate program at the time of application. Applicants must be enrolled at U.S. institutions, making satisfactory progress towards their degrees.

Fellowship amount: Fellowship includes a lump-sum amount to cover travel and other related costs as provided by NSF while SERB provides monthly living allowance (in INR). The duration is for 3-12 months.

Link: <https://prism.serbonline.in/RS-GROW>

Funding Agency

Science and Engineering Research Board (SERB), Dept. of Science & Technology (DST), Govt. of India; National Science Foundation(NSF), USA

Post Graduate Students





39. ICGEB PhD Fellowships/ Arturo Falaschi PhD Fellowships

Area: Life Sciences & Biotechnology

ICGEB offers competitive Pre-doctoral Fellowships in Life Sciences to highly motivated scientists wishing to pursue PhD research studies in a world-class scientific environment. Fellowships include participation in a competitive research programme, access to state-of-the-art facilities, participation in ICGEB Meetings, Seminars and Journal Clubs and a competitive stipend, plus full coverage of tuition fees and health insurance.

Funding Agency

**International Centre For
Genetic Engineering and
Biotechnology (ICGEB),
New Delhi**

Link:

https://www.icgeb.org/?post_type=fellowships&p=42361

Post Graduate Students





40. ICGEB SMART Fellowships

Area: Life Sciences & Biotechnology

The ICGEB SMART Fellowship programme promotes the mobility of researchers between ICGEB Member States as a way of enhancing skill development, acquisition of specific hands-on training in new technologies and increasing cooperation in science and technology and should show clear evidence of strong collaboration between the two laboratories.

Funding Agency

International Centre For Genetic Engineering and Biotechnology (ICGEB), New Delhi

Link:

https://www.icgeb.org/?post_type=fellowships&p=42384

Post Graduate Students

41. ICGEB-JNU PhD Fellowships

Area: Agricultural Sciences, Life Sciences & Biotechnology

The ICGEB-JNU PhD Programme is conducted in three streams:

1. Molecular Medicine, 2. Plant Biology and 3. Integrative Biology and is run exclusively at ICGEB New Delhi.

Funding Agency

International Centre For Genetic Engineering and Biotechnology (ICGEB), New Delhi

Link: <https://www.icgeb.org/fellowships/icgeb-jnu-phd-fellowships/>

Post Graduate Students



42. iFellowship at School of International Biodesign (SiB)

Area: Medical Sciences

Funding Agency

Department of Biotechnology (DBT), Govt. of India

The goal of SiB is to train the next generation of medical technology innovators and create an ecosystem of frugal medical innovations. This is facilitated through a fellowship and events. The SiB Program is centered in New Delhi and administered as collaboration between Stanford University, Indian Institute of Technology (IIT), Delhi, All India Institute of Medical Sciences (AIIMS), New Delhi and Queensland University of Technology. Biotechnology Consortium of India (BCIL) manages the intellectual property from the program.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation/ifellowship-school-international-biodesign-sib>

Post Graduate Students

43. INSPIRE - SHE

(Innovation in Science Pursuit for Inspired Research - Scholarship for Higher Education)

Area: All Science Disciplines

INSPIRE, an innovative programme of DST, was launched in 2008 with a long term foresight to attract talent to the excitement and study of science at an early age, and to help our nation build the required critical resource pool for strengthening and expanding the S&T system and R&D base. INSPIRE-SHE aims to enhance the attachment of talented youth (age group 17-22 yrs) to undertake higher education in science intensive programmes by providing scholarships and mentorship. The scheme offers 10000 Scholarship every year. The main feature of the scheme is the mentorship support provided to every scholar. Eligibility: Students who happen to be among the top 1% in 12th standard at their respective Board Examinations plus students who have secured top 10000 ranks in the JEE-Advance or in NEET as well as students admitted to renowned institutes like IISER, NISER, Department of Atomic Energy Centre for Basic Sciences (DAE-CBS) at the Univ. of Mumbai or happen to be Kishore Vaigyanik Protsahan Yojana (KVPY), National Talent Search Examination (NTSE), Jagadish Bose National Science Talent Search (JBNSTS) scholars and Science Olympiad Medallists, and those all opting to study Natural and Basic sciences in any academic institute or university leading to graduate and post-graduate degree, would be eligible for the scholarship. Fellowship amount: Rs.80,000 per year is provided to each candidate for undertaking Bachelor and Masters level education in the Natural and Basic Sciences.

Link: <https://online-inspire.gov.in/>

Funding Agency

Department of Science & Technology (DST), Govt. of India

Post Graduate Students



44. IUSSTF-Viterbi Program

Area: Computer Sciences and Information Technology, Engineering Sciences

Funding Agency

Indo-US Science and Technology Forum (IUSSTF); Viterbi School of Engineering, University of Southern California (USC), USA

This program provides an opportunity to Indian students to undertake a research internship at the Viterbi School of Engineering for a period of 8 weeks. The Program is envisaged to promote research and capacity building in frontline areas of engineering and technology and encourage outstanding students to take up research as a career. It provides an opportunity to the best and brightest Indian students to gain exposure and access to world class research facilities in the Viterbi School. It also paves the way for the next generation engineers from India to interact with American peers, thus help building long-term R&D linkages and collaborations. Indian students currently pursuing a Bachelors or Masters degree at recognized institutions of higher education in India in the field of Electrical Engineering, Computer Sciences and Computational Sciences. The Scholarship includes Stipend and Airfare.

Link: <https://iusstf.org/iusstf-viterbi-program>

Post Graduate Students

45. Khorana Program for Scholars

Area: Life Sciences & Biotechnology

This is an Indo-US collaborative effort toward building a seamless scientific community and creating an effective scientific contact between the biotechnology students of India and US. This prestigious Program is named in honour of Dr. Har Gobind Khorana, Nobel Prize winner in 1968 for his work at the interface of Chemistry and Biology while being a faculty of the University of Wisconsin-Madison (UW). The Program dates are usually May-July every year. Eligibility: The scholarship provides opportunities to Indian students (B.Tech, M.Tech, M.B.B.S., B.Pharm and B.Sc./M.Sc. students currently enrolled in recognized institutions of higher education in India in Biotechnology and allied areas) to undertake research internship at UW and partner universities for a period of 10 weeks. Students pursuing Ph.D/Final year students are not eligible to apply. Fellowship amount: The scholarship includes Stipend, Airfare and Health Insurance.

Link: <https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation/khorana-program-scholars>

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India; Indo-US
Science and Technology
Forum (IUSSTF); WINStep
Forward

Post Graduate Students



46. Merit Cum Means Scholarship For Professional and Technical Courses CS (MOMA-MCM)

Area: Other Areas, All Science Disciplines

Funding Agency

**Ministry of Minority
Affairs, Govt. of India**

The objective of this Scheme is to provide financial assistance to the poor and meritorious students belonging to minority communities to enable them to pursue professional and technical courses from a recognized institution. These scholarships are available for studies in India only and will be awarded through State Government/UT Administration or an Agency designated by them for this purpose. During 12th Five Year Plan, it has been decided that 60000 fresh Scholarships will be awarded each financial year, besides renewals among the students of minority communities in States/UTs throughout our country based on the State/UT-wise population of these communities. Eligibility: i) Students who get admission to a college to pursue technical/professional courses, on the basis of a competitive examination are eligible. ii) Students who get admission in technical/professional courses without giving any competitive examination, subject to their getting 50% marks at higher secondary/graduation level are also be eligible. Selection of these students will be done strictly on merit basis. iii) Continuation of the scholarship in subsequent years will depend on successful completion of the course each year. iv) The annual income of the beneficiary/parent or guardian of beneficiary should not exceed Rs.2.50 lakh from all sources. Fellowship amount: Maintenance Allowance of Rs.1000 p.m. (for 10 months in a year) i.e. Rs.10000 p.a. to those residing in hostels while that of Rs.500 p.m. amounting to Rs.5000 for 10 months in a year for day scholars is given. In addition, full course fee up to Rs.20000 p.a. or Actual, whichever lesser is also provided.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation/merit-cum-means-scholarship-professional-and-technical>

Post Graduate Students

47. PG Indira Gandhi Scholarship for Single Girl Child (SGC)

Area: All Science Disciplines, Other Areas

The Govt. of India declared elementary education as a basic human right of every child. The Central Govt. has taken various steps to uplift the status of women by implementing various schemes including free education for girls. This scheme is especially for those girls who happen to be the only girl child in their family. In order to achieve and promote girls education, this scheme endeavours to compensate direct costs of girl education by supporting their post graduate education in non-professional courses. The program aims at promoting girls and their education in the society, boosting increased sex ratio in favour of women and small family norm. Eligibility: i) Single Girl Child i.e. Girl students without having any brother or those who are twin daughters/ fraternal daughter may apply under this scheme. ii) Girl students up to the age of 30 yrs at the time of admission in PG courses are eligible. iii) The scheme is applicable to such single girl child who has taken admission in regular, fulltime first year Masters Degree course in any recognised university or a post graduate college. This scholarship is available to PG-I year student only. Fellowship amount: Rs.3100 p.m is provided for a period of 2 yrs (10 months in the year) i.e. full duration of a PG course.

Link: <https://scholarships.gov.in/>

Funding Agency

**University Grants
Commission (UGC),
Govt. of India**

Post Graduate Students

48. PG Scholarship for SC/ST Students for Pursuing Professional courses (PGSPROF)

Area: All Science Disciplines, Other Areas

Funding Agency

University Grants Commission (UGC), Govt. of India

The scheme has been initiated to provide opportunity to the deprived sections of the society, viz. the Scheduled Caste (SC) and Scheduled Tribe (ST) for undertaking postgraduate level studies in Professional subjects like Engineering & Technology, Management, Pharmacy etc. in recognised Indian Universities/ Institutions. This scheme aims to provide financial assistance to 1000 SC/ST candidates every year. Eligibility: i) The candidate must have obtained Graduate degree in the relevant subject and obtained admission at Postgraduate level for regular full time course in any of the Professional subject in a recognized University/Institution/College. ii) The upper age limit for 45 and 50 yrs for male and female applicants respectively. In exceptional cases, the age may be relaxed. Fellowship amount: A scholarship amount of Rs.7800 p.m. to ME/M.Tech students while Rs.4700 p.m. to those pursuing other courses is given. Annual Contingency of Rs.15000 for ME/M.Tech students while that of Rs.10000 for other courses is also provided. The tenure of fellowship is for two/three yrs, depending upon tenure of the postgraduate course.

Link: <https://scholarships.gov.in/>

Post Graduate Students

49. PG Scholarship University Rank Holders (URH)

Area: All Science Disciplines, Other Areas

Funding Agency

**University Grants
Commission (UGC), Govt.
of India**

Higher Education plays a very vital role in nation building. This scheme has been designed to continuously attract young and talented students to pursue Post-Graduate education in our institutions of higher learning by way of providing them good incentives in the form of scholarships. The scheme also serves to promote and strengthen study in basic courses at undergraduate level. Professional courses are not covered under the scheme. The awardees, under this scheme, can pursue their Postgraduate programme in any area of specialization in any institution of higher learning in the country. 3000 slots are available per year. Eligibility: i) The 1st and 2nd Rank holders at undergraduate level (B.A., B.Sc., and B.Com.), subject to securing a minimum of 60 percent marks at undergraduate level. ii) The scheme is applicable to such students who have taken admission in regular, full-time Master? Degree course in any recognized university or post graduate college iii) The scholarship is available to the student for first PG Degree only. Age limit is 30 yrs at the time of admission in PG course. Fellowship amount: An amount of Rs.3100 p.m is provided for a period of 2 yrs (10 months in the year) i.e. full duration of a PG course.

Link: <https://scholarships.gov.in/>

Post Graduate Students



50. Raja Ramanna Fellowship (RRF) - Department of Atomic Energy (DAE)

Area: Energy Sciences

Funding Agency

**Department of Atomic
Energy**

Department of Atomic Energy is pursuing a national level fellowship scheme known as “Raja Ramanna Fellowship Scheme” which is intended to utilize the services of active retired scientists, engineers and technologists, who have been involved in high quality research in their specialized disciplines in the units of the DAE or any National Laboratory or University or Institute and who after retirement are keen to carry out R&D in the field of their choice and of interest to the DAE. The host institute of the Raja Ramanna Fellow may be a unit of DAE (including aided institutions) or a University/ Institute or a National Laboratory in India.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/dae-raja-ramanna-fellowship-rrf>

Post Graduate Students

51. Raman-Charpak Fellowship

Area: All Science Disciplines

This program is in honour of two Nobel Laureates in Physics, Prof C.V. Raman, Indian Nobel Laureate, 1930 and Prof Georges Charpak, French Nobel Laureate, 1992. The Fellowship was launched during February, 2013. The objective is to facilitate the exchange of doctoral students between the two countries, in order to broaden the scope and depth of future engagements in science, technology and innovation. This programme implemented by the Indo French Centre for Promotion of Advanced Research (IFCPAR/CEFIPRA) aims at improving the doctoral skills of Indian and French students by providing them an opportunity to carry out part of their research work in a University / Research Institute based in France or India respectively. The scheme also provides an exposure and experience about the current research methods and trends in France/India, while discovering each another's cultural context. This Programme is for PhD research scholars and Masters Students (only from France) at an Indian or French Research Institute / University for a duration of 2 to 6 months. Fellowship amount: For Indian Fellow, Fellowship Support of 1500 Euros per month for daily expenses, local travel, accommodation charges plus social security charges are provided while for French Fellow, it is Rs. 40,000/- per month for daily expenses, local travel, etc. plus accommodation charges not exceeding Rs. 45,000 per month. The Fellows are also entitled to Return airfare ticket in economy class between India and France, Insurance coverage (travel & health), administrative costs for Visa and Registration, additional support (up to Euro 500 for Indian Fellows and equivalent support for French Fellows) for participating in a Seminar/Workshop during their term of the fellowship and stay in host country etc.

Link: <https://www.cefipra.org/PgmMF.aspx?p=RC>

Funding Agency

Department of Science & Technology (DST), Govt. of India; Service for Science and Technology (SST), French Embassy in India, Ministry of Foreign Affairs & International Development, Govt. of France.

Post Graduate Students

52. Research Internships in Science and Engineering (RISE)

Area: All Science Disciplines

RISE provides unique opportunities for science, technology, engineering and medical students from the United States to undertake internships in national laboratories, federal research centres, academic research institutes, and private R&D laboratories in India. The objective is to provide students exposure to Indian Science and Technology (S&T) milieu, gain practical skills and develop collaborative networks. Internships are envisaged as a source of mutual cultural and professional enrichment for both the interns and their host institutions.

Eligibility: U.S. Citizens or permanent residents and Indian Citizens. It is open to science, engineering, technology and medical disciplines. Ph.D and Master students enrolled at a regionally accredited institution of higher education in U.S. can apply.

Fellowship amount: It includes Monthly stipend, Accommodation and Airfare. The duration of Internship is for 3 months.

Link: <https://iusstf.org/research-internships-in-science-engineering>

Funding Agency

**Indo-US Science and
Technology Forum
(IUSSTF)**

Post Graduate Students



53. S.N. Bose Scholars Program

Area: Chemical Sciences, Computer Sciences and Information Technology, Earth, Atmosphere & Environment Sciences, Engineering Sciences, Mathematical Sciences, Physical Sciences

This is a dynamic and transformative student exchange program initiated between premier institutions in India and the United States with the objective of nurturing future innovators and thought leaders. The program is named in honour of Satyendra Nath Bose, the visionary Indian physicist best known for his work on quantum mechanics in the early 1920s. The class of particles that obey Bose-Einstein statistics, Bosons, was named after him. The program is envisaged to provide an opportunity to Indian students to experience world-class research facilities in leading U.S. institutions as well as to encourage and motivate students to take up research as a career. It would also pave the way for the next generation of pioneers and innovators in science and technology to interact with each other and build long-term R&D linkages and collaborations cutting across boundaries around the globe. Candidates currently enrolled in a Bachelors or Masters' degree in Atmospheric and earth Sciences, Chemical-, Engineering-, Mathematical-, Computational- and Physical Sciences are eligible to apply. The Scholarship includes Stipend, Health Insurance and Air-fare.

Link: <https://iusstf.org/s-n-bose-scholars-program>

Funding Agency

Science and Engineering Research Board (SERB), Dept. of Science & Technology (DST), Govt. of India; Indo-U.S. Science and Technology Forum (IUSSTF); WINStep Forward

Post Graduate Students

54. Scholarship for Top Class Education for Students with Disabilities

Area: All Science Disciplines, Other Areas

This Scheme aims at recognizing and promoting quality education amongst Students with Disabilities (SwDs) by providing full financial support for pursuing studies at the level of Post Graduate Degree or Diploma in any discipline in premier higher educational institutes (like IIT, IIM, NIT etc.). The scheme is applicable in all institutions as notified by the concerned Department/ Ministry as institutions of excellence. The number of scholarships to be sanctioned every year is 160, distributed among all the States and Union Territories of India, as decided on the basis of percentage of population of PwDs respectively. 50% of the total scholarships each year would be reserved for female candidates.

Eligibility: The student must be an Indian citizen with not less than 40% disability (certified by competent medical authority) and who has been selected and got admission in any of the notified institutions for pursuing a full-time course at the level of Post Graduate Degree/Diploma. Also, the annual income of the student's parents/guardian from all sources must not exceed Rs. 6 Lakh. The candidate must not be receiving any other scholarship under any scheme of the Govt. of India. The individual can be awarded only once. Not more than two disabled children of the same parents/ guardians are eligible, with the exception of the second/third children being twins.

Fellowship amount: The fellowship includes Reimbursement of tuition fees and non-refundable charges paid/ payable to the Institution up to Rs. 2 Lakh per annum plus Maintenance Allowance of Rs. 3000/- per month for hostellers while Rs. 1500/- per month for day-scholars. Special Allowances (related to types of disabilities like reader allowance, escort allowance, helper allowance etc.) of Rs. 2000/- per month, Books and Stationery grant of Rs. 5000/- per annum are also given. In addition, Rs. 30,000/- per awardee as a one-time grant for entire course is given for Reimbursement of expenses for purchase of computer with accessories and another Rs. 30,000/- toward Reimbursement of expenses for the purchase of Aids and Assistive Devices including necessary software related to the particular disability of the selected candidate.

Link: <https://scholarships.gov.in/>

Funding Agency

Department of
Empowerment of
Persons with Disabilities
(Divyangjan), Ministry of
Social Justice and
Empowerment, Govt. of
India

Post Graduate Students

55. Short-term PhD Fellowships Application

Area: Life Sciences & Biotechnology

ICGEB offers Short-term fellowships for Pre-doctoral studies in ICGEB Component laboratories to fund ongoing collaborative research between scientists from ICGEB Member States and research groups at ICGEB laboratories in Trieste, Italy, New Delhi, India and Cape Town, South Africa, with the aim of facilitating access to the latest research techniques and to strengthen capacity building.

Funding Agency

International Centre For Genetic Engineering and Biotechnology (ICGEB), New Delhi

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/graduation-post-graduation/short-term-phd-fellowships-application>

Post Graduate Students



56. Women Scientist Scheme-A (WOS-A)

Area: Physical Sciences, Chemical Sciences, Life Sciences & Biotechnology, Earth, Atmosphere & Environment Sciences, Engineering Sciences, Mathematical Sciences

Funding Agency
Department of Science & Technology (DST)

Women Scientists Scheme-A (WOS-A) provides platform to women scientists and technologists or pursuing research in basic or applied sciences in frontier areas of science and engineering. The scheme plays pivotal role in gender mainstreaming as it not only prevents brain drain from S&T system but also train and retain women in the system. The scheme initially offers opportunity to work as bench-level scientists and ultimately open new avenues for permanent position in Science & Technology. The Scheme is open throughout the year. Eligibility: (i) Ph.D. in Basic or Applied Sciences or equivalent degree; (ii) M.Phil/M.Tech/M.Pharm/M.VSc or equivalent degree; (iii) M.Sc in Basic or Applied Sciences/B.Tech/MBBS or equivalent degree Fellowship amount: Rs.55,000/- per month for first eligibility group, Rs.40,000/- per month for second eligibility group and Rs.30,000/- per month for third eligibility group.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation/women-scientist-scheme-wos>

Post Graduate Students

57. Women Scientist Scheme-B (WOS-B)

Women Scientist Scheme-B (WOS-B) focuses on projects related to Science & Technology (S&T) interventions for societal benefit. Women scientists who wish to apply under this scheme are required to develop their own project/proposals for scientific and technological solutions to address issues preferably at enhance quality-of-life the grassroots level. Eligibility: Eligibility: (i) Ph.D. in Basic or Applied Sciences or equivalent degree; (ii) M.Phil/M.Tech/M.Pharm/M.VSc or equivalent degree; (iii) M.Sc in Basic or Applied Sciences/B.Tech/MBBS or equivalent degree Fellowship amount: Rs.55,000/- per month for first eligibility group, Rs.40,000/- per month for second eligibility group and Rs.30,000/- per month for third eligibility group.

Funding Agency

Department of Science & Technology (DST)

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation/women-scientist-scheme-b-wos-b>

Post Graduate Students

58. Women Scientist Scheme-C (WOS-C)

Area: Physical Sciences, Chemical Sciences, Life Sciences & Biotechnology, Engineering Sciences, Medical Sciences, Computer Sciences and Information Technology

Women Scientist Scheme-C (WOS-C) is being implemented by the Patent Facilitating Centre of Technology Information Forecasting & Assessment Council (TIFAC). and-on training on different aspects of IPRs (e.g. patent search, know-how, drafting, filing, trademarks, trade secrets, copyright etc.) is major part of WOS-C curriculum in association with various Knowledge Partners (i.e. Law firms, Knowledge Processing Organizations (KPOs), Companies, Government agencies, and so on).

Funding Agency

Department of Science & Technology (DST)

Eligibility:

(i) Ph.D. in Basic or Applied Sciences or equivalent degree

(ii) M.Phil/M.Tech/M.Pharm/M.VSc or equivalent degree

(iii) M.Sc in Basic or Applied Sciences/B.Tech/MBBS or equivalent degree Fellowship amount: Rs.30,000/- per month for first eligibility group, Rs.25,000/- per month for second eligibility group and Rs.20,000/- per month for third eligibility group.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation/women-scientist-scheme-c-wos-c>

Post Graduate Students



59. Arturo Falaschi Short-Term Postdoc Fellowships

Area: Life Sciences & Biotechnology

ICGEB offers Short-term fellowships for Postdoctoral studies in ICGEB Component laboratories to fund ongoing collaborative research between scientists from ICGEB Member States and research groups at ICGEB laboratories in Trieste, Italy, New Delhi, India and Cape Town, South Africa, with the aim of facilitating access to the latest research techniques and to strengthen capacity building.

Funding Agency

International Centre For Genetic Engineering and Biotechnology (ICGEB), New Delhi

Link: <https://www.icgeb.org/fellowships/arturo-falaschi-short-term-postdoc-fellowships/>

PhD Scholars

60. ASEAN-India Research Training Fellowships (AI-RTF)

Area: All Science Disciplines

This scheme has been launched with the objective to promote mobility of scientists and researchers from the ASEAN (Association of South East Asian Nations) Member States to India and provide them opportunity to work at Indian scientific / academic institutions to upgrade their research skills and expertise. It also intends to facilitate exchange of information and contacts between the scientists and researchers of India and ASEAN Countries and create a network for building research collaborations. As a spin-off, the awardees may also have opportunity to get co-supervisors from India for their research projects for Ph.D. or Masters degree on their return to their home countries. The area/ topic of research for availing AIRTF must be ASEAN centric and aligned with the ASEAN Plan of Action on Science, Technology and Innovation (APASTI)-2016-2025. Initially, 50 Fellowships per year would be awarded to young scientists and researchers from ASEAN Member States to get affiliated with Indian academic and scientific institutions. These Fellowships shall be equally distributed among ASEAN Member Country with initially 10 Fellowship for each ASEAN country. However, this number could be re-adjusted in accordance with the number of applicants from respective ASEAN Member States. The duration of the Fellowship would usually be upto 6 months with minor variations allowed depending upon the actual requirement of the research project. The age limit is upto 45 yrs. The Fellowship includes consolidated amount of Rs. 50,000/- per month (non-taxable) for accommodation, meals and other miscellaneous expenses. One-time grant of Rs. 40,000/- for 6 months period for research contingency expenses, airport transfers, domestic travel (by road) for attending scientific events and field-trips within India, and Institutional overhead charges @ Rs. 2,500/- per month is also given. The Fellows are entitled to round trip international airfare by excursion/economy class, visa fees, overseas medical insurance etc.

Funding Agency

Department of Science
& Technology (DST),
Govt. of India; Ministry
of External Affairs
(MEA), Govt. of India

PhD Scholars

Link: <https://aistic.gov.in/ASEAN/aistdfellowship>

61. Bhaskara Advanced Solar Energy (BASE) Fellowship Program

Area: Life Sciences & Biotechnology

Recognizing that clean and efficient energy, environmental protection and energy security are among the biggest challenges facing India and the United States, DST through its Solar Energy Research Initiative and IUSSTF are committed to tackling these issues. To nurture future innovators and thought leaders in Solar Energy, this dynamic and transformative program has been developed to foster contacts between students and scientists of India and USA. The Program envisages promoting research and capacity building in the frontline area of Solar Energy. It provides opportunities to the best and brightest Indian students and scientists to gain exposure and access to world class research facilities in leading US institutions. It also paves the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations.

For Student Internships, Indian citizens currently pursuing a Ph.D. on full time basis in the field of Solar Energy at a recognized institution of higher education and learning in India are eligible to apply. Age limit is up to 32 years. For BASE Fellowships, Indian citizens having Ph.D with considerable research background and experience in the area of Solar Energy and holding a permanent position in public-funded R&D lab/ S&T institution (non-private) / recognized university /college in India are eligible to apply. Applicants must be pursuing independent research and should have published in high-impact academic journals. Age limit is up to 40 years. Internship is provided for 3 - 6 months while Fellowships for 3 - 12 months. Fellowship/Internship includes Monthly Stipend, Return Air fare, Contingency Allowance etc.

Link: <https://iusstf.org/bhaskara-advanced-solar-energy-fellowship>

Funding Agency

Department of Science & Technology (DST), Govt. of India; Indo U.S. Science & Technology Forum (IUSSTF)

PhD Scholars



62. Bioenergy-Awards for Cutting Edge Research (B-ACER)

Area: Life Sciences & Biotechnology

Funding Agency
Department of
Biotechnology (DBT)

Recognizing that clean and efficient energy, environmental protection and energy security are among the biggest challenges facing India and the United States, DBT and Indo-US Science and Technology Forum (IUSSTF) are committed to tackling these issues. To nurture future innovators and thought leaders in Biofuel and Bioenergy, B-ACER - a dynamic and transformative program has been developed. The Program envisages promoting research and capacity building in the frontline area of Biofuels and Bioenergy by providing opportunities to the best and brightest Indian students and scientists to gain exposure and access to world class research facilities in leading US institutions. It also paves the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations.

Eligibility: Indian citizen currently pursuing a Ph.D. on a full-time basis in the field of Biofuel related area in public-funded R&D lab/ S&T institution / recognized academic institute / university / college in India. Age limit is upto 32 years.

Fellowship amount: It includes Monthly Stipend, Air-fare and Contingency Allowance. The duration is from 3 to 6 months.

Link: <https://iusstf.org/bioenergy-awards-for-cutting-edge-research>

PhD Scholars

63. Biotechnology

Eligibility Test (BET)

Area: Life Sciences & Biotechnology

BET, the DBT-JRF program was initiated in 2004 for providing fellowship to pursue research in frontier areas of Biotechnology and is presently coordinated by Biotech Consortium India Limited (BCIL), New Delhi. The BET merit list contains 2 categories. Category I (Top 275) fellowship are tenable in any University/Institute in India where the students can register for Ph.D. In Category II, 100 students will be eligible to join any DBT sponsored project through proper selection process and avail equivalent fellowship from the project. Eligibility: Students appearing in final yr examination or having M.Sc./M.Tech/M.V.Sc. degree with Biotechnology in title e.g. specialization such as Agricultural, Animal/Veterinary, Medical, Marine, Industrial, Environmental, Pharmaceutical, Food, Biochemical Engineering, Bioinformatics and M.Sc "Molecular & Human Genetics" and M.Sc."Neuroscience" as well as BE/B.Tech in Biotechnology are eligible to apply, subject to getting minimum qualifying percentage of marks. Fellowship amount: JRF/SRF are entitled to a monthly scholarship (Rs. 25000/28000) plus House Rent Allowance (HRA) as per norms and an annual contingency grant of Rs.30000. The total tenure of the fellowship shall be upto 5 yr or the date of PhD viva-voce, whichever earlier. Continuation of the fellowship every year is based on the satisfactory performance of the candidates, as decided by the competent authorities.

Link: <https://rcb.res.in/BET/>

Funding Agency

**Department of
Biotechnology (DBT)**

PhD Scholars



64. Biotechnology Entrepreneurship Student Teams (BEST)

Area: Life Sciences & Biotechnology

Funding Agency
Department of
Biotechnology (DBT)

BEST-India is a programme executed and managed by Association of Biotechnology Led Enterprises, ABLE – India and aimed at encouraging young postgraduates and doctoral students in developing biotechnology entrepreneurship by exposing them to issues involved in commercialisation of bioscience. The objective of this training and induction is to nurture young innovative minds to create an entrepreneurial mind-set, raise the individual's motivation and capacity, to identify an opportunity and to pursue it to produce new value or economic success. Initiated for encouraging innovation and enterprise in students, this programme has yielded quite a few start-up companies by the winning teams.

Link: <https://ableindia.in/best2019/>

PhD Scholars

65. Boston – Bangalore Biosciences Beginnings (B4)

Area: Life Sciences & Biotechnology

The mission of B4 is to nurture progress in the field of biosciences, including biotechnology, through the development of partnerships with leading universities and by engaging scientists from India and Harvard through exchange programs. Under continuous efforts to raise quality of Science & Technology in India, DBT and Department of ITBT and S&T (Information Technology & Biotechnology and Science and Technology), Govt. of Karnataka (GOK) signed a letter of Intent (LOI) to establish B4 in partnership with Harvard University facilitated by nodal centres in Boston, Massachusetts, USA and Bengaluru, Karnataka, India in Dec, 2015. The broad scope of LOI is to enable working together towards linking up of Institutions in the two cities and beyond to promote innovation & entrepreneurship in the areas of Genomics, Neurosciences, Synthetic Biology and Biologics, with the goal being ‘invest in people’ to grow the sector for societal benefits. An agreement between South Asia Institute (SAI), Harvard University, Boston, Massachusetts, USA and GOK supported Institute for Bioinformatics and Applied Biotechnology (IBAB) has been signed. Under the programme, a one year Science and Technology Fellowship to a total of 5 doctoral and/or postdoctoral scholars from Karnataka will be provided for working in laboratories at Harvard. A two week hands-on course in Bengaluru, India on an interdisciplinary topic(s) for young scientists of India would also be carried out.

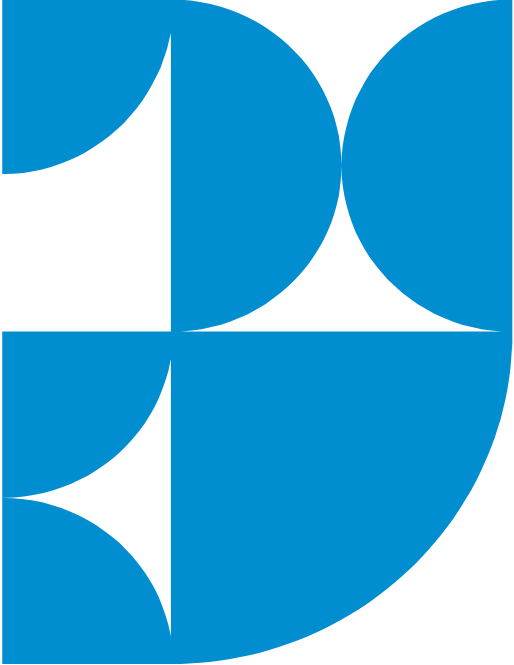
Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd-post-doctoral/boston-%E2%80%93-bangalore-biosciences-beginnings-b4>

Funding Agency

**Department of
Biotechnology (DBT)**

PhD Scholars



66. Building Energy Efficiency Higher and Advanced Network (BHAVAN) Fellowships

Area: Engineering Sciences, All Science Disciplines, Other Areas

Funding Agency

Department of Science & Technology (DST), Govt. of India; Indo U.S. Science & Technology Forum (IUSSTF)

Recognizing that climate change, clean and efficient energy and environmental protection are among the biggest challenges facing India and the United States and to address the need for human resource development and capacity building in the frontier area of Building Energy Efficiency, this dynamic visitation program between Indian and US institutions and premier universities has been developed. The Fellowships are envisaged to create a sustainable and vibrant linkage between the two nations, as well as build long term Indo-American science and technology relationships. The Program provides opportunity to best and brightest Indian students and scientists to gain exposure and access to world class research facilities in US academia and labs. It paves way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations. For Student Internships, Indian citizens currently pursuing a Ph.D. or M.Tech/ M.Arch. in the field of Building Energy Efficiency or in engineering/science/technology/architecture with a major area of research related to Building Energy Efficiency at a recognized institution of higher education and learning in India are eligible to apply. Age limit is up to 32 years. For BHAVAN Fellowships, Indian citizens having Ph.D./ M.Tech./ M.Arch. with considerable research background and experience in the specific area of Building Energy Efficiency can apply. Applicants must be pursuing independent research on extra-mural / industry-supported research projects and should have published in high-impact academic journals. Age limit is up to 40 years. Internship is provided for 3- 6 months while Fellowships for 3 - 12 months. Fellowship/Internship includes Monthly Stipend, Return Air fare, Contingency Allowance, Health Insurance etc.

PhD Scholars

Link: <https://iusstf.org/building-energy-efficiency-higher-advanced-network-fellowship>



67. C.V. Raman Fellowship for African Researchers

Area: All Science Disciplines

Funding Agency

**Department of
Science & Technology
(DST), Govt. of India;
Ministry of External
Affairs (MEA), Govt. of
India; Federation of
Indian Chambers of
Commerce & Industry
(FICCI)**

This programme was launched under the India-Africa Forum Summit to promote human capacity building through scientific and technological cooperation between Africa and India. The objective is to provide opportunity to African researchers to conduct collaborative research in various areas of science and technology in different Indian universities and research and development (R&D) institutions under guidance of host scientists in India. This prestigious fellowship aims to further strengthen the bond between India and African nations in the fields of science and technology. FICCI is the 'Coordinating Partner' and invites applications from African researchers for award of this fellowship. The Fellowships offered include Doctoral/ Post Doctoral Fellowship for duration of 6 months, Visiting Fellowship for 3 months and Senior Fellowship for 1 month. The Fellowship includes monthly sustenance allowances, contingency grant, return air fare by economy class etc.

Link: <https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation-phd-post-doctoral-faculties-scientists/cv-raman-fellowship-african-researchers>

PhD Scholars



68. DBT-TWAS

Biotechnology

Fellowships For Pre-Doctoral Studies

Area: Life Sciences & Biotechnology

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India; Third World
Academy of Sciences
(TWAS)**

These fellowships have been instituted for foreign scholars from developing countries who wish to pursue research leading towards Ph.D. in newly emerging areas in biotechnology for which facilities are available in the Laboratories/ Institutes in India. Around 25 Pre Doctoral Fellowships are given.

Eligibility: The minimum qualification required is a Master's degree in science or engineering or equivalent degree. The candidate should be a regular employee in a developing country and should be holding a research assignment. Fellowship for Ph.D is awarded only to candidates who are registered for Ph.D (in a University either in their home country or in India). The age limit is 35 years.

Fellowship amount: The fellowship includes monthly stipend plus House Rent Allowance (HRA) and Medical Allowance as per Host Institute norms. An annual Contingency grant of Rs. 50,000/- is also provided. The cost of international travel by shortest route will be met by TWAS. The duration of fellowship is for 2+3 years (JRF + SRF).

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd/dbt%E2%80%93twas-biotechnology-fellowships-pre-doctoral-studies>

PhD Scholars



69. DR. K.S.Krishnan Research Associateship (KSKRA)

Area: Chemical Sciences, Engineering Sciences, Physical Sciences

Funding Agency
Department of Atomic Energy

Women Scientist Scheme-B (WOS-B) focuses on projects related to Science & Technology (S&T) interventions for societal benefit. Women scientists who wish to apply under this scheme are required to develop their own project/proposals for scientific and technological solutions to address issues preferably at enhance quality-of-life the grassroots level.

Eligibility:

- (i) Ph.D. in Basic or Applied Sciences or equivalent degree.
- (ii) M.Phil/M.Tech/M.Pharm/M.VSc or equivalent degree.
- (iii) M.Sc in Basic or Applied Sciences/B.Tech/MBBS or equivalent degree Fellowship amount: Rs.55,000/- per month for first eligibility group, Rs.40,000/- per month for second eligibility group and Rs.30,000/- per month for third eligibility group.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation-phd/dr-kskrishnan-research-associateship-kskra>

PhD Scholars

70. Einstein Fellowship

Area: All Science Disciplines

The Einstein Forum and the Wittenstein Foundation offer a fellowship for outstanding young thinkers who wish to pursue a project in a different field from that of their previous research. The purpose of the fellowship is to support those who, in addition to producing superb work in their area of specialization, are also open to other, interdisciplinary approaches – following the example set by Albert Einstein.

Funding Agency

**The Einstein Forum
and the Wittenstein
Foundation**

Link:

<https://www.einsteinforum.de/about/fellowship/?lang=en>

PhD Scholars

71. Genome Engineering/Editing Technologies Initiative (GETin)- Overseas Student Internship

Area: Life Sciences & Biotechnology

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India; Indo
U.S. Science &
Technology Forum
(IUSSTF)

This fellowship program between Indian institutes and premier U.S. Universities, in significant areas of Genome Engineering/Editing Technology (GETin) has been introduced in acknowledgement of the importance of strategies and techniques in genome modification as a modern day essential tool for research & development (R&D). The program is open to individuals whose research work has an interface with Genome Engineering / Editing Technology studies. The Program is envisaged to encourage and motivate outstanding students to take up research as a career path. It provides opportunity to best and brightest Indian students and scientists to gain exposure and access to world class research facilities in leading U.S. institutions as well as create attractive avenues for skilled overseas researchers to pursue in India or to mentor Indian scientist (s). It intends to pave the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations. Upto 5 internships are awarded every year.

Eligibility: Indian citizens currently pursuing a Ph.D. on a full-time basis in various forefront disciplines of Biotechnology (agriculture, health sciences, bio-engineering, biomedical, fundamental biology or allied sciences) at a public- funded R&D lab/ S&T Institute /recognized academic institute / University / College in India up to 32 yrs of age can apply.

Fellowship amount: It includes monthly stipend of \$ 2500, Return Air Fare, Health Insurance of up to \$ 500 and Contingency of up to Rs. 50,000/-. The Student Internship is for a period of up to 6 months.

Link: <https://iusstf.org/genome-engineering-editing-technology-initiative-program>

PhD Scholars

72. Graduate Research Opportunities Worldwide (GROW)

Area: All Science Disciplines

This program provides NSF Graduate Research Fellows with opportunities to enhance their professional development through research collaborations at top-caliber science and engineering research sites in India. The objectives are to promote research and capacity building in frontier areas of science and technology, to pave way for the next generation scientists and technologists from the United States to interact with their Indian peers, thus helping to build long-term R&D linkages and collaborations and to bring talented American students to research laboratories and academic institutions in India to build a deeper appreciation of the culture of innovation and long-standing tradition of scientific enquiry in India.

Eligibility: This scheme is open to MS - and Ph.D. seeking Fellows. Applicants should have completed at least 1 year of their graduate program at the time of application. Applicants must be enrolled at U.S. institutions, making satisfactory progress towards their degrees.

Fellowship amount: Fellowship includes a lump-sum amount to cover travel and other related costs as provided by NSF while SERB provides monthly living allowance (in INR). The duration is for 3-12 months.

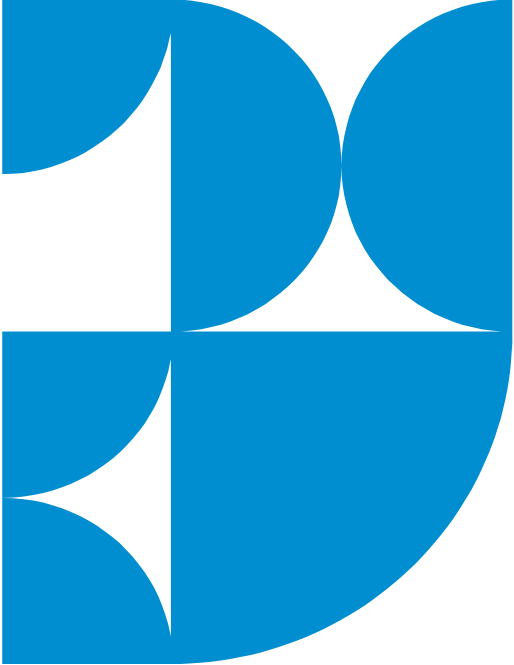
Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/graduate-research-opportunities-worldwide-grow-program>

Funding Agency

Science and Engineering Research Board (SERB), Dept. of Science & Technology (DST), Govt. of India; National Science Foundation(NSF), USA

PhD Scholars



73. Homi Bhabha Centre for Science Education (HBCSE) Scholarship

Area: All Science Disciplines

Funding Agency

**Homi Bhabha Centre for
Science Education, Tata
Institute of Fundamental
Research, Mumbai**

HBCSE runs a Graduate School in Science Education, leading to the degree of Ph.D. in Science Education of the Tata Institute of Fundamental Research (TIFR), a Deemed University. As an area for the Ph.D. degree, Science Education is to be interpreted broadly, including the areas of mathematics education, technology education and other allied areas. There is usually a yearly Entrance Examination for admission to the Ph.D. Programme. The eligible applicants are first screened on the basis of a written test and thereafter an interview. A Special Entrance Examination may be administered at any time of the year to an especially promising candidate from India or abroad at the discretion of the Board. Eligibility: M.Sc. or M. Tech or M.A./M.S.W. or M.Ed. with a Science or Social Sciences/Humanities undergraduate degree. Fellowship amount: Full time students / Research Scholars are entitled to a monthly scholarship (Rs. 25000 /28000) plus 30% House Rent Allowance (HRA) as per rules and an annual contingency grant of Rs. 32000.

Link: <https://www.hbcse.tifr.res.in/>

PhD Scholars



74. ICGEB PhD Fellowships/ Arturo Falaschi PhD Fellowships

Area: Life Sciences & Biotechnology

Funding Agency
International Centre For
Genetic Engineering
and Biotechnology
(ICGEB), New Delhi

ICGEB offers competitive Pre-doctoral Fellowships in Life Sciences to highly motivated scientists wishing to pursue PhD research studies in a world-class scientific environment. Fellowships include participation in a competitive research programme, access to state-of-the-art facilities, participation in ICGEB Meetings, Seminars and Journal Clubs and a competitive stipend, plus full coverage of tuition fees and health insurance.

Link:

https://www.icgeb.org/?post_type=fellowships&p=42361

PhD Scholars





75. ICGEB Postdoctoral Fellowships/ Arturo Falaschi Postdoctoral Fellowships

Area: Life Sciences & Biotechnology

Funding Agency

International Centre For Genetic Engineering and Biotechnology (ICGEB), New Delhi

ICGEB offers competitive Postdoctoral Fellowships in Life Sciences to highly motivated scientists wishing to pursue postdoctoral research in a world-class scientific environment. The Fellowships comprise a very competitive package including stipend, health insurance and additional benefits. The most successful fellows will also be eligible, upon completion, to apply for ICGEB Early Career Research Grants to support their own research programmes as young PIs upon return to an ICGEB Member State.

Link: <https://www.icgeb.org/fellowships/arturo-falaschi-postdoctoral-fellowships-2024/>

PhD Scholars





76. ICGEB SMART Fellowships

Area: Life Sciences & Biotechnology

The ICGEB SMART Fellowship programme promotes the mobility of researchers between ICGEB Member States as a way of enhancing skill development, acquisition of specific hands-on training in new technologies and increasing cooperation in science and technology and should show clear evidence of strong collaboration between the two laboratories.

Funding Agency

International Centre For Genetic Engineering and Biotechnology (ICGEB), New Delhi

Link:

https://www.icgeb.org/?post_type=fellowships&p=42384

PhD Scholars

77. ICMR JRF Examination

Area: Life Sciences & Biotechnology

ICMR holds a national level examination for determining the eligibility of Indian National candidates for the award of Junior Research Fellowships (JRF). ICMR JRF Examination is the first step in the process of admission to the Ph.D/ Research Programme through council's support. Candidates with Post Graduate Degree in Basic Science or in Professional Course are eligible to apply. The award of JRF is made on merit basis by holding an entrance examination once a year, usually held in the first/second week of July. The award of Fellowship to the successful eligible candidates will depend on their finding placement in a medical college / hospital/ university/ institution of higher learning and research as applicable. A total of 150 Fellowships are awarded. 120 Fellowships are awarded for work in the field of Biomedical Sciences with emphasis on Life Sciences (like microbiology, physiology, molecular biology, genetics, human biology, bioinformatics, biotechnology, biochemistry, biophysics, immunology, pharmacology, zoology, environment science, botany, veterinary sciences etc.). 30 Fellowships are awarded for work with emphasis on Social Sciences like psychology, sociology, home science, statistics, anthropology, social work and health economics. The candidates selected for the JRF programme of ICMR would be permitted to enroll for the Ph.D. programme of any University recognised by the UGC/MCI. However, the JRF programme would not have any connection with the Ph.D. programme. The validity of fellowship awarded to a candidate is 6 months. Another 100 candidates are selected for consideration for positions of JRF under various research schemes of ICMR (subject to fulfilling the conditions for appointment under the schemes) for the duration of that scheme. These JRFs would also be permitted to complete Ph.D. while working in the scheme, if enrolled. The validity of result will be 2 year for placement in ICMR funded projects. Fellowship amount: Fellowship for JRF / SRF is Rs. 25000 / 28000 p.m. plus House Rent Allowance (HRA) as per norms and an annual contingency grant of Rs. 20000. Continuation of the fellowship every year is based on the satisfactory performance of the candidates, as decided by the competent authorities.

Funding Agency

**Indian Council of
Medical Research
(ICMR)**

PhD Scholars

Link:

<https://cdn.digialm.com/EForms/configuredHtml/2650/65622/Index.html>

78. IGSTC Industrial Fellowships 2025

Area: Engineering Sciences

Indo-German Science & Technology Centre (IGSTC), established by the Department of Science and Technology (DST), Government of India, and the Federal Ministry of Education and Research (BMBF), Government of Germany invites applications for availing Industrial Fellowships. This programme is aimed at encouraging PhD students/researchers in S&T with an appreciable track record and aptitude for applied research and technology development.

Funding Agency

Department of Science and Technology (DST), Govt. of India

Link:

https://www.igstc.org//home/industrial_fellowships_2025

PhD Scholars



79. INSA JRD-TATA Fellowship

Area: All Science Disciplines

Funding Agency

**Indian National Science
Academy (INSA), New
Delhi**

INSA has instituted this fellowship programme in honour of the late JRD Tata, a visionary and leading industrialist. It is administered by Centre for International Co-operation in Science (CICS). The objective is to extend facilities of scientific infrastructure and expertise of India to scientists and researchers from other developing countries. The Fellowship established from an Endowment received from Sir Dorabji Tata Trust fosters advanced research training of scientists from the developing world and promotes south-south co-operation. The Fellowship is intended for researchers (Nationals) from developing countries except India, who have aptitude for research and are desirous of working in an Indian research laboratory for a maximum period of 3 months. Applicants possessing Doctorate or Master's Degree in Science or equivalent degree in Engineering/Medicine and allied disciplines, below 45 yrs of age may apply. The Fellowship covers return airfare, maintenance allowance and incidentals for 3 months, accommodation to be provided by the host institute either free of cost or at nominal charges and contingency grant for purchase of books and stationery.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd-post-doctoral-faculties-scientists/insa-jrd-tata-fellowship>

PhD Scholars

80. INSPIRE - AORC Fellowship (Innovation in Science Pursuit for Inspired Research - Assured Opportunity for Research Careers)

Area: All Science Disciplines

INSPIRE, an innovative programme of DST, was launched in 2008 with a long term foresight to attract talent to the excitement and study of science at an early age, and to help our nation build the required critical resource pool for strengthening and expanding the S&T system and R&D base. INSPIRE fellowship under AORC 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. There is a two-tier selection process i.e. screening of eligible applications by an Internal Committee, followed by final selection through an Expert Committee. The JRF or SRF under this scheme shall be termed as INSPIRE Fellow. There is a provision of total 1000 Final offers of INSPIRE Fellowships to be given every year. Eligibility: i) 1st Rank Holders at University Level Examination in Basic and Applied Sciences (not at Autonomous College Level Exam) i.e. full time post-graduate program in science/ engineering/technology / agriculture / pharmacy / other applied science streams/ MBBS ii) INSPIRE scholars, who have secured aggregate marks of 65 % or above at the 2 yr MSc or 5 yr Integrated MSc/MS Fellowship amount: INSPIRE fellowship amount is equivalent to NET/GATE fellowship (JRF/SRF) and grants for research to the candidates. This Fellowship shall not be available to pursue M.Sc / M.Phil. /M.Tech courses during any such Integrated PhD courses but only available during pursuing Ph.D. The Fellowship shall be tenable for 5 yrs or completion of the Ph.D. program, whichever earlier. Continuation of the fellowship for once selected candidates is based on satisfactory performance as per Govt. of India guidelines.

Link: <https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd/inspire-aorc-fellowship-innovation-science-pursuit-inspired>

Funding Agency

**Department of Science
& Technology (DST),
Govt. of India**

PhD Scholars

81. International PhD Fellowship Programme

Area: All Science Disciplines

The Programme is designed for International Students to conduct PhD in IIT Delhi. Master's degree in Engineering/Technology or Master's degree in Science/Humanities or equivalent discipline with a minimum Cumulative Grade Point Average (CGPA) of 6.00 on a 10-point scale or equivalent, as determined by IIT Delhi or 60% marks in aggregate (of all the years/Semesters) OR Bachelor's Degree in Engineering/ Technology or equivalent discipline with a minimum Cumulative Grade Point Average (CGPA) of 7.00 on a 10-point scale or equivalent, as determined by IIT Delhi or 70% marks in aggregate (of all the years/Semesters).

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd/international-phd-fellowship-programme>



82. Junior Research Fellowship in Engineering & Technology (JRFET)

Area: Engineering Sciences

Funding Agency
University Grants
Commission (UGC), Govt.
of India)

The objective of this scheme is to provide an opportunity to research scholars to undertake advanced study and R&D in engineering and technology, and agricultural engineering, leading to Ph.D. degree. M.Pharm, M.E. and M.Tech students are given this opportunity, through direct interview conducted by the Commission since UGC or CSIR do not conduct National Education Testing (NET) examinations in these fields as of now. There are 50 slots under this scheme per year. The selection is made on the basis of merit and as per the procedure of the Commission. Eligibility: Minimum qualifications are a master's degree in engineering/ technology/ pharmacy, with 55 per cent marks. GATE is not a mandatory condition for getting this fellowship. Candidates need to hold an M.E./M.Tech degree. Fellowship amount: The rate of fellowship for JRF and SRF will be as per the UGC stipulated guidelines, amended from time to time. The total period of fellowship (JRF and SRF) is 5 yrs or upto awarding of the Ph.D. degree, whichever earlier.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd/junior-research-fellowship-engineering-technology-jrfet>

PhD Scholars

83. Maulana Azad National Fellowship for Minority Students (MANF)

Area: All Science Disciplines, Other Areas

The objective of the scheme is to provide integrated 5 yr fellowships in the form of financial assistance to students from minority communities, as notified by the Central Govt. to pursue higher studies such as M.Phil. and Ph.D. at Indian Universities/ Institutions/ Colleges. It caters to Sciences, Humanities, Social Sciences, Commerce and Engineering & Technology. 3% fellowships are reserved for Physically Handicapped candidates belonging to Minority Communities as per Govt. rules. Eligibility: (i) Candidate should belong to one of the minority communities as notified i.e. Muslim, Christian, Sikh, Buddhist, Parsi & Jain. (ii) Candidate should be registered for regular and full time M.Phil/Ph.D courses in University/Academic Institution by fulfilling conditions of admission of that University/Institution. (iii) The annual income of the beneficiary/parents or guardian of the beneficiary should not exceed Rs. 2.5 lakh from all sources. (iv) The candidate should have secured a minimum score of 50% at Post Graduate level. Fellowship amount: For JRF/SRF, the fellowship is Rs.25000/28000 p.m. plus House Rent Allowance (HRA) as per norms. The Contingency is Rs.10000 p.a. for initial two yrs and subsequently Rs.20500 p.a. for Humanities & Social Sciences & Commerce while Rs.12000 and Rs.25000 in the respective categories for science students. In UGC-CSIR NET, annual contingency grant is of Rs. 20000. These are integrated 5 yr fellowships for M.Phil&Ph.D, subject to academic criteria in force for selection to Ph.Dprogramme as well as yearwise continuation.

Link: <https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd/maulana-azad-national-fellowship-minority-students-manf>

Funding Agency

**Department of
Biotechnology
(DBT), Govt. of
India**

PhD Scholars

84. National Eligibility Test (NET)

Area: All Science Disciplines, Other Areas

The National Educational Testing Bureau of UGC conducts NET to determine eligibility for lectureship and award of Junior Research Fellowship (JRF) for Indian nationals toward ensuring minimum standards for the entrants in teaching and research profession. The JRFs are awarded to the more meritorious candidates among those qualifying NET. The tests are generally conducted twice a year, in the months of June and Dec. Eligibility: Students appearing in final yr examination or having Masters or Equivalent degree subject to certain minimum qualifying marks can apply. UGC-NET is conducted in Humanities (including languages), Social Sciences, Forensic Science, Environmental Sciences, Computer Science & Applications and Electronic Science. CSIR conducts the UGC-CSIR NET for other Science subjects i.e. Life-, Physical-, Chemical-, Mathematical- and Earth Atmospheric Ocean & Planetary Sciences jointly with the UGC. Fellowship amount: Fellowship for JRF/SRF is Rs.25000/28000 p.m. plus House Rent Allowance (HRA) as per norms. In UGC-NET, the Contingency is Rs.10000 p.a. for initial two yrs and subsequently Rs.20500 p.a. for Humanities & Social Sciences while Rs.12000 and Rs.25000 in the respective categories for Science. In UGC-CSIR NET, annual contingency grant is of Rs. 20000. The tenure of fellowship is for 5 yr or PhD completion, whichever earlier. Yearwise continuation of the fellowship is based on the satisfactory performance of the candidates, as certified by the competent authorities.

Link: <https://ugcnet.nta.nic.in/>

Funding Agency

**University Grants
Commission (UGC), Govt.
of India; Council of
Scientific and Industrial
Research (CSIR), Govt. of
India**

PhD Scholars

85. National Fellowship for Higher Education of ST Students (NFST)

Area: All Science Disciplines, Other Areas

The objective of the scheme is to encourage the Scheduled Tribe (ST) students, a section of society with the lowest literacy levels in the country, to acquire higher education by providing financial assistance in the form of fellowships to pursue M.Phil and Ph.D. Courses (full time) in Sciences, Humanities & Social Sciences & Technology in recognised Indian Universities/Colleges/Institutes. There are 750 slots for ST candidates every year for all the subjects.

Eligibility:

i) The candidate belonging to ST should have passed the Post-Graduation examination in the concerned subject.

ii) The candidate must be registered for regular and full time M.Phil./Ph.D courses in recognized University/ Institute/ Colleges by UGC. Fellowship amount: For JRF/SRF, the fellowship amounts to Rs.25000/28000 p.m. plus House Rent Allowance (HRA) as per norms. The Contingency is Rs.10000 p.a. for initial two yrs and subsequently Rs.20500 p.a. for Humanities & Social Sciences while Rs.12000 and Rs.25000 in the respective categories for Science. For M.Phil candidates, the fellowship shall be upto the period of 2 yrs or the date of dissertation, whichever is earlier while for Ph.D students, the tenure is upto 5 yrs or the date of viva, whichever earlier. Continuation of the fellowship every year for selected candidates is based on satisfactory performance, as recommended by the competent authorities.

Funding Agency

**University Grants
Commission (UGC), Govt.
of India; Ministry of Tribal
Affairs, Govt. of India**

PhD Scholars

Link: <https://scholarships.gov.in/>



86. National Fellowship for Other Backward Classes (NFOBC)

Area: All Science Disciplines, Other Areas

Funding Agency

**University Grants
Commission (UGC), Govt.
of India; Ministry of Social
Justice & Empowerment,
Govt. of India**

The scheme has been initiated to cater to the needs of the other backward classes (OBC) candidates of the society and to provide them opportunity for undertaking advanced studies and research. The objective of this award is to provide financial assistance in the form of fellowships to unemployed students belonging to OBC to pursue higher studies leading to M.Phil and Ph.D degrees (full-time) in Sciences, Humanities and Social Sciences and Engineering & Technology. The numbers of slots are 300 every year and selection is merit-based. There is a provision of 3% reservation of slots for providing fellowships to Persons with Disability (PwD) belonging to OBC category.

Eligibility:

i) The candidate should belong to OBC and should have passed the Post Graduate examination in concerned subject

ii)) The candidate should be already registered for M.Phil./Ph.D. (full-time) in recognised Universities/Institutions/ Colleges in India iii) The annual income of the beneficiary/parents or guardian of the beneficiary should not exceed Rs. 6 Lakh per annum from all sources. Fellowship amount: For JRF/SRF, it is Rs.25000/28000 p.m. plus House Rent Allowance (HRA) as per norms. The Contingency amount is Rs.10000 p.a. for initial two yrs and subsequently Rs.20500 p.a. for Humanities & Social Sciences while Rs.12000 and Rs.25000 in the respective categories for Science. The Fellowship will be effective from 1st April of the selection year or the actual date of joining, whichever is later. The tenure of the fellowship is upto 5 yrs or the date of submission of Ph.D. Thesis, whichever earlier. Continuation of the fellowship every year for selected candidates is based on satisfactory performance as certified by the competent authorities.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd/national-fellowship-other-backward-classes-nfobc>

PhD Scholars

87. National Fellowship for Scheduled Caste Students (NFSC)

Area: All Science Disciplines, Other Areas

Funding Agency
University Grants
Commission (UGC), Govt.
of India; Ministry of
Social Justice &
Empowerment, Govt. of
India

The objective of this scheme is to provide financial assistance in the form of 5 yr fellowships to students from Scheduled Caste (SC) categories, as notified by the Central Government to pursue higher studies such as M.Phil. and Ph.D. at Indian Universities/ Institutions. There are 2000 slots for SC every year for all the subjects. 3% fellowships are reserved for Physically Handicapped candidates belonging to SC categories as per provision of the Govt. of India. Eligibility: i) The candidate should belong to SC/ST and should have passed the Post Graduate Examination in concerned subject. ii) The Candidate must be registered for M.Phil./Ph.D. Fellowship amount: For JRF/SRF, it amounts to Rs.25000/28000 p.m. plus House Rent Allowance (HRA) as per norms. The Contingency is Rs.10000 p.a. for initial two yrs and subsequently Rs.20500 p.a. for Humanities & Social Sciences while Rs.12000 and Rs.25000 in the respective categories for Science. The Fellowship shall be tenable for 5 yrs. Continuation of the fellowship every year for selected candidates is based on satisfactory performance as recommended by the competent authorities.

Link: <https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd/national-fellowship-scheduled-caste-students-nfsc>

PhD Scholars



88. Newton Bhabha Fund PhD Placement Programme

Area: All Science Disciplines

Funding Agency

**British Council India;
Dept. for Business Energy
& Industrial Strategy, UK;
Dept. of Science &
Technology (DST) Govt. of
India; Dept. of
Biotechnology (DBT), Govt.
of India**

In order to support short-term PhD placements between UK and Indian institutions, Newton Fund India in partnership with DST and DBT is offering opportunity for the UK and Indian PhD scholars to spend a period of their study (2 to 4 months) in Indian and UK higher education institutions. The programme is envisaged to: develop individual capacity through international training and development opportunities. Increase the number of highly trained researchers in the UK and India with international experience. Able to contribute to the absorptive capacity for research and innovation, leading to economic and social benefits. Build cultural understanding and foster long-term sustainable research collaborations. Develop international joint training pathways and increase awareness of the research strengths of the UK and India.

Eligibility: In India, the scheme is open only for Indian scholars enrolled at Indian higher education institution with following criteria: (i) INSPIRE PhD Senior Research Fellows (SRFs) applying for a Science, Technology, Engineering and Mathematics (STEM) and Life Sciences subject. (ii) PhD Scholar (other than INSPIRE Fellows) who have qualified through national level test and are pursuing PhD in mid second or third year of Life sciences.

Fellowship Amount: Visa fee, economy class international airfares, overseas medical insurance as well as in-country costs including accommodation and stipend for PhD scholars are covered.

PhD Scholars

Link: <https://dbtindia.gov.in/latest-announcement/newton-bhabha-phd-placement-programme-year-2019-20date-has-been-extended-till-22>

89. Prime Minister Fellowship Scheme for Doctoral Research

Area: All Science Disciplines

Funding Agency

Science and Engineering Research Board (SERB), Dept. of Science & Technology (DST), Govt. of India; Indo-U.S. Science and Technology Forum (IUSSTF); WINStep Forward

This scheme aims at encouraging young, talented, enthusiastic and result-oriented scholars for carrying out research in industry-relevant cutting edge science and technology domains, with focus on national priorities. This scheme has been devised under Public-Private-Partnership (PPP) mode for human resource capacity building for Industrial R&D and enhancing trust level in academia, research outfits and industry. Areas of research include Science, Technology, Engineering, Agriculture or Medicine. Up to 100 Fellowships are provided every year. Eligibility: The applicant should be a doctoral fellow enrolled/admitted for PhD in last 14 months from the date of submission of applications in any recognized Indian University / Institute / Research Laboratory. Candidates have to find an industry partner/co-applicant, who is ready to support the research project financially and also lend technical and intellectual support. The topic of research should be innovative, having practical relevance and industrial application. The candidate and the proposed research topic should qualify on criteria of excellence, and be of technical and scientific merit. The Apex Council, having representation from both industry and academia, vets the received proposals and makes final selection. The selected doctoral fellow should be willing to work with/in industry as and when required by the industry partner during the project period. Fellowship amount: Under this scheme, the scholars get double the JRF/SRF amount as scholarship. 50% of the scholarship comes from SERB (equivalent to the prevailing Govt. norms for JRF/SRF inclusive of HRA), while rest 50% comes from the partner company. The Fellowship amounts to Rs. 6 Lakh p.a. (as per applicable slabs) and will be revised as per the JRF/SRF norms from time to time. There will be an annual review of the progress made by the candidate by certified committee. The duration of the fellowships will be a maximum of 4 yrs leading with awarding of PhD degree.

Link: <https://www.primeministerfellowshipscheme.in/>

PhD Scholars



90. Prime Minister Research Fellowship (PMRF)

Area: All Science Disciplines

Funding Agency

**Ministry of Human
Resource Development
(MHRD), Govt. of India**

PMRF scheme has been designed to attract the talent pool of our country toward doctoral programs of Indian Institutes of Technology (IITs) and Indian Institute of Science (IISc) and for carrying out research in cutting edge science and technology domains, with focus on national priorities. For each participating IIT and IISc, the Ph.D admissions under this scheme will be supernumerary. Eligibility: Students who have completed, or are in the final yr of 4 yr undergraduate or 5 yr integrated M.Tech or integrated M.Sc. courses or 5 yr undergraduate-postgraduate dual degree programs in Science and Technology streams from IEST/IISc/IITs/NITs/IISERs and centrally funded IITs are eligible, provided they fulfil prescribed minimum qualifications. The applicants should have completed the required academic qualification in the last 5 years. The selection process will be a rigorous two stage process with screening by the Reviewers and final selection by the Selection Committee for each broad discipline to ensure selection of the best talent. Fellowship Amount: Selected candidates will be offered admission to Ph.D. program in one of IITs/IISc with a fellowship of Rs.70000 p.m. for initial 2 yrs, then Rs.75000 p.m. for the 3rd yr, and Rs.80000 p.m. in the 4th and 5th yrs. A research grant of Rs.2 Lakh p.a. will be provided to each Fellow for a period of 5 yrs to cover their academic contingency expenses, foreign/national travel etc. There is a rigorous review of the performance of PMRF holders by National Coordination Committee (NCC) for yearwise continuation of the fellowship. The tenure of fellowship is 4 yrs for students from Integrated Courses and 5 yrs for B.Tech students.

PhD Scholars

Link: <https://www.pmr.in/>

91. Ramaiah Doctoral Fellowship 2024-25

Area: Science & Technology, Engineering Sciences, Other Areas

Funding Agency
M S Ramaiah Institute
of Technology

The research scholars admitted for full time Ph.D. Doctoral Programme in MSRIT will be given a fellowship amount of Rs.25,000/- (Rupees Twenty Five Thousand only) per month for a period of 3 years from the date of registration which is based on the recommendation of the Committee each year. Indeed, it is a great opportunity for the eligible candidates to pursue their Ph.D. programme in most reputed M S Ramaiah Institute of Technology.

Link: <https://msrit.edu/research/phd/>

PhD Scholars

92. Raman-Charpak Fellowship

Area: All Science Disciplines

Funding Agency

Department of Science & Technology (DST), Govt. of India; Service for Science and Technology (SST), French Embassy in India, Ministry of Foreign Affairs & International Development, Govt. of France.

PhD Scholars

This program is in honour of two Nobel Laureates in Physics, Prof C.V. Raman, Indian Nobel Laureate, 1930 and Prof Georges Charpak, French Nobel Laureate, 1992. The Fellowship was launched during February, 2013. The objective is to facilitate the exchange of doctoral students between the two countries, in order to broaden the scope and depth of future engagements in science, technology and innovation. This programme implemented by the Indo French Centre for Promotion of Advanced Research (IFCPAR/CEFIPRA) aims at improving the doctoral skills of Indian and French students by providing them an opportunity to carry out part of their research work in a University / Research Institute based in France or India respectively. The scheme also provides an exposure and experience about the current research methods and trends in France/India, while discovering each another's cultural context. This Programme is for PhD research scholars and Masters Students (only from France) at an Indian or French Research Institute / University for duration of 2 to 6 months. Fellowship amount: For Indian Fellow, Fellowship Support of 1500 Euros per month for daily expenses, local travel, accommodation charges plus social security charges are provided while for French Fellow, it is Rs. 40,000/- per month for daily expenses, local travel, etc. plus accommodation charges not exceeding Rs. 45,000 per month. The Fellows are also entitled to Return airfare ticket in economy class between India and France, Insurance coverage (travel & health), administrative costs for Visa and Registration, additional support (up to Euro 500 for Indian Fellows and equivalent support for French Fellows) for participating in a Seminar/Workshop during their term of the fellowship and stay in host country etc.

Link: <https://www.cefipra.org/PgmMF.aspx?p=RC>



93. Research Internships in Science and Engineering (RISE)

Area: All Science Disciplines

Funding Agency

**Indo-US Science and
Technology Forum
(IUSSTF)**

RISE provides unique opportunities for science, technology, engineering and medical students from the United States to undertake internships in national laboratories, federal research centres, academic research institutes, and private R&D laboratories in India. The objective is to provide students exposure to Indian Science and Technology (S&T) milieu, gain practical skills and develop collaborative networks. Internships are envisaged as a source of mutual cultural and professional enrichment for both the interns and their host institutions.

Eligibility: U.S. Citizens or permanent residents and Indian Citizens. It is open to science, engineering, technology and medical disciplines. Ph.D and Master students enrolled at a regionally accredited institution of higher education in U.S. can apply.

Fellowship amount: It includes Monthly stipend, Accommodation and Airfare. The duration of Internship is for 3 months.

Link: <https://iusstf.org/research-internships-in-science-engineering>



94. Swami Vivekananda Single Girl Child Scholarship for Research in Social Sciences (SVSGC)

Funding Agency

University Grants
Commission (UGC),
Govt. of India

This special scheme has been introduced with the objective of promoting girls and their education in the society, thereby providing a boost to increased sex ratio in favour of women and small family norm. SVSGC aims to compensate direct costs of higher education especially for such girls who happen to be the only child in their family. Applications are invited through online mode once a year. The fellowship is awarded on the basis of recommendation of the Expert Committee. Eligibility: Girls who happen to be the only child in their family and are pursuing Ph.D. in Social Sciences in Universities / Colleges / Institutes. Twin daughters / fraternal daughter can also apply. Fellowship amount: Rs.25000 p.m. for initial 2 yrs; subsequently Rs.28000 p.m. plus House Rent Allowance as per norms and Contingency grant of Rs.10000 p.a. for initial two years and thereafter Rs.20500 p.a. is given. : Fellowship will be granted upto the date of submission of Ph.D or 5 yrs, whichever earlier.

Link: <https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd/swami-vivekananda-single-girl-child-scholarship-research-social>

PhD Scholars





95. The WISE SCOPE Fellowship

Area: Science & Technology

Funding Agency

Department of Science and Technology (DST)

The WISE SCOPE Fellowship program of the Department of Science & Technology (DST) aims to provide opportunity to Women Scientists and Technologists who have completed Ph.D. and want to utilize their S&T knowledge and expertise for the benefit of society. This program promotes projects that directly deal with challenges at grassroots level and address them through S&T interventions. Projects under WISE-SCOPE (WISE-Societal Challenges with Opportunities) should provide S&T solutions to our social problems, livelihood generation, drudgery reduction, health and nutrition related issues, management of natural resources, sustainable agriculture, climate change, disaster management etc. Project proposal should include the development of viable technology/technique with possibility of lab-to-land transfer, adaptation and scaling up for the benefit of society under following broad thematic areas.

Link:

<https://onlinedst.gov.in/Projectproposalformat.aspx?Id=2323>

PhD Scholars

96. TWAS PhD Fellowships

Area: All Science Disciplines

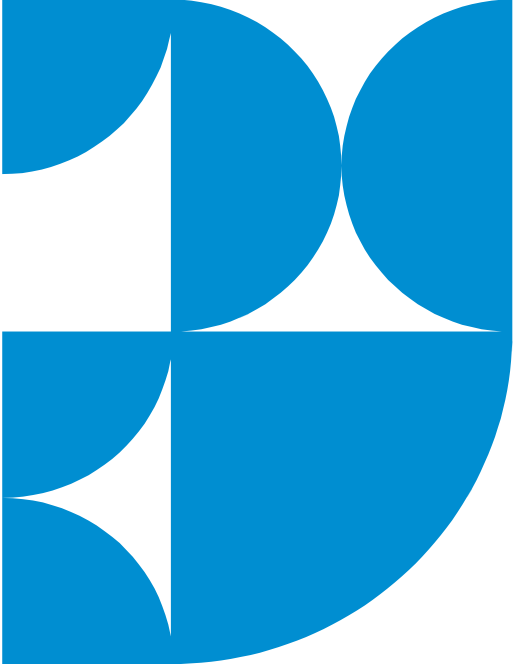
Funding Agency

The World Academy of Sciences (TWAS), Italy

TWAS is a global science academy based in Trieste, Italy, which supports sustainable prosperity through research, education, policy and diplomacy. The organization and its partners offer over 600 fellowships per year to scientists in the developing world who want to pursue PhDs and postdoctoral research.

Link: <https://twas.org/opportunities/fellowships/phd>

PhD Scholars



97. Water Advanced Research and Innovation (WARI) Fellowship Program

Area: Chemical Sciences, Engineering Sciences, Life Sciences & Biotechnology

Funding Agency

Department of Science and Technology, Govt. of India; University of Nebraska-Lincoln (UNL); Daugherty Water for Food Institute (DWFI); Indo-US Science and Technology Forum (IUSSTF)

PhD Scholars

Recognizing that Water is of fundamental importance for human development, the environment and the economy, and needs to feature prominently in the development agenda of both India and the United States, this dynamic and transformative program has thus been developed to foster long term Indo-American science and technology partnerships. The Program is envisaged to provide opportunity to best and brightest Indian students and scientists to gain exposure and access to world class research facilities at University of Nebraska-Lincoln (UNL) and Daugherty Water for Food Institute (DWFI) and to promote research and capacity building in the area of Water. It paves the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations. For Student Internships, Indian citizens currently pursuing a Ph.D. in Water Science and Engineering at a recognized institution of higher education and learning in India are eligible to apply. Age limit is up to 32 years. For Fellowships, Indian citizens having Ph.D. in Water Science and Engineering, working in the fields of water resources, water chemistry and environmental engineering, and affiliated to public-funded R&D lab/ S&T institution / recognized university /college in India are eligible to apply. Applicants must be capable of doing independent research and should have published in high-impact academic journals. Age limit is up to 40 years. Internship is provided for 3 - 6 months while Fellowships for 3 - 12 months. The number of Internships / Fellowships is 5 each per year, that may be changed at discretion of the competent authorities. Fellowship/Internship includes Monthly Stipend, Return Air fare, Contingency Allowance etc.

Link: <https://iusstf.org/water-advanced-research-innovation-fellowship>

98. Women Scientist Scheme-A (WOS-A)

Area: Physical Sciences, Chemical Sciences, Life Sciences & Biotechnology, Earth, Atmosphere & Environment Sciences, Engineering Sciences, Mathematical Sciences

Funding Agency

Department of Science & Technology (DST), Govt. of India

Women Scientists Scheme-A (WOS-A) provides platform to women scientists and technologists or pursuing research in basic or applied sciences in frontier areas of science and engineering. The scheme plays pivotal role in gender mainstreaming as it not only prevents brain drain from S&T system but also train and retain women in the system. The scheme initially offers opportunity to work as bench-level scientists and ultimately open new avenues for permanent position in Science & Technology. The Scheme is open throughout the year. Eligibility: (i) Ph.D. in Basic or Applied Sciences or equivalent degree; (ii) M.Phil/M.Tech/M.Pharm/M.VSc or equivalent degree; (iii) M.Sc in Basic or Applied Sciences/B.Tech/MBBS or equivalent degree Fellowship amount: Rs.55,000/- per month for first eligibility group, Rs.40,000/- per month for second eligibility group and Rs.30,000/- per month for third eligibility group.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd/women-scientist-scheme-wos>

99. Women Scientist Scheme-B (WOS-B)

Funding Agency

Department of Science & Technology (DST), Govt. of India

Women Scientist Scheme-B (WOS-B) focuses on projects related to Science & Technology (S&T) interventions for societal benefit. Women scientists who wish to apply under this scheme are required to develop their own project/proposals for scientific and technological solutions to address issues preferably at enhance quality-of-life the grassroots level.

Eligibility:

(i) Ph.D. in Basic or Applied Sciences or equivalent degree

(ii) M.Phil/M.Tech/M.Pharm/M.VSc or equivalent degree

(iii) M.Sc in Basic or Applied Sciences/B.Tech/MBBS or equivalent degree Fellowship amount: Rs.55,000/- per month for first eligibility group, Rs.40,000/- per month for second eligibility group and Rs.30,000/- per month for third eligibility group.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd/women-scientist-scheme-b-wos-b>

PhD Scholars



100. Women Scientist Scheme-C (WOS-C)

Area: Physical Sciences, Chemical Sciences, Life Sciences & Biotechnology, Engineering Sciences, Medical Sciences, Computer Sciences and Information Technology

Funding Agency

Department of Science & Technology (DST), Govt. of India

Women Scientist Scheme-C (WOS-C) is being implemented by the Patent Facilitating Centre of Technology Information Forecasting & Assessment Council (TIFAC). Hands-on training on different aspects of IPRs (e.g. patent search, know-how, drafting, filing, trademarks, trade secrets, copyright etc.) is major part of WOS-C curriculum in association with various Knowledge Partners (i.e. Law firms, Knowledge Processing Organizations (KPOs), Companies, Government agencies, and so on).

Eligibility:

(i) Ph.D. in Basic or Applied Sciences or equivalent degree

(ii) M.Phil/M.Tech/M.Pharm/M.VSc or equivalent degree

(iii) M.Sc in Basic or Applied Sciences/B.Tech/MBBS or equivalent degree Fellowship amount: Rs.30,000/- per month for first eligibility group, Rs.25,000/- per month for second eligibility group and Rs.20,000/- per month for third eligibility group.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd/women-scientist-scheme-c-wos-c>

PhD Scholars



101. ANRF- National Post Doctoral Fellowship (N-PDF)

Area: Engineering, Science

Funding Agency

**Anusandhan National
Research Foundation
(ANRF)**

The ANRF-National Post Doctoral Fellowship (N-PDF) is aimed to identify motivated young researchers and provide them support for doing research in frontier areas of science and engineering. The fellows will work under a mentor, and it is hoped that this training will provide them a platform to develop as an independent researcher. The fellows will also receive the grant.

Link: <https://anrfonline.in/ANRF/npdf?HomePage=New>

Post Doctoral Fellows



102. Boston – Bangalore Biosciences Beginnings (B4)

Area: Life Sciences & Biotechnology

Funding Agency

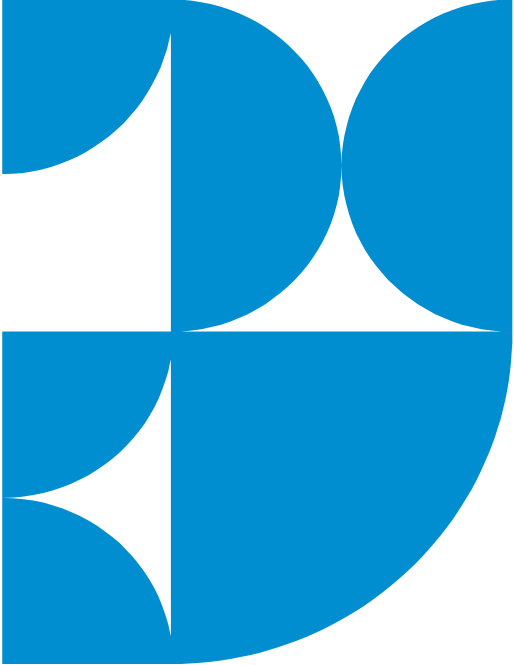
**Department of
Biotechnology (DBT), Govt.
of India**

The mission of B4 is to nurture progress in the field of biosciences, including biotechnology, through the development of partnerships with leading universities and by engaging scientists from India and Harvard through exchange programs. Under continuous efforts to raise quality of Science & Technology in India, DBT and Department of ITBT and S&T (Information Technology & Biotechnology and Science and Technology), Govt. of Karnataka (GOK) signed a letter of Intent (LOI) to establish B4 in partnership with Harvard University facilitated by nodal centres in Boston, Massachusetts, USA and Bengaluru, Karnataka, India in Dec, 2015. The broad scope of LOI is to enable working together towards linking up of Institutions in the two cities and beyond to promote innovation & entrepreneurship in the areas of Genomics, Neurosciences, Synthetic Biology and Biologics, with the goal being ‘invest in people’ to grow the sector for societal benefits. An agreement between South Asia Institute (SAI), Harvard University, Boston, Massachusetts, USA and GOK supported Institute for Bioinformatics and Applied Biotechnology (IBAB) has been signed. Under the programme, a one year Science and Technology Fellowship to a total of 5 doctoral and/or postdoctoral scholars from Karnataka will be provided for working in laboratories at Harvard. A two week hands-on course in Bengaluru, India on an interdisciplinary topic(s) for young scientists of India would also be carried out.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd-post-doctoral/boston-%E2%80%93-bangalore-biosciences-beginnings-b4>

Post Doctoral Fellows



103. Building Energy Efficiency Higher and Advanced Network (BHAVAN) Fellowships

Area: Engineering Sciences, All Science Disciplines, Other Areas

Funding Agency

**DBT/Wellcome Trust India
Alliance (India Alliance)**

Recognizing that climate change, clean and efficient energy and environmental protection are among the biggest challenges facing India and the United States and to address the need for human resource development and capacity building in the frontier area of Building Energy Efficiency, this dynamic visitation program between Indian and US institutions and premier universities has been developed. The Fellowships are envisaged to create a sustainable and vibrant linkage between the two nations, as well as build long term Indo-American science and technology relationships. The Program provides opportunity to best and brightest Indian students and scientists to gain exposure and access to world class research facilities in US academia and labs. It paves way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations. For Student Internships, Indian citizens currently pursuing a Ph.D. or M.Tech/ M.Arch. in the field of Building Energy Efficiency or in engineering/science/ technology/architecture with a major area of research related to Building Energy Efficiency at a recognized institution of higher education and learning in India are eligible to apply. Age limit is up to 32 years. For BHAVAN Fellowships, Indian citizens having Ph.D./ M.Tech./ M.Arch. with considerable research background and experience in the specific area of Building Energy Efficiency can apply. Applicants must be pursuing independent research on extra-mural / industry-supported research projects and should have published in high-impact academic journals. Age limit is up to 40 years. Internship is provided for 3- 6 months while Fellowships for 3 - 12 months. Fellowship/Internship includes Monthly Stipend, Return Air fare, Contingency Allowance, Health Insurance etc.

Post Doctoral Fellows

Link: <https://iusstf.org/building-energy-efficiency-higher-advanced-network-fellowship>

104. C.V. Raman Fellowship for African Researchers

Area: All Science Disciplines

Funding Agency

**Department of
Science &
Technology (DST),
Govt. of India;
Ministry of External
Affairs (MEA), Govt. of
India; Federation of
Indian Chambers of
Commerce & Industry
(FICCI)**

This programme was launched under the India-Africa Forum Summit to promote human capacity building through scientific and technological cooperation between Africa and India. The objective is to provide opportunity to African researchers to conduct collaborative research in various areas of science and technology in different Indian universities and research and development (R&D) institutions under guidance of host scientists in India. This prestigious fellowship aims to further strengthen the bond between India and African nations in the fields of science and technology. FICCI is the 'Coordinating Partner' and invites applications from African researchers for award of this fellowship. The Fellowships offered include Doctoral/ Post Doctoral Fellowship for duration of 6 months, Visiting Fellowship for 3 months and Senior Fellowship for 1 month. The Fellowship includes monthly sustenance allowances, contingency grant, return air fare by economy class etc.

Link: <https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation-phd-post-doctoral-faculties-scientists/cv-raman-fellowship-african-researchers>

Post Doctoral Fellows

105. CSIR Research Associateship (CSIR-RA)

Area: All Science Disciplines

A certain number of Research Associateships (RA-ships) are awarded each year directly by CSIR to young research workers who have shown promise in original research and propose to pursue research work in science, engineering, medicine or technology on specific projects. The Associate will do full time research work on problems stated in his/her application and approved by CSIR.

Eligibility: Candidates with PhD (in a science or engineering subject) or MD/MS/MDS (medical science) or ME/MTech/MPharm/MVSc with 3 years R&D experience are eligible to apply. PhD (science/engineering) thesis submitted are also eligible subject to their being awarded PhD degree before the expiry of the validity of the award offer. The applicant must have at least 1 research publication in standard refereed journal as notified. The fellows are selected on the basis of their C.V. and performance in the interview. The upper age limit for applying is 35 yrs, relaxable up to 5 yrs in the case of SC/ST/OBC, physically handicapped and women applicants.

Fellowship amount: Each fellow is entitled to a monthly stipend in the range of Rs. 36,000-40,000/- plus House Rent Allowance (HRA) as per norms. An annual contingency grant of Rs. 20,000/- is also provided. RA-ships will be tenable initially for a period of 1 year, extendable depending upon the progress of the research as evaluated by the competent authorities. The total tenure of RA is 3 yrs including the tenure of associateship awarded by UGC/DST/ICMR/ICAR etc.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-doctoral/csir-research-associateship-csir-ra>

Funding Agency

Council of Scientific and Industrial Research (CSIR)

Post Doctoral Fellows



106. CSIR-Nehru Science Postdoctoral Research Fellowship Scheme

Area: All Science Disciplines

This Scheme has been instituted to identify promising young researchers with innovative ideas and provide them with training and research opportunities in niche areas of basic science, engineering, medicine and agriculture. The goal is to facilitate their transition from mentored to independent research career. CSIR intends to give 100 such fellowships every year to promising fresh PhD holders for working in CSIR laboratories with state-of-art R&D facilities. Though this Scheme is open to Indian nationals, Persons of Indian Origin (PIO) and Overseas Citizen of India (OCI), a certain number (up to 20%) of fellowships may be offered to foreign nationals.

Funding Agency

**Council of Scientific and
Industrial Research (CSIR)**

Eligibility: PhD degree holders within 3 yrs of award of PhD degree can apply. Applicants who are about to submit thesis are also eligible, however, if selected, their thesis should be submitted before the expiry of the validity of the award offer. The applicants should have research publications in high impact factor SCI journals. The maximum age limit is 32 yrs, relaxable up to 5 yrs in case of SC/ST/OBC/Physically handicapped and women applicants. Eligible candidates must route their applications through the sponsoring CSIR laboratory. The candidates who have worked for their PhD from a particular CSIR laboratory are not eligible for applying from the same CSIR laboratory under this scheme. Eligible candidates can apply in the prescribed format any time of the year. The selections are made twice a year, usually in June and December. The selections made based upon the presentation of the proposed research project followed by interview by specially constituted Committees.

Fellowship amount: The Fellows are paid a consolidated monthly fellowship of Rs. 50,000/- plus House Rent Allowance (HRA) as per norms. An annual contingency grant of Rs. 3 Lakh is provided and 25% of it can be used for domestic and international travel including per diem expenses. The fellowship is tenable for 2 yrs and extendable for maximum 1 more year based on outstanding performance and recommendation from the Director of the concerned CSIR laboratory.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-doctoral/csir-nehru-science-postdoctoral-research-fellowship-scheme>

Post Doctoral Fellows

107. DBT Energy Biosciences Overseas Fellowships

Area: Life Sciences & Biotechnology

The DBT Energy Biosciences Overseas Fellowships is a re-entry scheme aimed at bringing back young scientists of Indian origin working overseas and who are desirous of returning to India and pursuing, complementing and enhancing quality of Research and Development (R&D) in energy related biosciences in an Indian institution.

Eligibility: The applicant should possess a PhD in relevant areas and/or an outstanding track record reflected in publications and other recognitions.

Fellowship amount: Fellowship of Rs. 85,000/- p.m. plus House Rent allowance (HRA) of Rs. 7500/- p.m. is provided. A Research/Contingency grant of Rs. 10 Lakh for first year, Rs. 7.5 Lakh for second year while Rs 5 Lakh for subsequent years is provided. The duration would be for a period of 1 year, extendable for 3 years based on the performance.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-doctoral-faculty-and-scientists/dbt-energy-biosciences-overseas-fellowships>

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

Post Doctoral Fellows

108. DBT-Research Associateship (DBT-RA)

Area: Life Sciences & Biotechnology

DBT in co-ordination with Indian Institute of Science (IISc), Bangalore provides DBT- Post Doctoral Fellowship for Indian nationals for pursuing research in frontier areas of Biotechnology and Applied Biology. The main objective is to train scientists in frontier areas of research in Biotechnology at premier institutions in India which are engaged in major biotechnological research activities.

Eligibility: Applicants should possess Ph.D. degree in Science, Engineering or M.D. or M.S. degree in any area of medicine with research interests in Biotechnology and Life Sciences and a good academic record. Applicants who have already submitted the Ph.D./M.D./M.S. thesis are also eligible to apply. The applicants should preferably be below the age of 40 yrs, while 45 yrs in case of women and in-service candidates. The fellows are selected on the basis of their C.V. and performance in the interview. The interview is held at IISc, Bangalore. The selection of Fellows is usually made twice a year. The Fellowship is tenable in research Institution / Universities including non-profit R&D Institution within India and normally are not availed at the same Institution where candidates have earned their Ph.D/M.D./M.S. degree or with the doctoral thesis supervisor or continue on doctoral thesis work.

Fellowship amount: The Research Associateship is tenable for a period of 2 yrs. In exceptional cases, depending upon the progress of the research and overall importance of the project, it may be extended upto 5 yrs. Each fellow is entitled to a monthly stipend in the range of Rs. 36,000-40,000/- (Rs. 28,000/- for those who are yet to be awarded the Ph.D/M.D./M.S. degree) plus House Rent Allowance (HRA) as per norms. A research contingency grant of Rs. 50,000/- per annum is also provided.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-doctoral/dbt-research-associateship-dbt-ra>

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India**

Post Doctoral Fellows



109. DBT–TWAS Biotechnology Fellowships For Post- Doctoral Studies

Area: Life Sciences & Biotechnology

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India; Third World
Academy of Sciences
(TWAS)**

These fellowships have been instituted for foreign scholars from developing countries who wish to pursue research in newly emerging areas in biotechnology for which facilities are available in the Laboratories/ Institutes in India. Around 25 Post Doctoral Fellowships are given.

Eligibility: The minimum qualification required is a Ph.D. degree in Biosciences or Biotechnology. The candidate should be a regular employee in a developing country and should be holding a research assignment. The age limit is 45 years.

Fellowship amount: The fellowship includes monthly stipend plus House Rent Allowance (HRA) and Medical Allowance as per Host Institute norms. An annual Contingency grant of Rs. 50,000/- is also provided. The cost of international travel by shortest route will be met by TWAS. The duration of fellowship is for 12-18 months.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-doctoral/dbt%E2%80%93twas-biotechnology-fellowships-post-doctoral-studies>

Post Doctoral Fellows

110. DST Science, Technology, and Innovation Policy Fellowships Programme (DST-STI-PFP)

Area: All Science Disciplines

The DST-STI-PFP was instituted in 2016 to generate a critical mass of policy researchers. The objectives are enhancing human resources that can engage with and contribute to the STI policy domain and to strengthen the knowledge base, think tank, and evidence-based policy making. The goal is to build up the cadre of academic STI policy researchers in the country, such that these Fellows may actively contribute in policy making in academia, research organizations, or even in government. The fellowship would provide an opportunity to develop the skills for young scientists and engineers who are interested in engagement with the STI policy domain and/or as STI policy researchers. It aims to attract and encourage top-quality researchers to work on the issues pertaining to STI policy and contribute their knowledge and analytical skills in the policy realm. The number of Postdoctoral Fellowships to be awarded per year is around 8, which can be increased or decreased at DST's discretion.

Eligibility: Science/ Medicine/ Engineering/ Social Science (with a background of STI policy) academic scholars, STI policy researchers, with good academic record and holding a Ph.D. degree (within the last 3 yrs) are eligible to apply. Applicants must be capable of doing independent research work and have at least 3 publications in peer reviewed journals. Age limit is 35 yrs. The Review Committee would select candidates based on their research track record and the relevance, quality, and significance of their proposals.

Fellowship amount: The selected Postdoctoral Fellows are awarded a fellowship of Rs. 80,000/- (consolidated) in the level of INSPIRE Faculty. An amount up to Rs. 2 Lakh would be granted annually for covering research-related costs and contingency. The duration is for 2 years (with a possibility of extension of one more year, depending upon performance).

Link: <https://dstcpriisc.org/about-us-2/dst-sti-policy-fellowship/>

Funding Agency

Department of Science
& Technology (DST),
Govt. of India

Post Doctoral Fellows



111. Fulbright-Nehru Postdoctoral Research Fellowships

Area: All Science Disciplines

Funding Agency

**United States-India
Educational Foundation
(USIEF)**

The Fulbright-Nehru Postdoctoral Research Fellowship program by United States-India Educational Foundation (USIEF) are designed for Indian faculty and researchers who are in the early stages of their research careers in India. The Postdoctoral fellows will have access to some of the finest resources in their areas of research interest and will help build long-term collaborative relationships with U.S. faculty and institutions. These fellowships are for eight to 24 months. The applicant must have a Ph.D. degree within the past four years and published in reputed journals to demonstrate evidence of superior academic and professional achievement.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-doctoral/fulbright-nehru-postdoctoral-research-fellowships>

Post Doctoral Fellows

112. Genome Engineering/Editing Technologies Initiative (GETin) - Overseas Fellowship

Area: Life Sciences & Biotechnology

Funding Agency

Department of Biotechnology (DBT), Govt. of India; Indo U.S. Science & Technology Forum (IUSSTF)

This fellowship program between Indian institutes and premier U.S. Universities, in significant areas of Genome Engineering/Editing Technology (GETin) has been introduced in acknowledgement of the importance of strategies and techniques in genome modification as a modern day essential tool for research & development (R&D). The program is open to individuals whose research work has an interface with Genome Engineering / Editing Technology studies. The Program is envisaged to encourage and motivate outstanding students to take up research as a career path. It provides opportunity to best and brightest Indian students and scientists to gain exposure and access to world class research facilities in leading U.S. institutions as well as create attractive avenues for skilled overseas researchers to pursue in India or to mentor Indian scientist (s). It intends to pave the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations. Upto 5 Post-Doctoral Fellows would be awarded every year.

Eligibility: Indian citizens having Ph.D. in Life Science, Biotechnology, Engineering or Technology holding a regular position in public funded R&D Lab/ S&T Institution / recognized Universities/ Colleges in India up to 45 yrs of age can apply.

Fellowship amount: It includes monthly stipend of \$ 3000, Return Air Fare, Health Insurance of up to \$ 1000, Contingency of up to Rs. 50,000/- and Conference Allowance of upto \$1200. The Overseas Fellowship is for a period of up to 5 weeks to 12 months.

Link: <https://iusstf.org/genome-engineering-editing-technology-initiative-program>

Post Doctoral Fellows



113. Genome Engineering/Editing Technologies Initiative (GETin)-Visiting Fellowship

Area: Life Sciences & Biotechnology

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India; Indo U.S. Science
& Technology Forum
(IUSSTF)**

This fellowship program between Indian institutes and premier U.S. Universities, in significant areas of Genome Engineering/Editing Technology (GETin) has been introduced in acknowledgement of the importance of strategies and techniques in genome modification as a modern day essential tool for research & development (R&D). The program is open to individuals whose research work has an interface with Genome Engineering / Editing Technology studies. The Program is envisaged to encourage and motivate outstanding students to take up research as a career path. It provides opportunity to best and brightest Indian students and scientists to gain exposure and access to world class research facilities in leading U.S. institutions as well as create attractive avenues for skilled overseas researchers to pursue in India or to mentor Indian scientist (s). It intends to pave the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations. Upto 5 Visiting Fellows would be awarded every year.

Eligibility: U.S. Faculty or Foreign Post Docs presently working in U.S. (for at least 2 yrs) in a field having an interface with Genome Engineering /Editing Technologies. The applicant should possess Ph.D., M.D, M.S or equivalent degree with outstanding track record as evident through publications and other recognitions. Age limit is up to 60 years.

Fellowship amount: It includes monthly remuneration of Rs. 1.5 Lakh, Return Air Fare, Health Insurance of up to Rs. 65,000/- during the entire stay, one time Contingency of up to Rs. 65,000/- and Grant of Rs. 5 Lakh to the host institute in India to support the research during stay period. The duration of fellowship would include work at India Universities for a period of 2 to 3 months.

Post Doctoral Fellows

Link: <https://iusstf.org/genome-engineering-editing-technology-initiative-program>

114. Human Frontier Science Program (HFSP)

Area: Physical Sciences, Chemical Sciences, Life Sciences & Biotechnology, Engineering Sciences, Mathematical Sciences, Computer Sciences and Information Technology

**Funding Agency
International Human
Frontier Science
Program Organization
(HFSP)**

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. The key elements of HFSP's mission are: support for innovative, cutting edge research at the frontiers of life sciences, encouragement of high risk research, promotion of international collaboration in the spirit of science without borders and support for financial and intellectual independence for early career researchers. 3 categories of support are: Research Grants, Postdoctoral fellowships and Career Development Award. The selection is made by high level, expert international review committees. Research Grants enable scientists from different countries to collaborate on focused innovative projects that are expected to open new fields of investigation. Interdisciplinary collaborations are especially encouraged. Postdoctoral fellowships enable the most talented early career scientists to extend their scientific repertoire in laboratories abroad. HFSP fellowships are for 3 years. Fellows may choose to stay for up to 3 years in the host country or use the last year of their fellowship to return to their home country or to move to another HFSP member country. Long-Term Fellowships (LTF) are for applicants with a Ph.D. in a biological discipline, who intend to broaden their expertise by proposing a project in the life sciences which is significantly different from their previous Ph.D. or postdoctoral work. Cross-Disciplinary Fellowships (CDF) are for applicants with a Ph.D. from outside the life sciences (e.g. in physics, chemistry, mathematics, engineering or computer sciences), who have had limited exposure to biology during their previous training. Former HFSP Fellows who return to their home country or move to a third HFSP member country can apply for a Career Development Award to support their transition to independence. HFSP awardees are brought together in an annual meeting to help build a global network of like-minded scientists working on a broad range of subjects within the life sciences and to stimulate new collaborations.

Link: <https://www.hfsp.org/>

Post Doctoral Fellows



115. ICGEB Postdoctoral Fellowships/ Arturo Falaschi Postdoctoral Fellowships

Area: Life Sciences & Biotechnology

Funding Agency

International Centre For Genetic Engineering and Biotechnology (ICGEB), New Delhi

ICGEB offers competitive Postdoctoral Fellowships in Life Sciences to highly motivated scientists wishing to pursue postdoctoral research in a world-class scientific environment. The Fellowships comprise a very competitive package including stipend, health insurance and additional benefits. The most successful fellows will also be eligible, upon completion, to apply for ICGEB Early Career Research Grants to support their own research programmes as young PIs upon return to an ICGEB Member State.

Link: <https://www.icgeb.org/fellowships/arturo-falaschi-postdoctoral-fellowships-2024/>

Post Doctoral Fellows



116. ICGEB SMART Fellowships

Area: Life Sciences & Biotechnology

The ICGEB SMART Fellowship programme promotes the mobility of researchers between ICGEB Member States as a way of enhancing skill development, acquisition of specific hands-on training in new technologies and increasing cooperation in science and technology and should show clear evidence of strong collaboration between the two laboratories.

Funding Agency
International Centre
For Genetic
Engineering and
Biotechnology
(ICGEB), New Delhi

Link:

https://www.icgeb.org/?post_type=fellowships&p=42384

Post Doctoral Fellows



117. IGSTC Industrial Fellowships 2025

Area: Engineering Sciences

Indo-German Science & Technology Centre (IGSTC), established by the Department of Science and Technology (DST), Government of India, and the Federal Ministry of Education and Research (BMBF), Government of Germany invites applications for availing Industrial Fellowships. This programme is aimed at encouraging PhD students/researchers in S&T with an appreciable track record and aptitude for applied research and technology development.

Funding Agency

Department of Science and Technology (DST)

Link:

https://www.igstc.org//home/industrial_fellowships_2025

Post Doctoral Fellows



118. INSA JRD-TATA Fellowship

Area: All Science Disciplines

Funding Agency

**Indian National Science
Academy (INSA), New
Delhi**

INSA has instituted this fellowship programme in honour of the late JRD Tata, a visionary and leading industrialist. It is administered by Centre for International Co-operation in Science (CICS). The objective is to extend facilities of scientific infrastructure and expertise of India to scientists and researchers from other developing countries. The Fellowship established from an Endowment received from Sir Dorabji Tata Trust fosters advanced research training of scientists from the developing world and promotes south-south co-operation. The Fellowship is intended for researchers (Nationals) from developing countries except India, who have aptitude for research and are desirous of working in an Indian research laboratory for a maximum period of 3 months. Applicants possessing Doctorate or Master's Degree in Science or equivalent degree in Engineering/Medicine and allied disciplines, below 45 yrs of age may apply. The Fellowship covers return airfare, maintenance allowance and incidentals for 3 months, accommodation to be provided by the host institute either free of cost or at nominal charges and contingency grant for purchase of books and stationery.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd-post-doctoral-faculties-scientists/insa-jrd-tata-fellowship>

Post Doctoral Fellows



119. Raja Ramanna Fellowship (RRF) - Department of Atomic Energy (DAE)

Area: Energy Sciences

This program is in honour of two Nobel Laureates in Physics, Prof C.V. Raman, Indian Nobel Laureate, 1930 and Prof Georges Charpak, French Nobel Laureate, 1992. The Fellowship was launched during February, 2013. The objective is to facilitate the exchange of doctoral students between the two countries, in order to broaden the scope and depth of future engagements in science, technology and innovation. This programme implemented by the Indo French Centre for Promotion of Advanced Research (IFCPAR/CEFIPRA) aims at improving the doctoral skills of Indian and French students by providing them an opportunity to carry out part of their research work in a University / Research Institute based in France or India respectively. The scheme also provides an exposure and experience about the current research methods and trends in France/India, while discovering each another's cultural context. This Programme is for PhD research scholars and Masters Students (only from France) at an Indian or French Research Institute / University for a duration of 2 to 6 months. Fellowship amount: For Indian Fellow, Fellowship Support of 1500 Euros per month for daily expenses, local travel, accommodation charges plus social security charges are provided while for French Fellow, it is Rs. 40,000/- per month for daily expenses, local travel, etc. plus accommodation charges not exceeding Rs. 45,000 per month. The Fellows are also entitled to Return airfare ticket in economy class between India and France, Insurance coverage (travel & health), administrative costs for Visa and Registration, additional support (up to Euro 500 for Indian Fellows and equivalent support for French Fellows) for participating in a Seminar/Workshop during their term of the fellowship and stay in host country etc.

Funding Agency

Department of Atomic
Energy

Post Doctoral Fellows

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/dae-raja-ramanna-fellowship-rrf>



120. Scientific High Level Visiting Fellowships (SSHN) 2025

Area: All Science Disciplines

Funding Agency

**The French Institute in
India**

The French Institute in India (IFI), the educational, scientific and cultural wing of the Embassy of France in India, allocates grants annually for the mobility of faculty and researchers to France for a short visit to a French university or laboratory. This visit would be within the framework of an existing or prospective collaboration with a French university or laboratory. Through the SSHN programme, IFI aims to nurture and strengthen Franco-Indian research networks by funding research trips involving faculty and researchers from eminent Indian and French Higher Education and Research Institutions (HERI).

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-doctoral/scientific-high-level-visiting-fellowships-sshn-2025>

Post Doctoral Fellows





121. SERB Indo-US Postdoctoral Fellowships for Indian Researchers

Area: All Science Disciplines

Funding Agency

**SERB Indo-US
Postdoctoral Fellowships
for Indian Researchers**

Science and Engineering Research Board (SERB) in partnership with the bi-national Indo-US Science and Technology Forum (IUSSTF) awards the SERB Indo-US Postdoctoral Fellowships for Indian Researchers in USA to introduce scientists and engineers in the early stages of their careers to international collaborative research opportunities. The applicant should be under the age of 35 years and the duration of the fellowship is 12 months. The US institution needs to be willing to accept and extend necessary support to the candidate for the research proposed during the Fellowship.

Link: <https://iusstf.org/serb-indo-u-s-postdoctoral-fellowship-for-india-researchers>

Post Doctoral Fellows



122. TWAS Post Doctoral Fellowships

Area: All Science Disciplines

TWAS is a global science academy based in Trieste, Italy, which supports sustainable prosperity through research, education, policy and diplomacy. The organization and its partners offer over 600 fellowships per year to scientists in the developing world who want to pursue PhDs and postdoctoral research.

Funding Agency

The World Academy of Sciences (TWAS), Italy

Link:

<https://twas.org/opportunities/fellowships/postdoctoral>

Post Doctoral Fellows





123. UGC-Post Doctoral Fellowship for Women Candidates

Area: Other Areas

Funding Agency

University Grants Commission (UGC), Govt. of India

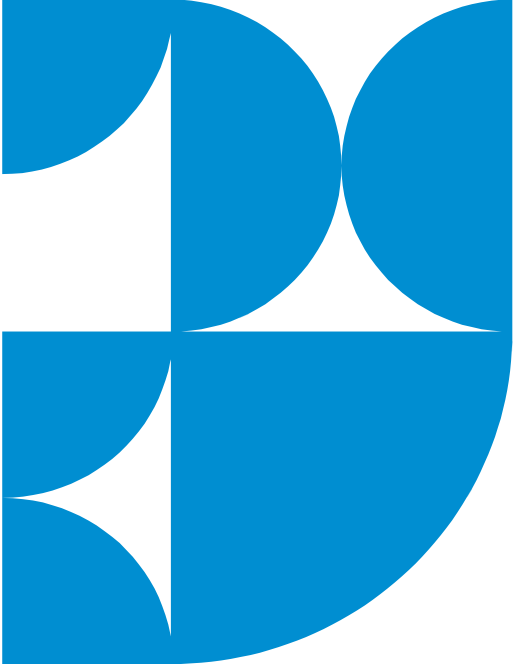
The UGC has initiated a scheme of Post Doctoral Fellowship for Women to those candidates, who are unemployed holding Ph. D. degree in their respective subject areas with an aim to accelerate the talented instincts of the women candidates to carry out the advanced studies and research. The total duration of the fellowship is five years with no provision for further extension. The number of slots available under the scheme is 100 per year.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/women/ugc-post-doctoral-fellowship-women-candidates>

Post Doctoral Fellows





124. Water Advanced Research and Innovation (WARI) Fellowship Program

Area: Chemical Sciences, Engineering Sciences, Life Sciences & Biotechnology

Funding Agency

Department of Science and Technology, Govt. of India; University of Nebraska-Lincoln (UNL); Daugherty Water for Food Institute (DWFI); Indo-US Science and Technology Forum (IUSSTF)

Post Doctoral Fellows

Recognizing that Water is of fundamental importance for human development, the environment and the economy, and needs to feature prominently in the development agenda of both India and the United States, this dynamic and transformative program has thus been developed to foster long term Indo-American science and technology partnerships. The Program is envisaged to provide opportunity to best and brightest Indian students and scientists to gain exposure and access to world class research facilities at University of Nebraska-Lincoln (UNL) and Daugherty Water for Food Institute (DWFI) and to promote research and capacity building in the area of Water. It paves the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations. For Student Internships, Indian citizens currently pursuing a Ph.D. in Water Science and Engineering at a recognized institution of higher education and learning in India are eligible to apply. Age limit is up to 32 years. For Fellowships, Indian citizens having Ph.D. in Water Science and Engineering, working in the fields of water resources, water chemistry and environmental engineering, and affiliated to public-funded R&D lab/ S&T institution / recognized university /college in India are eligible to apply. Applicants must be capable of doing independent research and should have published in high-impact academic journals. Age limit is up to 40 years. Internship is provided for 3 - 6 months while Fellowships for 3 - 12 months. The number of Internships / Fellowships is 5 each per year, that may be changed at discretion of the competent authorities. Fellowship/Internship includes Monthly Stipend, Return Air fare, Contingency Allowance etc.

Link: <https://iusstf.org/water-advanced-research-innovation-fellowship>



125. Wellcome Trust/DBT India Alliance

Area: Medical Sciences

Funding Agency

**Wellcome Trust, UK;
Department of
Biotechnology (DBT),
Govt. of India**

The alliance between Wellcome trust, UK, and Department of Biotechnology (DBT), GOI, aims at promoting biomedical research in India through funding and engagement. The India Alliance offers four Fellowship schemes to basic biomedical scientists, clinicians, public health researchers and veterinarians who wish to pursue academic research in India.

Link: <https://www.indiaalliance.org/applicants/fellowships-at-a-glance>

Post Doctoral Fellows



126. WISE Post-Doctoral Fellowship (WISE-PDF)

Area: All Science Disciplines

WISE Post-Doctoral Fellowship (WISE-PDF) is a new programme of Department of Science & Technology (DST) that aims to provide opportunities to women scientists and technologists between the age group of 27-60 years who want to continue their research as bench-level scientists in basic and applied sciences.

Scientific Disciplines: (1) Physical & Mathematical Sciences (2) Chemical Sciences (3) Life Sciences (4) Earth & Atmospheric Sciences (5) Engineering & Technology

Eligibility:

1. Employment: Candidates in regular employment are not eligible for WISE-PDF. However, women scientists who are temporarily employed in research or academics may apply in the scheme but they have to leave their earlier assignment if WISE-PDF project is approved. The position of research staff in any project, Post-Doctoral Fellow, Research Associate, etc. will be considered as temporary assignment.
2. Age: The minimum age to apply is 27 years and maximum is 60 years. Women scientists, less than 27 years of age are NOT eligible.
3. Educational Qualification: Women Scientists having Ph.D. in Basic/ Applied Science or equivalent degree like MD, MS, MDS, etc. are eligible for WISE-PDF.
4. Break in Career: Break in career is not mandatory to apply in WISE-PDF, however, women who have break are also encouraged to apply in this programme.

Financial Support: The Programme provides fellowship of the applicant @Rs. 55,000/- per month, Research Grant of Rs. 2.0 Lakh per year and cost of small equipment (up to a maximum of Rs. 3.0 Lakh) along with Institutional overhead charges and House Rent Allowances as per DST norms.

Project Duration: 3 years (maximum)

When to apply: The programme is open throughout the year.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-doctoral-women/wise-post-doctoral-fellowship-wise-pdf>

Funding Agency

Department of Science & Technology (DST)

Post Doctoral Fellows



127. Gender Advancement for Transforming Institutions (GATI)

Area: All Science Disciplines

Funding Agency

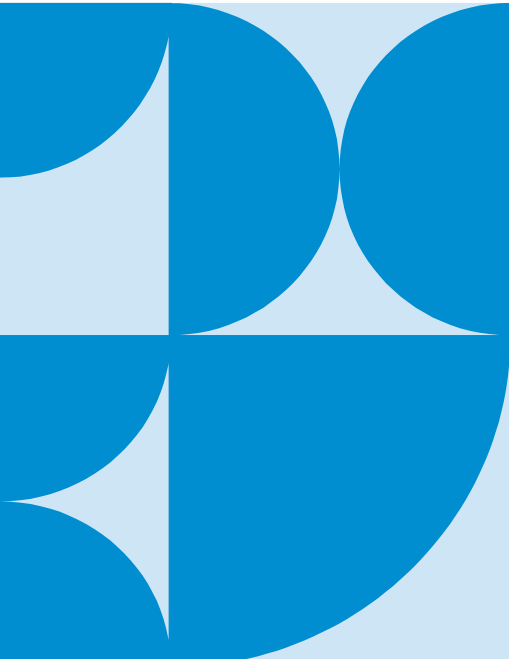
**Department of Science
& Technology (DST),
Govt. of India**

Gender Advancement for Transforming Institutions (GATI) is an innovative Pilot Project. It ushers a novel intervention program for promoting gender equity in science and technology. GATI aims to nudge institutions of higher education and research towards supporting diversity, inclusion, and the full spectrum of talent for their own success and progression. Eligibility: Universities, Research institutions (of DST, CSIR, DBT, ICMR, ICAR etc.), Institutes of National importance, and other autonomous S&T Institutions.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/women/gender-advancement-transforming-institutions-gati>

Scholarships for Women



128. INSPIRE - SHE (Innovation in Science Pursuit for Inspired Research - Scholarship for Higher Education)

Area: All Science Disciplines

INSPIRE, an innovative programme of DST, was launched in 2008 with a long term foresight to attract talent to the excitement and study of science at an early age, and to help our nation build the required critical resource pool for strengthening and expanding the S&T system and R&D base. INSPIRE-SHE aims to enhance the attachment of talented youth (age group 17-22 yrs) to undertake higher education in science intensive programmes by providing scholarships and mentorship. The scheme offers 10000 Scholarship every year. The main feature of the scheme is the mentorship support provided to every scholar. Eligibility: Students who happen to be among the top 1% in 12th standard at their respective Board Examinations plus students who have secured top 10000 ranks in the JEE-Advance or in NEET as well as students admitted to renowned institutes like IISER, NISER, Department of Atomic Energy Centre for Basic Sciences (DAE-CBS) at the Univ. of Mumbai or happen to be Kishore Vaigyanik Protsahan Yojana (KVPY), National Talent Search Examination (NTSE), Jagadish Bose National Science Talent Search (JBNSTS) scholars and Science Olympiad Medalists, and those all opting to study Natural and Basic sciences in any academic institute or university leading to graduate and post-graduate degree, would be eligible for the scholarship. Fellowship amount: Rs.80,000 per year is provided to each candidate for undertaking Bachelor and Masters level education in the Natural and Basic Sciences.

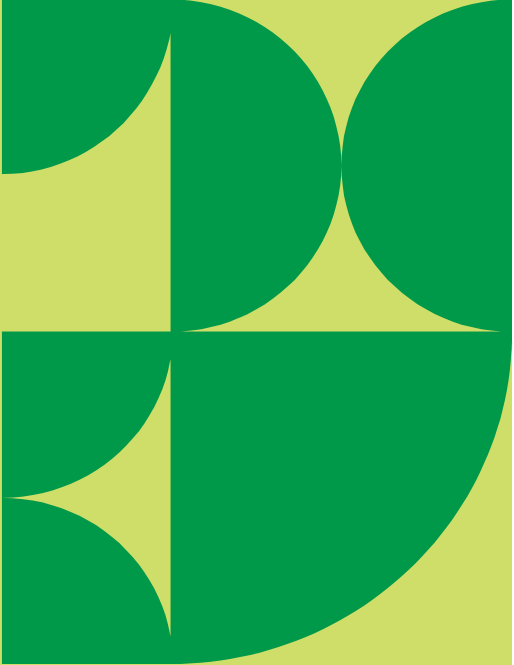
Link: <https://online-inspire.gov.in/>

Funding Agency

**Department of Science
& Technology (DST),
Govt. of India**

Scholarships for Women





129. Post-Graduate Indira Gandhi Scholarship for Single Girl Child

Area: Chemical Sciences, Life Sciences & Biotechnology, Physical Sciences

The Govt. of India has taken various steps to uplift the status of women by implementing various schemes including free education for girls. In order to achieve and promote girls education, UGC has introduced a Post Graduate Indira Gandhi Scholarship for Single Girl Child with an aim to compensate direct costs of girl education to all levels especially for such girls who happen to be the only girl child in their family.

Link:

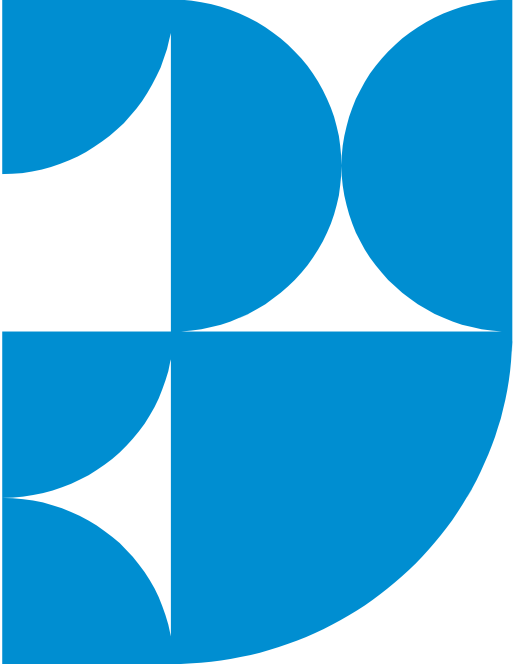
<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/women/post-graduate-indira-gandhi-scholarship-single-girl-child>

Funding Agency

Department of Science & Technology (DST), Govt. of India; Indo U.S. Science & Technology Forum (IUSSTF)

Scholarships for Women





130. PRAGATI Scholarship for Girl Students for Technical Education

Area: Engineering Sciences, Medical Sciences

To give consolation and support to Girl Child to study technical education Pragati Scholarship has been propelled by the Ministry of Human Resource Development (MHRD) from the year 2014-15 and executed by All India Council for Technical Education (AICTE).

Funding Agency

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

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/women/pragati-scholarship-girl-students-technical-education>

Scholarships for Women

131. The WISE SCOPE Fellowship

Area: Science & Technology

The WISE SCOPE Fellowship program of the Department of Science & Technology (DST) aims to provide opportunity to Women Scientists and Technologists who have completed Ph.D. and want to utilize their S&T knowledge and expertise for the benefit of society. This program promotes projects that directly deal with challenges at grassroots level and address them through S&T interventions. Projects under WISE-SCOPE (WISE-Societal Challenges with Opportunities) should provide S&T solutions to our social problems, livelihood generation, drudgery reduction, health and nutrition related issues, management of natural resources, sustainable agriculture, climate change, disaster management etc. Project proposal should include the development of viable technology/technique with possibility of lab-to-land transfer, adaptation and scaling up for the benefit of society under following broad thematic areas.

Link:

<https://onlinedst.gov.in/Projectproposalformat.aspx?id=2323>

Funding Agency

**Department of
Biotechnology (DBT)**

Scholarships for Women



132. UGC-Post Doctoral Fellowship for Women Candidates

Area: Other Areas

Funding Agency
University Grants
Commission (UGC), Govt.
of India

The UGC has initiated a scheme of Post Doctoral Fellowship for Women to those candidates, who are unemployed holding Ph. D. degree in their respective subject areas with an aim to accelerate the talented instincts of the women candidates to carry out the advanced studies and research. The total duration of the fellowship is five years with no provision for further extension. The number of slots available under the scheme is 100 per year.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/women/ugc-post-doctoral-fellowship-women-candidates>

Scholarships for Women



133. WIDUSHI (Womens Instinct for Developing and Ushering in Scientific Heights & Innovation)

WIDUSHI Programme aims to encourage and support senior women scientists to conduct research in interdisciplinary areas of Science & Technology. WIDUSHI programme provides support to women scientists who are at the verge of retirement or retired from Government service and also to the women scientists who are not at permanent position but are active researchers and continuously excelling in research field. The maximum age to apply under WIDUSHI programme is 62 years.

How to Apply: All the women scientists, retired women scientist from Government service, women in research field.

Link:

<https://www.indiascienceandtechnology.gov.in/news/widushi-womens-instinct-developing-and-ushering-scientific-heights-innovation>



134. WISE Post-Doctoral Fellowship (WISE-PDF)

Area: All Science Disciplines

WISE Post-Doctoral Fellowship (WISE-PDF) is a new programme of Department of Science & Technology (DST) that aims to provide opportunities to women scientists and technologists between the age group of 27-60 years who want to continue their research as bench-level scientists in basic and applied sciences.

Scientific Disciplines: (1) Physical & Mathematical Sciences (2) Chemical Sciences (3) Life Sciences (4) Earth & Atmospheric Sciences (5) Engineering & Technology

Eligibility:

1. Employment: Candidates in regular employment are not eligible for WISE-PDF. However, women scientists who are temporarily employed in research or academics may apply in the scheme but they have to leave their earlier assignment if WISE-PDF project is approved. The position of research staff in any project, Post-Doctoral Fellow, Research Associate, etc. will be considered as temporary assignment.
2. Age: The minimum age to apply is 27 years and maximum is 60 years. Women scientists, less than 27 years of age are NOT eligible.
3. Educational Qualification: Women Scientists having Ph.D. in Basic/ Applied Science or equivalent degree like MD, MS, MDS, etc. are eligible for WISE-PDF.
4. Break in Career: Break in career is not mandatory to apply in WISE-PDF, however, women who have break are also encouraged to apply in this programme.

Financial Support: The Programme provides fellowship of the applicant @Rs. 55,000/- per month, Research Grant of Rs. 2.0 Lakh per year and cost of small equipment (up to a maximum of Rs. 3.0 Lakh) along with Institutional overhead charges and House Rent Allowances as per DST norms.

Project Duration: 3 years (maximum)

When to apply: The programme is open throughout the year.

Funding Agency

Department of Science & Technology (DST), Govt. of India

Scholarships for Women

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-doctoral-women/wise-post-doctoral-fellowship-wise-pdf>

135. Women Scientist Scheme-A (WOS-A)

Area: Physical Sciences, Chemical Sciences, Life Sciences & Biotechnology, Earth, Atmosphere & Environment Sciences, Engineering Sciences, Mathematical Sciences

Women Scientists Scheme-A (WOS-A) provides platform to women scientists and technologists for pursuing research in basic or applied sciences in frontier areas of science and engineering. The scheme plays pivotal role in gender mainstreaming as it not only prevents brain drain from S&T system but also train and retain women in the system. The scheme initially offers opportunity to work as bench-level scientists and ultimately open new avenues for permanent position in Science & Technology. The Scheme is open throughout the year.

Eligibility: Women having qualification in Science and Technology area and in the age group of 27 to 57 years

Duration: 3 Years

Application Method: Online

Fellowship / Financial Assistance: 1. Rs 55,000/- pm for Ph.D. or equivalent (total project cost not exceeding Rs.30 lakh) 2. Rs 40,000/- pm for M.Phil./MTech or equivalent (total project cost not exceeding Rs.25 lakh) 3. Rs 31,000/- pm for M.Sc. or equivalent (total project cost not exceeding Rs.20 lakh).

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/women-schemes/women-scientist-scheme-wos>

Funding Agency

Department of Science & Technology (DST), Govt. of India

Scholarships for Women

136. Women Scientist Scheme-B (WOS-B)

Area: Science & Technology (S&T) interventions for societal benefit

Women Scientist Scheme-B (WOS-B) focuses on projects related to Science & Technology (S&T) interventions for societal benefit. Women scientists who wish to apply under this scheme are required to develop their own project/proposals for scientific and technological solutions to address issues preferably at enhance quality-of-life the grassroots level.

Eligibility: Women having qualification in Science and Technology area and in the age group of 27 to 57 years.

Duration: 3 Years

Application Method: Online

Fellowship / Financial Assistance: 1. Rs 55,000/- pm for Ph.D. or equivalent (total project cost not exceeding Rs.30 lakh) 2. Rs 40,000/- pm for M.Phil./MTech or equivalent (total project cost not exceeding Rs.25 lakh) 3. Rs 31,000/- pm for M.Sc. or equivalent (total project cost not exceeding Rs.20 lakh)

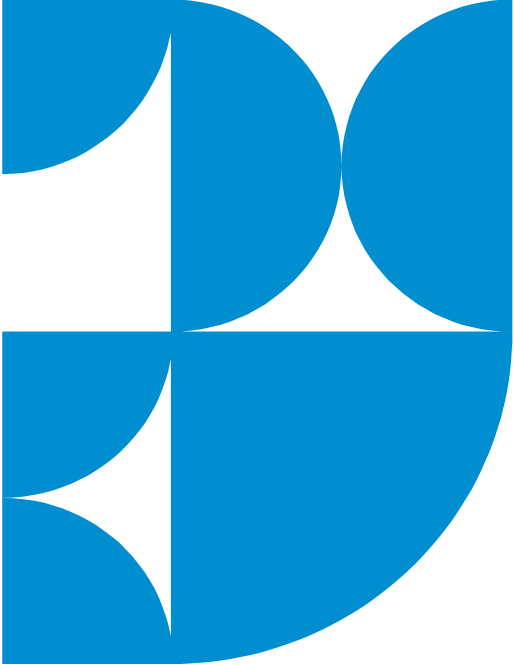
Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/women-schemes/women-scientist-scheme-b-wos-b>

Funding Agency

**Department of Science
& Technology (DST),
Govt. of India**

Scholarships for Women



137. Women Scientist Scheme-C (WOS-C)

Area: Intellectual Property Rights (IPRs)

Women Scientist Scheme-C (WOS-C) is being implemented by the Patent Facilitating Centre of Technology Information Forecasting & Assessment Council (TIFAC). Hands-on training on different aspects of IPRs (e.g. patent search, know-how, drafting, filing, trademarks, trade secrets, copyright etc.) is major part of WOS-C curriculum in association with various Knowledge Partners (i.e. Law firms, Knowledge Processing Organizations (KPOs), Companies, Government agencies, and so on).

Funding Agency

Department of Science & Technology (DST), Govt. of India

Eligibility: Women having Master in Science and or Bachelors in Engineering or Technology and within the age group of 27 to 45 years.

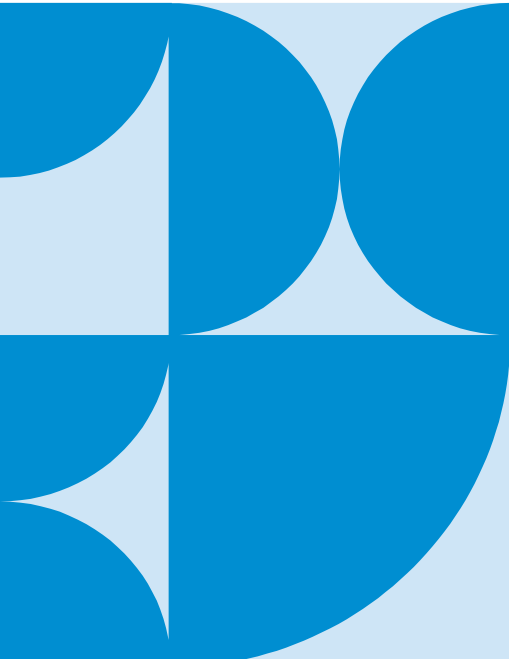
Duration: 1 Year

Application Method: Online

Fellowship / Financial Assistance: 1. Rs. 25,000/- pm for MSc in Basic or Applied Sciences/BTech/MBBS or equivalent degree 2. Rs. 30,000/- pm for M.Phil /Mtech / M.Pharma /MVSc or equivalent degree 3. Rs. 35,000/- pm for PhD in Basic or Applied Sciences or equivalent degree

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/women-schemes/women-scientist-scheme-c-wos-c>



138. Bhaskara Advanced Solar Energy (BASE) Fellowship Program

Area: Life Sciences & Biotechnology

Recognizing that clean and efficient energy, environmental protection and energy security are among the biggest challenges facing India and the United States, DST through its Solar Energy Research Initiative and IUSSTF are committed to tackling these issues. To nurture future innovators and thought leaders in Solar Energy, this dynamic and transformative program has been developed to foster contacts between students and scientists of India and USA. The Program envisages promoting research and capacity building in the frontline area of Solar Energy. It provides opportunities to the best and brightest Indian students and scientists to gain exposure and access to world class research facilities in leading US institutions. It also paves the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations.

For Student Internships, Indian citizens currently pursuing a Ph.D. on full time basis in the field of Solar Energy at a recognized institution of higher education and learning in India are eligible to apply. Age limit is up to 32 years. For BASE Fellowships, Indian citizens having Ph.D with considerable research background and experience in the area of Solar Energy and holding a permanent position in public-funded R&D lab/ S&T institution (non-private) / recognized university / college in India are eligible to apply. Applicants must be pursuing independent research and should have published in high-impact academic journals. Age limit is up to 40 years. Internship is provided for 3 - 6 months while Fellowships for 3 - 12 months. Fellowship/Internship includes Monthly Stipend, Return Air fare, Contingency Allowance etc.

Link: <https://iusstf.org/bhaskara-advanced-solar-energy-fellowship>

Funding Agency

Department of Science & Technology (DST), Govt. of India; Indo U.S. Science & Technology Forum (IUSSTF)

Faculty and Scientists





139. Bioenergy-Awards for Cutting Edge Research (B-ACER) Fellowships

Area: Life Sciences & Biotechnology

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India

Recognizing that clean and efficient energy, environmental protection and energy security are among the biggest challenges facing India and the United States, DBT and Indo-US Science and Technology Forum (IUSSTF) are committed to tackling these issues. To nurture future innovators and thought leaders in Biofuel and Bioenergy, B-ACER - a dynamic and transformative program has been developed. The Program envisages promoting research and capacity building in the frontline area of Biofuels and Bioenergy by providing opportunities to the best and brightest Indian students and scientists to gain exposure and access to world class research facilities in leading US institutions. It also paves the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations.

Eligibility: Indian citizen with a Ph.D. in Life Science, Biotechnology, Engineering or Technology holding a regular Position in public funded R&D lab/ S&T Institution/ recognized universities/ colleges in India. Applicants must be working in the field of Biofuels with proven ability of independent research work as reflected in publications in internationally recognized academic journals. Age limit is upto 45 years.

Fellowship amount: It includes Monthly Stipend, Air-fare and Contingency Allowance. The duration is from 3 months and up to 12 months.

Faculty and Scientists

Link: <https://iusstf.org/bioenergy-awards-for-cutting-edge-research>



140. Building Energy Efficiency Higher and Advanced Network (BHAVAN) Fellowships

Area: Engineering Sciences, All Science Disciplines, Other Areas

Funding Agency

Department of Science & Technology (DST), Govt. of India; Indo U.S. Science & Technology Forum (IUSSTF)

Faculty and Scientists

Recognizing that climate change, clean and efficient energy and environmental protection are among the biggest challenges facing India and the United States and to address the need for human resource development and capacity building in the frontier area of Building Energy Efficiency, this dynamic visitation program between Indian and US institutions and premier universities has been developed. The Fellowships are envisaged to create a sustainable and vibrant linkage between the two nations, as well as build long term Indo-American science and technology relationships. The Program provides opportunity to best and brightest Indian students and scientists to gain exposure and access to world class research facilities in US academia and labs. It paves way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations. For Student Internships, Indian citizens currently pursuing a Ph.D. or M.Tech/ M.Arch. in the field of Building Energy Efficiency or in engineering/science/ technology/architecture with a major area of research related to Building Energy Efficiency at a recognized institution of higher education and learning in India are eligible to apply. Age limit is up to 32 years. For BHAVAN Fellowships, Indian citizens having Ph.D./ M.Tech./ M.Arch. with considerable research background and experience in the specific area of Building Energy Efficiency can apply. Applicants must be pursuing independent research on extra-mural / industry-supported research projects and should have published in high-impact academic journals. Age limit is up to 40 years. Internship is provided for 3- 6 months while Fellowships for 3 - 12 months. Fellowship/Internship includes Monthly Stipend, Return Air fare, Contingency Allowance, Health Insurance etc.

Link: <https://iusstf.org/building-energy-efficiency-higher-advanced-network-fellowship>



141. C.V. Raman Fellowship for African Researchers

Area: All Science Disciplines

Funding Agency

Department of Science & Technology (DST), Govt. of India; Ministry of External Affairs (MEA), Govt. of India; Federation of Indian Chambers of Commerce & Industry (FICCI)

This programme was launched under the India-Africa Forum Summit to promote human capacity building through scientific and technological cooperation between Africa and India. The objective is to provide opportunity to African researchers to conduct collaborative research in various areas of science and technology in different Indian universities and research and development (R&D) institutions under guidance of host scientists in India. This prestigious fellowship aims to further strengthen the bond between India and African nations in the fields of science and technology. FICCI is the 'Coordinating Partner' and invites applications from African researchers for award of this fellowship. The Fellowships offered include Doctoral/ Post Doctoral Fellowship for duration of 6 months, Visiting Fellowship for 3 months and Senior Fellowship for 1 month. The Fellowship includes monthly sustenance allowances, contingency grant, return air fare by economy class etc.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation-phd-post-doctoral-faculties-scientists/cv-raman-fellowship-african-researchers>

Faculty and Scientists

142. CSIR - Senior Research Associateship (SRA) / Scientists Pool Scheme

Area: All Science Disciplines

This scheme is primarily meant to provide temporary placement to highly qualified Indian scientists, engineers, technologists, and medical personnel returning from abroad and not holding any employment in India. Also, highly qualified candidates who have not been abroad but possess an outstanding academic record and have not been able to secure regular employment here are also eligible for selection. This SRAship is not a regular appointment, but a temporary facility to enable the Associate to do research/teaching in India while looking for a regular position. Selections to this scheme are made by the Special Selection Boards (SSB) constituted for this purpose. Normally, the selection process takes up to 4 months from the date of receipt of application. The case of candidates who have applied from abroad and have not returned to India by the date of the interview is considered in-absentia.

Eligibility: i) Indian scientists, engineers, technologist, and medical personnel possessing an outstanding academic record but not been able to secure regular employment. Maximum age limit is 40 yrs. ii) For candidates with PhD in Natural Sciences, 2 yrs of post-doctoral research/teaching experience is required while for Pharmaceutical/ Veterinary Sciences as well as Engineering Sciences, Fresh PhD or thesis submitted candidates are also considered. In the case of Medical Sciences, applicants with MD/MS/MDS or equivalent degree followed by 2 yrs of Residency in Hospital or research experience or equivalent are eligible to apply. In addition, the candidate has to have a minimum qualifying percent of marks at their respective graduate and masters level courses as well as stipulated number of publications in SCI listed Journals.

Fellowship amount: The basic pay of a SRA is fixed between Rs.21000 and Rs.25810 per month by the SSB, depending upon qualifications, experience, publications and performance in the interview. In addition, SRAs are entitled to some allowances (such as Dearness Allowance and House Rent Allowance) as admissible to the employees of CSIR. A Contingent Grant of Rs.20000 per annum is also provided. The Associateship is for a maximum period of 3 yrs. SRAs are encouraged to should apply for suitable regular positions in India and leave the Associateship as early as possible. They are also permitted to join ad-hoc/purely temporary assignments in Govt. or public sector organizations, during their tenure in the Pool, on request. Leave without pay on secondment basis, up to 1 yr, is allowed for the purpose but the secondment period is treated as part of the SRA's tenure.

Link: <https://csirhrdg.res.in/Home/Index/1/InPage/34/11>

Funding Agency

**Council of Scientific and
Industrial Research
(CSIR), Govt. of India**

Faculty and Scientists

143. CSIR-Raman Research Fellowship (RRF)

Area: All Science Disciplines

The Fellowship is granted to the CSIR Scientists for carrying out research in the emerging/high priority areas in reputed foreign institutions/R&D Centres of Excellence to enhance their R&D skills/capability. The Fellowship is tenable abroad at CSIR cost.

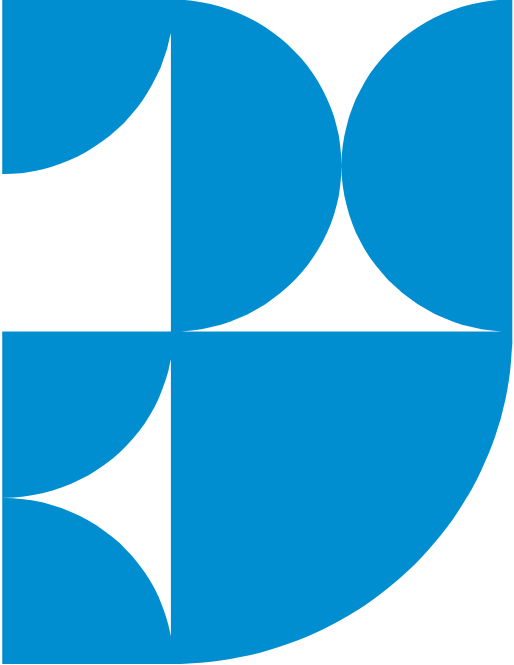
Funding Agency

Council of Scientific and Industrial Research (CSIR), Government of India

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/faculty-and-scientists/csir-raman-research-fellowship-rrf>

Faculty and Scientists



144. Cutting-Edge Research Enhancement and Scientific Training (CREST) Award

Area: Life Sciences & Biotechnology

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India**

These fellowships are granted to biotech researchers for advanced scientific training abroad with the aim to promote capacity building in cutting edge areas of biotechnology and life sciences. This scheme promotes and support scientists of highest merit in their pursuit of skill enhancement in scientific research/training in overseas laboratories. The duration of the associateship ranges from 1 month up to 1 yr. However, preference/priority is given to proposals for duration of 3 months and above up to 1 yr. Only proposals of exceptional merit and justification are considered for 1 - 2 months of associateship. The maximum age limit is 55 years. The total associateship grant includes stipend, preparatory allowance and economy class air-fare. The Associate is entitled to US \$ 3000/- per month or its equivalent in foreign exchange in the country of study during the period of the Associateship. The Associates for duration more than 6 months are entitled to preparatory allowance of Rs. 1 Lakh while those availing for 6 months or lesser are entitled to Rs. 50,000/-. This allowance is meant to cover the visa fees, medical insurance, airport tax, extra baggage cost, purchase of books, local transport, cost of attending conferences in the host country etc.

Faculty and Scientists

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/faculties-scientists/cutting-edge-research-enhancement-and-scientific-training-crest-award>

145. DBT Energy Biosciences Chairs

Area: Life Sciences & Biotechnology

The DBT Energy Biosciences Chairs is aimed at engaging senior scientists of Indian origin working in modern biological sciences, and who are desirous of pursuing, complementing and enhancing quality of Research and Development (R&D) in energy related biosciences in Indian institutions.

Eligibility: The applicants must have PhD in biological sciences or relevant areas and an outstanding track record reflected in publications, cutting edge technology development and other recognitions. The scientists should have proven capabilities of leading groups of scientists engaged in comprehensive and focused R&D programs of industrial and social relevance in biological sciences.

Fellowship amount: Each awardee would receive monthly Emolument (Consolidated) as per the scale of Professor and contingency grant of Rs. 10 Lakh per year. The duration can be from 6 months up to 1year, extendable to 3 years.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/faculty-and-scientists/dbt-energy-biosciences-chairs>

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

Faculty and Scientists



146. DBT Energy Biosciences Overseas Fellowships

Area: Life Sciences & Biotechnology

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India**

The DBT Energy Biosciences Overseas Fellowships is a re-entry scheme aimed at bringing back young scientists of Indian origin working overseas and who are desirous of returning to India and pursuing, complementing and enhancing quality of Research and Development (R&D) in energy related biosciences in an Indian institution.

Eligibility: The applicant should possess a PhD in relevant areas and/or an outstanding track record reflected in publications and other recognitions.

Fellowship amount: Fellowship of Rs. 85,000/- p.m. plus House Rent allowance (HRA) of Rs. 7500/- p.m. is provided. A Research/Contingency grant of Rs. 10 Lakh for first year, Rs. 7.5 Lakh for second year while Rs 5 Lakh for subsequent years is provided. The duration would be for a period of 1 year, extendable for 3 years based on the performance.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-doctoral-faculty-and-scientists/dbt-energy-biosciences-overseas-fellowships>

Faculty and Scientists

147. Genome Engineering/Editing Technologies Initiative (GETin) - Overseas Fellowship

Area: Life Sciences & Biotechnology

This fellowship program between Indian institutes and premier U.S. Universities, in significant areas of Genome Engineering/Editing Technology (GETin) has been introduced in acknowledgement of the importance of strategies and techniques in genome modification as a modern day essential tool for research & development (R&D). The program is open to individuals whose research work has an interface with Genome Engineering / Editing Technology studies. The Program is envisaged to encourage and motivate outstanding students to take up research as a career path. It provides opportunity to best and brightest Indian students and scientists to gain exposure and access to world class research facilities in leading U.S. institutions as well as create attractive avenues for skilled overseas researchers to pursue in India or to mentor Indian scientist (s). It intends to pave the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations. Upto 5 Post-Doctoral Fellows would be awarded every year.

Eligibility: Indian citizens having Ph.D. in Life Science, Biotechnology, Engineering or Technology holding a regular position in public funded R&D Lab/ S&T Institution / recognized Universities/ Colleges in India up to 45 yrs of age can apply.

Fellowship amount: It includes monthly stipend of \$ 3000, Return Air Fare, Health Insurance of up to \$ 1000, Contingency of up to Rs. 50,000/- and Conference Allowance of upto \$1200. The Overseas Fellowship is for a period of up to 5 weeks to 12 months.

Link: <https://iusstf.org/genome-engineering-editing-technology-initiative-program>

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India; Indo U.S.
Science & Technology
Forum (IUSSTF)

Faculty and Scientists

148. Genome Engineering/Editing Technologies Initiative (GETin)- Visiting Fellowship

Area: Life Sciences & Biotechnology

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India; Indo U.S. Science
& Technology Forum
(IUSSTF)

This fellowship program between Indian institutes and premier U.S. Universities, in significant areas of Genome Engineering/Editing Technology (GETin) has been introduced in acknowledgement of the importance of strategies and techniques in genome modification as a modern day essential tool for research & development (R&D). The program is open to individuals whose research work has an interface with Genome Engineering / Editing Technology studies. The Program is envisaged to encourage and motivate outstanding students to take up research as a career path. It provides opportunity to best and brightest Indian students and scientists to gain exposure and access to world class research facilities in leading U.S. institutions as well as create attractive avenues for skilled overseas researchers to pursue in India or to mentor Indian scientist (s). It intends to pave the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations. Upto 5 Visiting Fellows would be awarded every year.

Eligibility: U.S. Faculty or Foreign Post Docs presently working in U.S. (for at least 2 yrs) in a field having an interface with Genome Engineering /Editing Technologies. The applicant should possess Ph.D., M.D, M.S or equivalent degree with outstanding track record as evident through publications and other recognitions. Age limit is up to 60 years.

Fellowship amount: It includes monthly remuneration of Rs. 1.5 Lakh, Return Air Fare, Health Insurance of up to Rs. 65,000/- during the entire stay, one time Contingency of up to Rs. 65,000/- and Grant of Rs. 5 Lakh to the host institute in India to support the research during stay period. The duration of fellowship would include work at India Universities for a period of 2 to 3 months.

Faculty and Scientists

Link: <https://iusstf.org/genome-engineering-editing-technology-initiative-program>



149. Human Frontier Science Program (HFSP)

Area: Physical Sciences, Chemical Sciences, Life Sciences & Biotechnology, Engineering Sciences, Mathematical Sciences, Computer Sciences and Information Technology

**Funding Agency
International Human
Frontier Science Program
Organization (HFSP)**

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. The key elements of HFSP's mission are: support for innovative, cutting edge research at the frontiers of life sciences, encouragement of high risk research, promotion of international collaboration in the spirit of science without borders and support for financial and intellectual independence for early career researchers. 3 categories of support are: Research Grants, Postdoctoral fellowships and Career Development Award. The selection is made by high level, expert international review committees. Research Grants enable scientists from different countries to collaborate on focused innovative projects that are expected to open new fields of investigation. Interdisciplinary collaborations are especially encouraged. Postdoctoral fellowships enable the most talented early career scientists to extend their scientific repertoire in laboratories abroad. HFSP fellowships are for 3 years. Fellows may choose to stay for up to 3 years in the host country or use the last year of their fellowship to return to their home country or to move to another HFSP member country. Long-Term Fellowships (LTF) are for applicants with a Ph.D. in a biological discipline, who intend to broaden their expertise by proposing a project in the life sciences which is significantly different from their previous Ph.D. or postdoctoral work. Cross-Disciplinary Fellowships (CDF) are for applicants with a Ph.D. from outside the life sciences (e.g. in physics, chemistry, mathematics, engineering or computer sciences), who have had limited exposure to biology during their previous training. Former HFSP Fellows who return to their home country or move to a third HFSP member country can apply for a Career Development Award to support their transition to independence. HFSP awardees are brought together in an annual meeting to help build a global network of like-minded scientists working on a broad range of subjects within the life sciences and to stimulate new collaborations.

Faculty and Scientists

Link: <https://www.hfsp.org/>



150. ICMR International Fellowship For Biomedical Scientists From Developing Countries

Area: Life Sciences & Biotechnology

ICMR has embarked upon international fellowships for capacity building and human resource development programme for biomedical scientists working in developing countries for better south to south cooperation. Considering that India has attained excellence and leadership amongst the developing countries in several areas of research, especially in tropical and communicable diseases in the field of epidemiology/ surveillance/ diagnosis, it becomes imperative that India should take a lead in sharing and offering opportunities to scientists from developing countries to come and work in Indian institutes/laboratories. The individual availing this Fellowship would be addressed as an ICMR International Fellow (ICMR-IF). 5 fellowships are given per year.

Eligibility: The applicant should be a citizen of a developing country and employed in a regular position in a recognised University /Scientific/Health Research Institution in his/her respective country. The applicant should possess a minimum qualification of MBBS/M.Sc (Life Sciences) and preferably below 45 years of age.

Fellowship amount: The Fellow would be entitled to a subsistence allowance of Rs. 2500/- per day. Subsidized guest-house accommodation will be provided to the Fellow during his/her sanctioned period of fellowship in India upon payment basis. The Fellows are also entitled to Return economy class excursion airfare. Fellowship would be awarded each year for the duration of 1 - 6 months depending on the training needs.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/faculty-and-scientists/icmr-international-fellowship-biomedical-scientists-developing-countries>

Funding Agency

Indian Council of
Medical Research
(ICMR)

Faculty and Scientists



151. ICMR International Fellowship For Indian Biomedical Scientists

Area: Life Sciences & Biotechnology

Funding Agency

Indian Council of Medical Research (ICMR)

ICMR has embarked upon an International fellowship programme for capacity strengthening of scientists of our country. The scheme has been constituted to achieve the objective of building up a highly skilled pool of biomedical researchers in all aspects of biomedical research including basic, applied, epidemiological and clinical sciences. The duration of fellowships for Young Scientists is 3 - 6 months while it is 10 - 15 days for Senior Scientists. The number of fellowships for Young Scientists is 12 per year while the same is 6 per year for Senior Scientists. The age limit is 45 yrs and 57 yrs for Young and Senior scientists respectively. The individual scientist availing this Fellowship would be addressed as an ICMR International Fellow (ICMR-IF). The Young Scientists would be given US\$ 3000 per month which includes accommodation and other expenses. The Senior Scientists are entitled to US\$ 200 per day (including US\$ 75 as per diem and up to US\$ 125 for accommodation expenses, subject to a maximum of US\$ 3000 for entire duration of stay). In addition, the awardees would be provided Return economy class excursion airfare (by Air India) and Contingency grant of upto Rs. 20,000/- as per actuals (which includes visa fee, taxi charges from place of duty to airport and back, overseas medical insurance).

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/faculties-scientists/icmr-international-fellowship-indian-biomedical-scientists>

Faculty and Scientists



152. India Alliance Basic Biomedical Research Fellowships: Early Career Fellowships (ECF)

Area: Medical Sciences

The India Alliance provides a bunch of prestigious fellowships targeted to build excellence in the Indian bio-medical scientific community by supporting future leaders in the field. It helps to promote brain gain through generous and flexible funding, using competitive and transparent processes that place a premium on well deserving candidates having interesting ideas. The Alliance offers funding which covers the full spectrum of biomedical science from fundamental molecular and cellular studies to clinical and public health research for researchers at different stages of their careers. ECF is mainly for postdoctoral scientists who wish to undertake high-quality research and establish themselves as independent researchers in India.

Eligibility: ECF competition is open for basic science/veterinary researchers with nil to 4 yrs of post-PhD research experience. Applicants in the final yr of their PhD are also eligible. The India Alliance has no restrictions based on age or nationality in all its schemes. Early Career Fellows are strongly encouraged to carry out their Fellowship project in a laboratory that is not their thesis laboratory or thesis environment. All schemes require a preliminary application. Short-listed applicants are invited to submit a full application, which are sent out for international peer-review and screened by the India Alliance's Fellowship Selection Committee. Selected applicants are invited for interview with the Fellowship Selection Committee.

Fellowship amount: Fellows are provided with the salary support set by the India Alliance for each scheme i.e. up to 10.3 Lakh per annum. In cases where a Fellow has been receiving a salary from their Host Institution, a top up is provided to meet the indicated salary level. Generous research funds up to 1.7 Crores are provided to commensurate with the requirements of the proposed research along with the flexibility to spend as necessary to meet the research goals. Additionally, funds to foster collaborations including funds for collaborative visits (short or long term), visits for training, conferences and meetings are also provided, with no restriction on frequency or location. The duration is up to 5 yrs.

Link: <https://www.indiaalliance.org/fellowshiptype/basic-biomedical-research-fellowships>

Funding Agency
Wellcome Trust, UK,
Department of
Biotechnology (DBT),
Govt. of India

Faculty and Scientists

153. India Alliance Basic Biomedical Research Fellowships: Senior and Intermediate Fellowships (SIF)

Area: Medical Sciences

The Alliance offers funding which covers the full spectrum of biomedical science from fundamental molecular and cellular studies to clinical and public health research for researchers at different stages of their careers. Intermediate Fellowship is for researchers who wish to establish an independent laboratory with a high-quality research programme in India while the Senior Fellowship supports outstanding researchers of any nationality, either medically qualified or science graduates, with demonstrated ability to lead an independent research project and group, and who wish to pursue a research career in an academic institution in India.

Eligibility: The SIF competition is open for basic science/veterinary researchers with 4 -15 yrs of post-PhD research experience. Applicants should choose the most appropriate scheme suitable for them based on their qualification, research experience, career trajectory and track record. Usually, Intermediate Fellowships are considered suitable for applicants with 4-7 yrs of post-PhD research experience who have been successful in building a track record of pursuing cutting edge research and wish to establish their own independent research. The India Alliance has no restrictions based on age or nationality in all its schemes. All schemes require a preliminary application. Short-listed applicants are invited to submit a full application, which are sent out for international peer-review and screened by the India Alliance's Fellowship Selection Committee. Selected applicants are invited for interview with the Fellowship Selection Committee.

Fellowship amount: Fellows are provided with the salary support set by the India Alliance for each scheme i.e. up to 13.8 and 16.1 Lakh p.a. as Intermediate and Senior Fellowship respectively. In cases where a Fellow has been receiving a salary from their Host Institution, a top up is provided to meet the indicated salary level. Generous research funds up to 3.6 and 4.5 Crores for Intermediate and Senior Fellows respectively are provided to commensurate with the requirements of the proposed research along with the flexibility to spend as necessary to meet the research goals. Additionally, funds to foster collaborations including funds for collaborative visits (short or long term), visits for training, conferences and meetings are also provided, with no restriction on frequency or location. The duration is up to 5 yrs.

Link: <https://www.indiaalliance.org/fellowshiptype/basic-biomedical-research-fellowships>

Funding Agency

Wellcome Trust, UK,
Department of
Biotechnology (DBT), Govt.
of India

Faculty and Scientists



154. India Science and Research Fellowship (ISRF)

Area: All Science Disciplines

Funding Agency

Department of Science & Technology (DST), Govt. of India

ISRF provides opportunity to scientists from developing countries of Afghanistan, Bangladesh, Bhutan, Maldives, Myanmar, Nepal and Sri Lanka to work in advanced research areas in all major disciplines of science and technology including engineering and medical sciences at premier research laboratories in India. The Fellowship is for researchers holding permanent positions in the above-mentioned Countries, who are actively involved in research activities and intend to visit India under the ISRF Programme for pursuing research for a period of 3 - 6 months. The Fellowship application would be scrutinized once a year by a Selection Committee. The Fellowship includes return airfare, visa fees etc. as well as a sustenance allowance of Rs. 50,000/- per month (including accommodation), Rs.10,000/- as one time contingency grant to the Fellow and Rs. 20,000/- as one time grant contingency grant for host scientist (through Institution) for providing laboratory facilities and infrastructure.

Link: <https://dst.gov.in/callforproposals/india-science-and-research-fellowship-programme>

Faculty and Scientists

155. Indo-Australia Early and Mid-Career Researchers (EMCR) Fellowship

Area: All Science Disciplines

Funding Agency

Department of Science & Technology (DST), Govt. of India

This scheme is designed to support Indian scientists/researchers to travel to Australia to work with leading researchers at major Australian science and technology institutions/ universities/ organizations and conducting advanced research / undergoing specialized training in chosen frontline areas of Science & Technology. This initiative aims to support the development of research skills and networks and facilitate access to specialized equipment and training. It intends to facilitate long-term science, technology and innovation collaboration between India and Australia, developing the researchers' leadership skills as future 'science ambassadors' for India and providing a catalyst for future India-Australia research collaborations. 15 Fellowships are awarded every year. This scheme is administered by Indian National Science Academy (INSA), New Delhi.

Eligibility: The applicant should be Indian national, residing in India, holding a regular position in a recognized S&T Institution/University and actively engaged in research work in frontline areas. He/she must have been awarded their Ph.D. degree within 10 years of the submitting fellowship application and should be less than 45 years of age. Applicants must not have been awarded an Indo-Australia Visiting Fellowship earlier.

Fellowship amount: A fellowship of USD 3000/- per month and Contingency grant of Rs. 25,000/- (to cover visa charges, medical insurance etc.) is given. The cost of to and fro air passage in economy upto Rs. 1 Lakh is provided. The Fellows are also entitled to a grant of USD 1200/- for travel within the host country for attending approved conference/workshop or visit to other institute of interest etc. Fellowships of 3 to 9 months duration are provided to EMCR Fellows.

Link: <https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/faculty-and-scientists/indo-australia-early-and-mid-career-researchers-emcr-fellowship>

Faculty and Scientists



156. Indo-Australian Career Boosting Gold Fellowships (IACBGF)

Area: Life Sciences & Biotechnology

Funding Agency

Department of Biotechnology (DBT), Govt. of India

IACBGF is an initiative of the Govt. of India through DBT with kind support from the Australian Government through the Department of Industry, Innovation, Science, and Research. Under this scheme, Govt. of India would fund researchers from India and provide travel support to undertake a collaborative research project at a leading science Institute or University in Australia for a period of 3 to 9 months, commencing in 2017-18. This Program is open to applicants based in India who are employed as faculty on full time basis (on permanent or contractual basis, including Ramalingaswami-, Ramanujan-, IYBA- Fellows and INSPIRE Faculty). 10 Fellowships would be awarded each year to those who have identified an opportunity to undertake a high quality, technically feasible and strategically valuable research project with a collaborating organisation in Australia. In the call, priority would be given to projects that are relevant to the concerned thematic areas and topics. The age limit is 35 years. The fellows are entitled to Monthly Associateship of Rs.1.5 Lakh, Preparatory allowance of Rs. 20,000/- (one time grant) and Return Air fare in economy class (by Air India). The selected candidates may receive payment of salary and continuance of other service benefits by the Indian institutions to which they belong. The Fellows must spend a minimum of 3 months on their project at their nominated international host institution in Australia.

Link: <https://dbtindia.gov.in/whats-new/call-for-proposals/call-applications-indo-australian-career-boosting-gold-fellowships-0>

Faculty and Scientists

157. INSA JRD-TATA Fellowship

Area: All Science Disciplines

INSA has instituted this fellowship programme in honour of the late JRD Tata, a visionary and leading industrialist. It is administered by Centre for International Co-operation in Science (CICS). The objective is to extend facilities of scientific infrastructure and expertise of India to scientists and researchers from other developing countries. The Fellowship established from an Endowment received from Sir Dorabji Tata Trust fosters advanced research training of scientists from the developing world and promotes south-south co-operation. The Fellowship is intended for researchers (Nationals) from developing countries except India, who have aptitude for research and are desirous of working in an Indian research laboratory for a maximum period of 3 months. Applicants possessing Doctorate or Master's Degree in Science or equivalent degree in Engineering/Medicine and allied disciplines, below 45 yrs of age may apply. The Fellowship covers return airfare, maintenance allowance and incidentals for 3 months, accommodation to be provided by the host institute either free of cost or at nominal charges and contingency grant for purchase of books and stationery.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/phd-post-doctoral-faculties-scientists/insa-jrd-tata-fellowship>

Funding Agency

**Indian National Science
Academy (INSA), New
Delhi**

Faculty and Scientists

158. Jawaharlal Nehru Birth Centenary Visiting Fellowship

Area: All Science Disciplines

Funding Agency

Indian National Science Academy (INSA), New Delhi

This Fellowship Scheme was instituted in 1989 to commemorate Pt. Jawaharlal Nehru's support for science and was first awarded for the year 1991. This lectureship would enable the Academy to project the progress made by India in Science and Technology in the countries abroad. One Fellowship would be awarded every 3 years and would not be restricted to the countries with whom INSA has Exchange Programme. The selected scientists would be deputed to undertake a visit upto the period of 4 weeks in one or two countries to be specified each year. INSA would meet the cost of return passage of the awardee from the place of duty to the last destination. If the awardee desires to visit a country with whom INSA has exchange programme, the cooperating Academy/Organisation of that country would be requested to provide local hospitality for a period up to 4 weeks. Cost of travel expenses including visa, insurance and per diem will be paid as per Govt. of India norms.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/faculties-scientists/jawaharlal-nehru-birth-centenary-visiting-fellowship>

Faculty and Scientists



159. Overseas Fellowship/Associateship for NER scientists

Area: Life Sciences & Biotechnology

DBT, in 2010-2011, initiated this scheme under special programme for the North Eastern Region (NER). This scheme is for the early and mid-career Scientists holding permanent positions in NER conducting research to generate human resource trained in cutting edge areas of biotechnology. It promotes and supports scientists of merit in their pursuit of skill enhancement in scientific research/training in overseas laboratories for short term as well as long term. The intent is that consequent to their associateship, these awardees would bring lots of intellectual value and acquired knowledge benefits to the NER host institutions and researchers in terms of advanced research techniques, training, lab management, grant skills etc. Under this scheme, Associateship is awarded to the researchers working in any of the North-Eastern States of India for conducting research or training in overseas research laboratories in different areas of biotechnology/life sciences based on their scientific strength and selection by the expert committee. This Associateship is offered for short term (3 months/6 months) and long term (1 yr) duration. A monthly fellowship of \$ 3000 is given to the awardees on completion of each month.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/faculties-scientists/overseas-fellowshipassociateship-ner-scientists>

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

Faculty and Scientists

160. Ramalingaswami Re-entry Fellowship

Area: Life Sciences & Biotechnology

Keen to get back the precious scientific minds born and nurtured in the country that had gone overseas, and calling it the reversing of brain drain from the country, DBT has initiated the Ramalingaswamy Re-entry Fellowship for such biotechnologists for providing them an attractive avenue to pursue R&D in Indian institutions. DBT aims to bring up to 75 such brilliant brains back to the country every year. Selection will be made by Selection Committee specially constituted for the purpose. The awardees would be able to work in any of the recognised scientific institutions/universities in the country.

Eligibility: i) Scientists working in any area of life sciences & biotechnology, bio-engineering, healthcare (human and animal), agriculture and veterinary biotechnology, bio-energy and allied areas can apply.

ii) The applicant must possess a Ph.D/MD degree or equivalent in life sciences/agriculture, bioinformatics or M.Tech in engineering or technology/medicine etc. with at least 3 yrs of post-doctoral research experience in overseas laboratories. Those who have already returned to India within 1 yr but without a job are also eligible.

iii) The applicants should have a proven/outstanding track record as evident from research publications and recognitions.

iv) In case a fellow is offered permanent position, he/she can only avail either this fellowship or salary at a given time.

v) The upper age limit for applying is 45 yrs.

Fellowship amount: A consolidated fellowship of Rs.1 Lakh per month with HRA of Rs.18500 p.m. consolidated is provided. Each awardee will get a research/contingency grant of Rs.10 Lakh for the 1st & 2nd year, Rs. 7.5 Lakh for the 3rd & 4th years while Rs.5 Lakh for the 5th yr. Institutional overheads of Rs.50000 p.a. is also given. The awardees would also be eligible for regular research grant through extramural and other research schemes of various S&T agencies of the Govt. of India, provided that Co-PI is a regular faculty member. The duration of the fellowship will be for a period of 5 yrs. In exceptional cases, the duration may be extended by additional 2 yrs after a fresh appraisal of performance. However, during extension only fellowship and HRA will be provided with no research/contingency grant.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/ramalingaswami-re-entry-fellowship>

Funding Agency
Department of
Biotechnology (DBT),
Govt. of India

Faculty and Scientists

161. Raman Fellowship for Post Doctoral Research for Indian Scholars in USA

Area: All Science Disciplines, Other Areas

Funding Agency

**University Grants
Commission (UGC)**

This scheme provides an excellent opportunity to young Indian researchers (permanent faculty), under 40 years of age to interact with the American academic / scientific community, get first hand information and experience of the developments taking place at the international level and acquaint themselves with new academic and scientific research methods and participate in collaborative research projects. It would enable young Indian researchers to carry out a clearly defined research project and/or acquire newly emerging research techniques and technologies at a place of their choice in USA for a period of 6 to 12 months. The Fellow is entitled to fellowship amount of US \$ 3000 per month. A personal contingency grant upto a maximum of Rs. 50,000/- to cover visa fee, airport transfer, medical insurance expenses etc. is also given. For approved travel within USA to attend conferences or visit other institutes of interest, the Fellow would be entitled to avail Grant of \$ 600 for fellowship period upto 6 months or Grant of \$ 1200 for fellowship period beyond 6 months.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/faculties-scientists/raman-fellowship-post-doctoral-research-indian-scholars-usa>

Faculty and Scientists

162. Ramanujan Fellowship

Area: All Science Disciplines

The Ramanujan Fellowship is meant for reverse brain drain. This scheme has been developed for brilliant scientists and engineers from all over the world to take up scientific research positions in India i.e. for those candidates who are doing Post Doctoral abroad or scientists who want to return to India from abroad. All Areas of Science (in the broadest terms) are covered by this Fellowship. The fellowships are scientist-specific and very selective. The Ramanujan Fellows could work in any of the scientific institutions and universities in the country and they would be eligible for receiving regular research grants through the extramural funding schemes of various S&T agencies of the Govt. of India.

Funding Agency

**Science and Engineering
Research Board (SERB),
Dept. of Science &
Technology (DST), Govt.
of India**

Link: https://www.anrfonline.in/ANRF/Ramanujan_fellowship

Faculty and Scientists



163. Swarnajayanti Fellowships

Area: All Science Disciplines

Funding Agency

Department of Science & Technology (DST), Govt. of India

Govt. of India had instituted 'The Swarnajayanti Fellowships' scheme to commemorate India's 50th year of Independence. Under this scheme, a selected number of young scientists, with outstanding proven track record, are provided special assistance and support to enable them to pursue basic research in frontier areas of science and technology. The fellowships are scientist specific, very selective and have close academic monitoring. A fellowship of Rs.25000 per month for 5 years shall be provided to the awardees in addition to the salary drawn from their parent Institution. Scientists selected for the award will be allowed to pursue unfettered research with a freedom and flexibility in terms of expenditure as approved in the research plan. The project should contain innovative research idea having a potential of making significant impact on R&D in the discipline. The support covers all the requirements for performing the research including equipments, consumables, contingencies, national and international travel and other special requirements, if any. The fellowship is open to Indian Nationals having a regular position in a recognized Indian academic/ research organization. The applicant should possess Ph.D in Science/ Engineering/ Medicine and should not be drawing Fellowship from any other Govt. of India Scheme. The fellowship is open to scientists between 30 to 40 yrs of age.

Link: <https://dst.gov.in/scientific-programmes/scientific-engineering-research/human-resource-development-and-nurturing-young-talent-swarnajayanti-fellowships-scheme>

Faculty and Scientists

164. Tata Innovation Fellowships

Area: Life Sciences & Biotechnology

This highly competitive scheme was initiated in 2007 to promote innovation in science, especially in Biotechnology in finding path-breaking solution of the major challenges. The objective is to recognise and reward scientists with outstanding track record in biological sciences/ biotechnology and deep commitment to find innovative solutions to major problems in health care, agriculture and other areas related to life sciences and biotechnology. The scheme aims at rewarding interdisciplinary work where major emphasis is on innovation and translational research with a potential towards commercialization. Five fellowships are awarded per year. The applicant should possess a Ph.D degree in Life Sciences, Agriculture, Veterinary Science or a Master's degree in Medical Sciences, Engineering or an equivalent degree in Biotechnology / related areas and have a regular permanent position in a University/ Institute/ Organization. The candidate should be engaged in research and development and have outstanding contribution and publication in the specific area. Also, the applicant should have spent at least 5 years in India before applying for the fellowship. The Tata Innovation Fellows receive a fellowship of Rs. 25,000/- per month in addition to regular salary from the host institute as well as a contingency grant of Rs. 6 Lakh per annum for meeting the expenses on consumables, equipment, international and domestic travel, manpower, etc. incurred in connection with the implementation of the research project under the fellowship. If an awardee is receiving salary from international organization, he/she would be entitled for research grant i.e. contingency only. The duration of the fellowship is for 3 yrs, extendable further by 2 yrs on a fresh appraisal.

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

Link: <https://dbtindia.gov.in/latest-announcement/advertisement-tata-innovation-fellowship-program-fy2024-25>

Faculty and Scientists

165. UGC-Faculty Recharge Programme (UGC-FRP)

Area: All Science Disciplines

Funding Agency

University Grants
Commission (UGC), Govt.
of India

This scheme and positions have been created as part of a new Initiative designed to augment faculty resources in Indian Universities. The intent is to induct outstanding, highly motivated candidates having demonstrated flair for research and teaching, and with notable record of research in interdisciplinary/frontier areas of science, who will spearhead internationally competitive research programmes along with their teaching responsibilities. UGC-FRP appointments can be at the levels of Assistant Professor, Associate Professor and Professor in areas of basic sciences, i.e. Physics, Mathematics, Chemistry, Biology, and Engineering- and Earth Sciences. The University Grants Commission will synergize and coordinate with Institutions under its umbrella for appropriate placement of successful candidates.

Eligibility: i) Good academic record with at least 55% marks or equivalent grade in Master's degree from an Indian University or an equivalent degree from an accredited foreign university. ii) Candidates must have qualified CSIR-UGC National Eligibility Test (NET) or similar test like SLET / SET or have Ph.D. degree awarded in accordance with the UGC norms, 2009 to be exempted from the requirement of NET/SLET/SET. iii) Ph.D. degree in concerned discipline with at least 1-2 yrs post-doctoral research experience, and good record of research publications is desirable Fellowship amount: The UGC-Faculty emoluments are at par with those of the Central University appointees. In addition, facilities (such as residential accommodation, etc) commensurate with those available to faculty of the host institution may be extended to them. Also, they are entitled to competitive start-up grant for research. Initial appointments at each level shall be for a period of 5 yrs, extendible through peer evaluation by successive 5-yr terms. There is provision for elevation to next higher rank following end-of-term or mid-term appraisal of those occupying the position of Assistant / Associate Professor. The positions are tenable till the age of superannuation (presently at 65 yrs).

Faculty and Scientists

Link: <https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/faculty-and-scientists/ugc-faculty-recharge-programme-ugc-frp>



166. Visiting Advanced Joint Research (VAJRA) Faculty Scheme

Area: All Science Disciplines

Funding Agency

**Science and Engineering Research Board (SERB),
Dept. of Science & Technology (DST), Govt. of India**

VAJRA, launched in 2017, is a dedicated program exclusively for overseas scientists and academicians with emphasis on Non-resident Indians (NRI) and Persons of Indian Origin (PIO) / Overseas Citizen of India (OCI) to participate and contribute to research and development (R&D) in India by working as adjunct / visiting faculty in Indian Public funded academic and research institutions for a specific duration. It recognizes the value of collaborative research as a crucial element for information sharing among researchers for updating and acquiring knowledge and skills, and also to draw different perspectives to solve a shared problem. This scheme is to welcome accomplished Overseas Scientists to take up challenging research problems in the Indian setting. A Selection Committee of eminent scientists will evaluate the applications, meeting twice a year in Jan and July. Subsequently, SERB would announce the results in the month of April and Sept.

Eligibility: i) This scheme is open to overseas scientist / faculty /R&D professional including NRI and PIO / OCI

ii) Applicant should be an active researcher working with overseas academic / research / industrial organizations with proven track record of research and development.

Fellowship amount: The VAJRA Faculty will be provided US \$15000 in the first month of engagement in a year and US \$10000 p.m. in the other two months to cover their travel and honorarium. While no separate support is provided e.g. for accommodation, medical / personal insurance etc., the host institute may consider providing additional support. The VAJRA Faculty will work for minimum of 1 month and a maximum of 3 months a yr in an Institution in India. The Indian Host Institution may engage him/her for longer duration even after the completion of the assignment. The adjunct position will be offered initially for 1 yr, and can be renewed every yr.

Link: <https://www.vajra-india.in/>

Faculty and Scientists

167. Visiting Research Professorship (VRP) for North Eastern Region (NER)


Area: Life Sciences & Biotechnology

DBT's Visiting Research Professorship (VRP) & Visiting Research Faculty (VRF) Scheme intends to achieve excellence in promotion of biotechnology & related areas in the North Eastern States of India. Applications are invited from the scientists/faculties those who are interested to be engaged in NER states (Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Tripura & Sikkim). The main aim of the scheme is to utilize the expertise and services of such outstanding biotechnology professionals for bringing advancement in the Biotechnology and Life Science related activities in various institutions of higher learning including medical institutions in the NER States of India. The Professorship is awarded in recognition of outstanding contributions to any branch of Biotechnology and related fields and the awardees would be designated as 'DBT Visiting Research Professor/ Faculty'. Depending upon their areas of specialization, the empanelled scientist/faculty would help in making contribution in areas of education, research and training in NER institutions, in disciplines/subjects of required field of host institution in NER. The award shall be given to active or superannuated Indian scientists/ technologists, below the age of 70 yrs. The maximum number of VRP/VRF would be up to 12 per year. However, if the Committee finds more eligible candidates, the number can be enhanced. The duration would be for a period ranging from 3 months to 1 year. Based upon the level of experience and expertise, the Visiting Professor will receive monthly emoluments ranging from Rs. 75,000/- (VRF) to Rs. 1 Lakh (VRP) plus House Rent Allowance (HRA) as per norms. Each awardee would also be paid economy class return airfare, consumable grant upto Rs. 50,000/- per annum (prorated for different periods), as well as a contingency grant of Rs. 25,000/- . In addition, Bench Fee would also be provided to the Host institution: Rs. 25,000/- for 3 months tenure while Rs. 50,000/- for 6 months, Rs. 75,000/- for 9 months and Rs. 1 Lakh for 1 year tenure.

Link: <https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/faculties-scientists/visiting-research-professorship-vrp-visiting-research-faculty-vrf-north-eastern-region-ner>

Funding Agency
Department of
Biotechnology (DBT),
Govt. of India

Faculty and Scientists



168. Water Advanced Research and Innovation (WARI) Fellowship Program

Area: Chemical Sciences, Engineering Sciences, Life Sciences & Biotechnology

Funding Agency

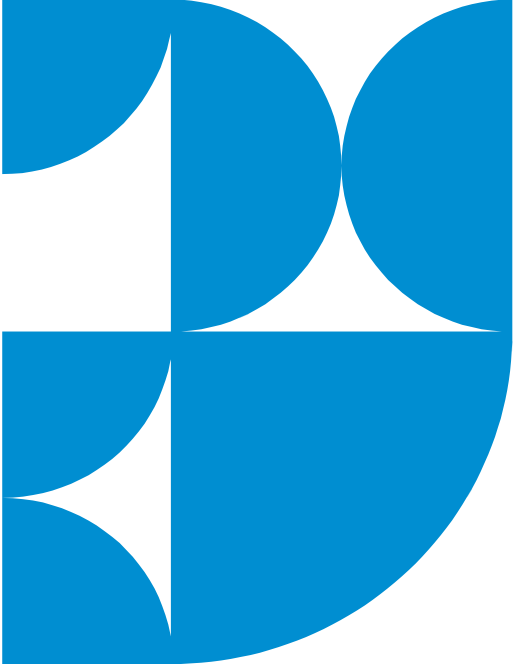
Department of Science and Technology, Govt. of India; University of Nebraska-Lincoln (UNL); Daugherty Water for Food Institute (DWFI); Indo-US Science and Technology Forum (IUSSTF)

Recognizing that Water is of fundamental importance for human development, the environment and the economy, and needs to feature prominently in the development agenda of both India and the United States, this dynamic and transformative program has thus been developed to foster long term Indo-American science and technology partnerships. The Program is envisaged to provide opportunity to best and brightest Indian students and scientists to gain exposure and access to world class research facilities at University of Nebraska-Lincoln (UNL) and Daugherty Water for Food Institute (DWFI) and to promote research and capacity building in the area of Water. It paves the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations. For Student Internships, Indian citizens currently pursuing a Ph.D. in Water Science and Engineering at a recognized institution of higher education and learning in India are eligible to apply. Age limit is up to 32 years. For Fellowships, Indian citizens having Ph.D. in Water Science and Engineering, working in the fields of water resources, water chemistry and environmental engineering, and affiliated to public-funded R&D lab/ S&T institution / recognized university / college in India are eligible to apply. Applicants must be capable of doing independent research and should have published in high-impact academic journals. Age limit is up to 40 years. Internship is provided for 3 - 6 months while Fellowships for 3 - 12 months. The number of Internships / Fellowships is 5 each per year, that may be changed at discretion of the competent authorities. Fellowship/Internship includes Monthly Stipend, Return Air fare, Contingency Allowance etc.

Link: <https://iusstf.org/water-advanced-research-innovation-fellowship>

Faculty and Scientists





169. Biogas Power Generation (Off-Grid) and Thermal energy application Programme (BPGTP)

Area: Energy Sciences, Traditional Knowledge

The aim of the scheme is to promote biogas-based Decentralized Renewable Energy Sources of power generation (Off-Grid), in the capacity range of 3 kW to 250 kW or thermal energy for heating/cooling applications from the biogas generation produced from Biogas plants of 30 M3 to 2500 M3 size.

Funding Agency
Ministry of New and Renewable Energy (MNRE), Govt. of India

Intended Applicants: Rural and semi-urban areas Small dairy, Poultry farms

Eligibility: The State Renewable Energy Agencies (SNAs), Biogas Development and Training Centres (BDTCs), Khadi and Village Industries Commission (KVIC) and National Dairy Development Board (NDDB) , State Agriculture and State Rural Development Departments.

Purpose: Construction, Infrastructure

Application Method: Offline

Fellowship / Financial Assistance: The CFA is given on reimbursement basis after successful completion and commissioning of the project in all respect.

Link: <https://mnre.gov.in/en/policies-and-regulations/schemes-and-guidelines/schemes/>

Societal Development



170. Biotech-KISAN (Biotech-Krishi Innovation Science Application Network): A Farmers'-Centric Mission Programme

Area: Chemical Sciences, Engineering Sciences, Physical Sciences

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

Biotech-Krishi Innovation Science Application Network (Biotech-KISAN), a scientist-farmer partnership scheme that empowers farmers, especially women farmers for agriculture innovation. It aims to understand the problems of water, soil, seed and market faced by the farmers and provide simple solutions to them. The Scheme is for farmers, developed by and with farmers, it empowers women, impacts locally, connects globally, is Pan- India, has a hub-and spoke model and stimulates entrepreneurship and innovation in farmers.

Eligibility: A recognized leader working in any public or private institution / university, foundation or society with a proven track record of leading the projects in the areas related to transfer and demonstration / dissemination of technologies at farmers' level and well versed with the problems of farmers at grass root level in the region in partnership with 5-8 research institution / universities. The Programme is intended for those institutions having substantial infrastructure and commitment to undertake farmers' oriented outreach programmes.

Link: <https://dbtindia.gov.in/biotech-kisan>

Societal Development





171. Biotechnology Programme for Societal Development

Focus Area: Life Science and Biotechnology

The aim of Biotechnology based programme for societal development is the socio-economic upliftment of the underprivileged section of the society.

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

Intended Applicants: Institutions, NGOs, KVKs, Universities.

Funding Agency: Department of Biotechnology (DBT), Govt. of India.

Eligibility: Faculty from Govt. recognised universities, National level laboratories, Autonomous Institutions and Colleges, Partially funded KVKs, Voluntary organizations/ NGOs/ social trust/ foundations.

Purpose: Innovations, Research

Funding Cycle: Annually

Application Method: Online

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/biotechnology-programme-societal-development>

Societal Development





172. Capacity Building of Community-based organizations (CBOs), NGOs, Knowledge Institutions (KI) & Social Start-ups

Funding Agency

Department of Science & Technology (DST), Govt. of India

Awareness creation, workshops, roundtable discussions, conferences, exhibitions, skill & training programmes to enhance the S&T capability of CBOs, NGOs and social issues related knowledge of Scientists & researchers (Postdoc, PhD & MTech students) and standardization of S&T enabled NGOs.

Eligibility: Scientists, engineers, technologist working IITs, NITs, Autonomous Bodies/Aided Institutions and other educational institutions/ Universities under Central/State Governments, R&D institutions, laboratories having adequate infrastructure and project implementation experience at societal level. Non-Governmental Organization/Voluntary organizations/private institutions with minimum 3 years field level experience in S&T interventions and management should have delivered proven technology models for field level applications to community after registration. Experience in handling projects having focus on S & T with support from scientific departments of Govt. of India will be encouraged.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/capacity-building-community-based-organizations-cbos-ngos-knowledge-institutions-ki-social-start-ups>

Societal Development



173. Community Resilience Resource Centre (CRRC)

Funding Agency
Department of
Science & Technology
(DST), Govt. of India

The programme aims to provide STI based interventions to supplement various other initiatives for prevention, protection, mitigation, response and recovery measures. It also supports the scouting and simultaneous scale up of relevant STI solutions at community level for self-reliance against various disasters for risk reduction, adaptation and mitigation. It will develop the strategies for strengthening STI based economic and ecological resilience of the communities for sustainable livelihoods. Over a period of time, the CCRRCs would evolve as Community Resilience Resource Centres (CRRCs) to strengthen STI based resilience of the community in different aspects of livelihood system strengthening, establishment of social enterprises etc. besides development of strategies for disaster risk reduction, adaptation and mitigation for developing sustainable resilient communities.

Link: <https://dst.gov.in/programmes-innitiatives>

Societal Development



174. Coordination with States and Aspirational Districts

Area: Health & Nutrition, Education, Agriculture & Water Resources

This program focusses closely on improving people's ability to participate fully in the burgeoning economy. Health & Nutrition, Education, Agriculture & Water Resources, Financial Inclusion & Skill Development, and Basic Infrastructure are this programme's core areas of focus.

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India**

Intended Applicants: Residents and Locals

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/coordination-states-and-aspirational-districts>

Societal Development



175. Demonstration and Scale-up programmes for Societal Upliftment

Focus Area: Biotechnology for Societal Upliftment

This program is made for societal upliftment. Mushroom Incubator setup at Bodoland University in Kokrajhar is a part of this program in which Kokrajhar which is a remote region in Assam is working towards the socio-economic upliftment and empowerment of rural entrepreneurs in mushroom culture and farming especially women entrepreneurs.

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India**

Intended Applicants: Entrepreneurs , Scientists, Researchers

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/demonstration-and-scale-programmes-societal-upliftment>

Societal Development

176. Development of Solar Parks and Ultra Mega Solar Power Projects

Area: Energy Sciences, Physical Sciences, Earth, Atmosphere & Environment Sciences

Funding Agency
Ministry of New and Renewable Energy (MNRE), Govt of India

The scheme envisages supporting the States/UTs in setting up solar parks at various locations in the country with a view to creating the required infrastructure for setting up solar power projects. The solar parks provide suitable developed land with all clearances, transmission systems, water access, road connectivity, communication network, etc. The scheme facilitates and speeds up the installation of grid-connected solar power projects for electricity generation on a large scale.

Intended Applicants: States and Union Territories

Eligibility: All the States and Union Territories are eligible can apply

Purpose: Infrastructure

Fellowship / Financial Assistance:Upto Rs. 25 lakh per solar park for preparation of Detailed Project Report (DPR) and CFA of up to Rs. 20.00 lakh per MW or 30% of the project cost, including Grid-connectivity cost, whichever is lower.

Link: <https://mnre.gov.in/en/policies-and-regulations/schemes-and-guidelines/schemes/>

Societal Development



177. Grid Connected Solar Rooftop Programme

Focus Area: Energy Sciences, Physical Sciences, Earth, Atmosphere & Environment Sciences

The objective of this scheme is to create awareness, capacity building, human resource development, etc. and to promote sustainable business models. As the Scheme is to be implemented through Power Distributing companies (DISCOMs), therefore, the residential consumer who wishes to seek CFA has to approach the DISCOMs operating in his area for installation of rooftop solar plant and get the CFA.

Funding Agency

Ministry of New and Renewable Energy (MNRE), Govt of India

Intended Applicants: Residential sector, Social, Government, educational, PSUs, Statutory /Autonomous bodies, Private Commercial, Industrial Sectors.

Purpose: Infrastructure

Application Method: Online and Offline

Fellowship / Financial Assistance: CFA @ 40% for capacity up to 3 kWp CFA @ 20% for capacity beyond 3 kWp and up to 10 kWp CFA @ 20% for GHS/RWA capacity up to 500 kWp (limited to 10 kWp per house and total upto 500 kWp).

Link: <https://mnre.gov.in/en/policies-and-regulations/schemes-and-guidelines/schemes/>

Societal Development

178. Mangrove Initiative for Shoreline Habitats & Tangible Incomes (MISHTI)

Focus Area: Environment Science

The Mangrove Initiative for Shoreline Habitats & Tangible Incomes (MISHTI) scheme is a government-led initiative aimed at increasing the mangrove cover along the coastline and on saltpan lands. The scheme is primarily focused on the Sundarbans delta, Hoogly Estuary in West Bengal, India and other bay parts of country, but also includes other wetlands in the country. The objective of the scheme is to conserve and restore the mangrove ecosystem, which is critical to mitigating the effects of climate change, preventing coastal erosion, and sustaining local livelihoods. Under the MISHTI scheme, the government is providing financial assistance to local communities to undertake mangrove plantation activities. The scheme also involves awareness campaigns to educate people about the importance of mangroves and their role in protecting the environment. The plantation activities are carried out in a participatory manner, involving local communities and NGOs, to ensure sustainability and community ownership of the initiative. Overall, the MISHTI scheme is a significant step towards promoting sustainable development and protecting the vulnerable coastal areas of India.

Intended Applicants: Local Communities

Purpose: Capacity Building

Funding Cycle: 80% of the project cost is borne by the Government of India, while the remaining 20% is contributed by the respective State Governments.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/mangrove-initiative-shoreline-habitats-tangible-incomes-mishti>

Funding Agency

**Ministry of Environment,
Forest and Climate
Change (MOEF & CC)**

Societal Development



179. New National Biogas and Organic Manure Programme (NNBOMP)

Focus Area: Energy Sciences, Traditional Knowledge

The objective of the scheme is to provide clean cooking fuel for kitchens, lighting, and meeting other thermal and small power needs of farmers/dairy farmers /users including individual households, and to improve organic manure system based on bio-slurry from biogas plants in rural and semi-urban areas by setting up of small size biogas plants of 1 to 25 Cubic Metre capacity.

Funding Agency

Ministry of New and Renewable Energy (MNRE), Govt of India

Intended Applicants: States and Union Territories

Purpose: Construction, Infrastructure

Application Method: Offline

Link: <https://mnre.gov.in/en/policies-and-regulations/schemes-and-guidelines/schemes/>

Societal Development

180. Pradhan Mantri Kisan Urja Suraksha Evam UtthaanMahabhiyan

Focus Area: Energy Sciences, Physical Sciences, Earth, Atmosphere & Environment Sciences

Funding Agency
**Ministry of New and
Renewable Energy
(MNRE), Govt of India**

The scheme aims to add solar and other renewable capacity of 25,750 MW by 2022 with total central financial support of Rs. 34,422 Crore including service charges to the implementing agencies. The Scheme consists of three components: Component A: 10,000 MW of Decentralized Ground Mounted Grid Connected Renewable Power Plants of individual plant size up to 2 MW. Component B: Installation of 17.50 lakh standalone Solar Powered Agriculture Pumps of individual pump capacity up to 7.5 HP. Component C: Solarisation of 10 Lakh Grid-connected Agriculture Pumps of individual pump capacity up to 7.5 HP.

Intended Applicants: Farmers/ Group of farmers/ Cooperatives/ Panchayats/ Farmer Producer Organisations (FPO)etc

Purpose: Infrastructure

Fellowship / Financial Assistance: The renewable power generated will be purchased by DISCOMs at a feed-in-tariff (FiT) determined by respective State Electricity Regulatory Commission (SERC). Component B: Individual farmers will be supported to install standalone solar Agriculture pumps of capacity up to 7.5 HP. CFA of 30% of the benchmark cost or the tender cost, whichever is lower, of the stand-alone solar Agriculture pump will be provided. The State Government will give a subsidy of 30%; and the remaining 40% will be provided by the farmer. Component C: Individual farmers having grid connected agriculture pump will be supported to solarise pumps. CFA of 30% of the benchmark cost or the tender cost, whichever is lower, of the solar PV component will be provided.

Societal Development

Link: <https://mnre.gov.in/en/policies-and-regulations/schemes-and-guidelines/schemes/>



181. Programme for SC/ST population

Area: Other Areas, All Science Disciplines

Funding Agency

**Department of
Biotechnology (DBT),
Govt of India**

For the socio economic upliftment of SC/ST target population, programme was continued and various projects were sanctioned on poultry production; goat rearing; artificial insemination; sericulture; bio-control agents; vermicomposting; medicinal plants; mushroom cultivation; aquaculture; animal husbandry and bio-resource complex. About 20,000 people have been benefited. Highlights of the projects are Tissue Culture, Artificial Insemination, Ginger Cultivation, Black-Pepper Cultivation, and Poultry Production.

Eligibility: Faculties and scientists of any university or organization.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/programme-scst-population>

Societal Development

182. Scheme for Setting up of Distributed Grid-Connected Solar PV Power Projects in Andaman & Nicobar and Lakshadweep Islands with Capital Subsidy from MNRE

Focus Area:Energy Sciences, Physical Sciences, Earth, Atmosphere & Environment Sciences

Funding Agency

Ministry of New and Renewable Energy (MNRE), Govt of India

The objective of this scheme is to develop Carbon Free Islands by phasing out use of diesel for generation of electricity and to contribute to the National Action Plan on Climate Change and Greening of the Islands along with reduction in cost of electricity generation. The scheme is being implemented through Central Public Sector Undertakings (CPSUs) viz., NTPC, NLC, REIL, SECI etc. on Build, Own and Operate (BOO) basis.

Intended Applicants: CPSUs like NTPC, NLC, SECI, REIL, etc.

Eligibility: All CPSUs like NTPC, NLC, SECI, REIL, etc. are eligible to apply

Purpose: Infrastructure

Fellowship / Financial Assistance: Upto 40% of the project Cost.

Link: <https://mnre.gov.in/en/policies-and-regulations/schemes-and-guidelines/schemes/>

Societal Development

183. Scheme for setting up of over 5000 MW Grid-connected SPV power projects under IV of JNNSM PHASE-II

Focus Area: Energy Sciences, Physical Sciences, Earth, Atmosphere & Environment Sciences

The objective of this scheme is Setting up of over 5000 MW Grid-connected SPV power projects under IV of JNNSM PHASE-II and scaling up of sizes of projects thereby leading to economies of scale. The scheme aims to facilitate speedier implementation of the solar power projects through adoption of mechanism of solar parks to meet the Phase-II target of NSM, wherever feasible, subject to meeting the timelines set by the Government of India etc.

Funding Agency

Ministry of New and Renewable Energy (MNRE), Govt. of India

Intended Applicants: Solar Power Developers

Purpose: Infrastructure

Application Method: Online

Fellowship / Financial Assistance: Viability Gap Funding (VGF) support of Rs. 5050 crore will be provided for setting up of at least 5000 MW Grid-connected Solar PV power projects by Solar Power Developers on Build-Own-Operate basis. Rs. 1.0 crore/MW for open category and Rs. 1.25 crore/MW for projects in Domestic Content Requirement (DCR) category.

Link: <https://mnre.gov.in/en/policies-and-regulations/schemes-and-guidelines/schemes/>

Societal Development



184. Science and Technology Communication through Community Radio

Funding Agency

Department of Science &
Technology (DST), Govt. of
India

Initiatives to help achieve gender equity, as our commitments under the national priority, Beti Bachao, Beti Padhao, and leveraged by Community Radio, are being re-oriented to raise the level of hand holding by the Department for longer duration than it is at present so that the infrastructure, facilities and manpower engaged in this noble endeavour could be utilized to its fullest.

Eligibility: Faculties and scientists of any university or organisation

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/scheme-setting-over-5000-mw-grid-connected-spv-power-projects-under-iv-jnnsr-phase-ii>

Societal Development

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

Funding Agency
Department of Science & Technology (DST), Govt. of India

The 'Science and Technology for Women' scheme, initiated in 1982 to promote gender equality and empower women through science and technology, has benefitted over 50,000 women nationwide. Approximately 1,500 projects in diverse fields aimed at improving the livelihoods of women at the grassroots level have been supported. Around 46 women technology parks have been established as single-window hubs for the convergence of various technologies, integrated with forward and backward linkages. These parks have benefitted over 20,000 women, enabling them to build capacities in new trades and skills through scientific knowledge, leading to the development of women entrepreneurs. This programme supports projects related to the establishment of women technology parks, drudgery reduction, health and nutrition, minimizing occupational hazards, and livelihood status improvement, with women as the primary beneficiaries.

Thrust Areas : Innovative solutions and technologies for sustainable livelihood of women based on natural resources, farm & non-farm sectors; Novel women-centric farm/ non-farm practices; □ Use of advanced technologies e.g. AI, 3D Printing, etc. for addressing women centric issues; Biodegradable & eco-friendly technologies; Reducing women and child mortality rate; Addressing nutrition, mental and other health issues related to different stages of women's life cycle; Innovative hygiene and sanitation technologies; S&T based drudgery reduction; ICT tools and other innovative technologies for Women Safety, Education, S&T for Entertainment & Social security; Technologies to reduce occupation health hazards in different working conditions of women; Training & capacity building capacity building of women on the innovative & sustainable S&T solutions for improving their quality of life and livelihood.

Eligibility: The aim of the programme is to attain local self-reliance of women for socio-economic growth. Programmes implementation can be through Recognized R&D laboratories, S&T based institutions, Universities, Educational Institutions and S&T based voluntary organizations. Non-Governmental Organization/Voluntary/S&T based organizations/private academic institutions with minimum 3 years field level experience in S&T interventions and management should have delivered proven technology models for field level applications to community after registration. Experience in handling projects having focus on S & T with support from scientific departments of Govt. of India will be encouraged.

Societal Development

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/science-and-technology-women-st-women>

186. Small Hydro Power Programme

Focus Area: Energy Sciences, Physical Sciences

The objective of the SHP scheme is to encourage the State Government entities and Independent Private Producers (IPPs) to set up new Small Hydro projects so as to realize the entire 21000 MW potential in a phased manner.

Funding Agency

Ministry of New and Renewable Energy (MNRE), Govt. of India

Intended Applicants: The State Government entities and Independent Private Producers (IPPs)

Purpose: Construction, Infrastructure

Application Method: Online

Link: <https://mnre.gov.in/en/policies-and-regulations/schemes-and-guidelines/schemes/>

Societal Development



187. Social Innovation Immersion Program (SIIP)

Focus Area: Maternal and Child Health, Ageing and Health, Waste to value

SIIP is BIRAC's social Innovation fellowship/award program aimed at creating a pool of biotech "Social Innovators" who can identify needs & gaps within communities and then can help bridge the gaps either through an innovative product development or services.

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

Intended Applicants: Young Social Innovators

Eligibility: Indian citizens from fields such as life sciences, Agriculture, Engineering, medicine & human biology with educational qualification ranging from undergraduate (B.Tech, BE, MBBS) or postgraduate (MSc, MS, M.Tech, MPhil, MD) & PhD.

Purpose: Capacity Building, Innovations

Duration: 18 months

Fellowship / Financial Assistance: Receive a fellowship from BIRAC (amounting to INR 50,000/month for 18 months) and a onetime mini-kick start grant of INR 5 lakhs per fellow.

Link: <https://iusstf.org/s-n-bose-scholars-program>

Societal Development

188. Social Innovation

Programme For Products: Affordable & Relevant to Societal Health (SPARSH)

Focus Area: Maternal and Child Health, Ageing and Health, Waste to value

Funding Agency
Department of
Biotechnology (DBT),
Govt. of India

The programme aims at promoting the development of innovative solutions to society's most pressing social problems. The scheme tackles major social issues and offer new ideas for widespread change. The scheme aims to invest in ideas and innovations that improve health care of all Indians and encourage affordable product development in the social sector

Intended Applicants: Social innovators

Eligibility: Indian Citizen from the fields of Life sciences, Agriculture, Engineering, Medicine & human biology with educational qualification ranging from undergraduate (B.Tech, BE, MBBS) or postgraduate (MSc, MS, M.Tech, MPhil, MD) & PhD

Purpose: Innovations, Research

Duration: 1 Year and 6 Months

Application Method: Online

Fellowship / Financial Assistance: Selected Fellows would receive a fellowship from of INR 50,000 per month and a onetime start grant of INR 5 lakhs per fellow.

Link: https://www.birac.nic.in/desc_new.php?id=110

Societal Development

189. Societal Programme for Rural Development

Area: Life Sciences & Biotechnology

In rural areas for dissemination and use of biotechnological process and tools and for creation of new employment avenues, training and demonstration, projects were supported in various states. Few major projects were supported in an integrated manner utilising the bio-resources available as 'Bio-village' have been supported. Some of the highlights of these projects are Biological Pest Control, Sericulture, Pisciculture, Health, Fish Culture in Horticulture Ponds.

Eligibility: Faculties and scientists of any university or organization.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/societal-programme-rural-development>

Funding Agency

**Department of
Biotechnology (DBT), Govt
of India**

Societal Development



190. STARS (Scheme for Transformational and Advanced Research in Sciences)

Funding Agency

Ministry of Education
(MoE), Govt. of India

Scheme for Transformational and Advanced Research in Sciences (STARS) is an initiative of Ministry of Human Resource Development, Government of India, aims for promoting translational, India-centric research in Sciences, to be implemented, monitored and managed by Indian Institute of Science (IISc), Bangalore. With the key objective of supporting socially relevant research, the following 6 basic thrust domains have been identified: Physics, Chemistry, Biological Sciences, Nanosciences, Data Sciences & Mathematics and Earth Sciences.

Eligibility: Permanent faculty members from Higher Educational institutions viz., the MHRD-funded technical institutes (IISc, IITs, IISERs, NITs) and Central Universities; and Non-MHRD funded Institutions with NIRF ranking within 100 (overall category) or NAAC 3.26 and above (colleges or universities).

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/stars-scheme-transformational-and-advanced-research-sciences>

Societal Development

191. Strengthening, Upscaling & Nurturing Local Innovations for Livelihood (SUNIL) Programme

SUNIL programme aiming to strengthen technology delivery system and creation of social enterprise models for Economically Weaker Section (EWS) of society. Programme develops a joint implementation model (Land-Lab-Land) replacing NGOs as sole implementation partner with NGO & Knowledge Institutions (KI) involving other CBOs/SHGs/FPOs/Social ventures/ community to provide more comprehensive solutions at ground level. Focus of the SUNIL programme is not only limited to the deployment of many field-tested models and location-specific technologies to meet the needs of citizens, it also encourages improving their S&T knowledge, skill enhancement, capacity building and socio-economic conditions in the areas of Natural Resource Management; Drinking Water & Sanitation; Education; Health & Nutrition; Social Security; Local transport & Development; Electricity & Clean Energy; Entertainment; Integrated-farming & best practices; Linking people to financial services; Phone & Internet facilities; Livelihood & skill development etc. It supports in the following three major categories-

Technology delivery & enterprise creation model for improving efficiency of livelihood system: Providing emerging & locally appropriate STI solutions to strengthen weakest link of livelihood system through Land-Lab-Land approach involving KIs, NGOs and Community; Utilizing strongest link of local livelihood system for encouraging social entrepreneurship development for EWS Society.

Eligibility: Scientists, engineers, technologist working IITs, NITs, Autonomous Bodies/Aided Institutions and other educational institutions/ Universities under Central/State Governments, R&D institutions, laboratories having adequate infrastructure and project implementation experience at societal level. Non-Governmental Organization/Voluntary organizations/private institutions with minimum 3 years field level experience in S&T interventions and management should have delivered proven technology models for field level applications to community after registration. Experience in handling projects having focus on S & T with support from scientific departments of Govt. of India will be encouraged.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/strengthening-upscaling-nurturing-local-innovations-livelihood-sunil-programme>

Funding Agency

Department of Science & Technology (DST), Govt of India

Societal Development



192. Technology Interventions for Addressing Societal Needs (TIASN)

Funding Agency

Department of Science &
Technology (DST), Govt. of
India

This scheme is aimed at development of innovative technologies which are related to societal development. It focuses attention on specific and need based S&T interventions in farm and non-farm sectors for improvement of economically weaker sections, small and marginal farmers, rural artisans, landless labourers and urban population in unorganized sectors.

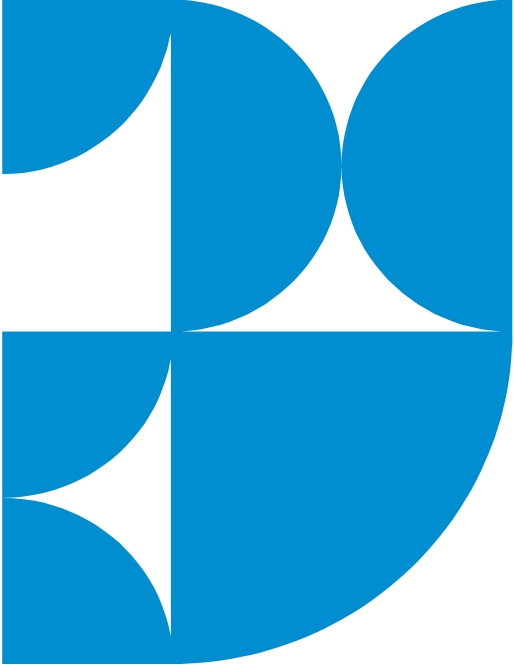
Eligibility: Recognized R&D laboratories, Universities and Educational Institutions; S&T based voluntary organizations, registered under the Societies Registration Act 1860 or a trust registered under the Indian Trusts Act 1982 or Charitable or Religious Act 1920 or under the corresponding State Act.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/technology-interventions-addressing-societal-needs-tiasn>

Societal Development





193. Technology

Interventions for Disabled and Elderly (TIDE)

Funding Agency

Department of Science & Technology (DST), Govt. of India

The Department of Science and Technology (DST) has a focused initiative on Science and Technology S&T interventions for the benefit of elderly and also the differently-abled Divyanjan persons in the country titled- Technology Interventions for Disabled and Elderly (TIDE). In addition to improving the quality-of-life of target population with appropriate and/or innovative scientific technological interventions, TIDE also aim at giving them autonomy, and independence through holistic development by creating requisite enabling environment for their empowerment. Proposals on Research and Development for technological solutions with multidisciplinary approach to improve the quality of life of Elderly population and Divyanjan and in making them self sufficient will be considered for financial assistance under this programme.

Eligibility: Elderly and differently-abled Divyanjan persons.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/technology-interventions-disabled-and-elderly-tide>

Societal Development

194. Women Technology Parks (WTPs)

Funding Agency
Department of
Science & Technology
(DST), Govt of India

Women Technology Parks (WTP) aim to improve the weakest link of the predominant livelihood system of women in an area and promote social entrepreneurship and women employment based on the strongest link of the livelihood system through interventions of Science, Technology and Innovations. Efforts are being made that women in rural and periurban areas receive training on live technology models demonstrated in WTPs for skill development and capacity building as per National Skill Qualification Framework through S&T based interventions, using area specific resources, with goal of achieving self-reliance locally for economic re-growth.

Eligibility: The objectives are to promote area-specific natural resources and appropriate technologies for livelihood generation and social enterprise creation. This involves identifying the predominant livelihood systems for women in the area and applying science and technology-based solutions, tools, and technologies to enhance social entrepreneurship. The programme aims to demonstrate and transfer proven technologies and models at Women Technology Parks (WTPs). It seeks to generate employment opportunities for women through skill development, awareness creation, and capacity building. Additionally, it aims to study and assess the socio-economic status of women before and after project interventions.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/societal-development/women-technology-parks-wtps>

Societal Development

195. Going Global Partnerships – Industry Academia Collaborative Grant 2024-25

Funding Agency
The British Council

The Industry Academia Collaborative Grant is a part of the Going Global Partnerships programme that has been initiated by the British Council to promote collaboration between industry and academia.

The objective of the grant is to catalyse industry academia partnerships that will allow academia and industry to work in sync, prepare work ready workforce, reduce on the job training cost, and make learners more employable.

Focus Area: product / process innovation, course / module development, research, creation of knowledge, develop employable workforce, and an opportunity for learners to work on new technologies and challenging problems.

Intended Applicants: Academia and Industry

Eligibility: The grant is available to all UK and Indian Higher Education Institutions and industry applicants who would like to collaborate on a larger theme in areas like (this is an indicative list and not exhaustive) product / process innovation, course / module development, research, creation of knowledge, develop employable workforce, and an opportunity for learners to work on new technologies and challenging problems. Indian Institutions may be one of the following: Government or privately funded higher education institute, recognised by state or central governments and its institutions like UGC, AICTE, or any other competent body in India. Indian institutes of eminence, Indian institutes of national importance are encouraged to apply.

Purpose: Science Popularisation

Funding Cycle: Maximum amount of grant to be awarded is up to £30,000 for twelve months.

Application Method: Online

Fellowship / Financial Assistance: £30,000

International: (Country/Agency): UK, India

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/academia-industry-partnerships/going-global-partnerships-%E2%80%93-industry-academia-collaborative-grant-2024-25>

**Academia Industry
Partnerships**



196. Patent Acquisition and Collaborative Research & Technology Development (PACE)

Focus Area: Industries, Organizations, Academic Institutions, Universities

Funding Agency

Department of Scientific and Industrial Research (DSIR), Govt. of India

The scheme is part of DSIR-Industrial R&D Programme (IRD). The PACE scheme provides catalytic support to industries and institutions for development and demonstration of innovative product and process technologies, traversing the journey from proof of concept or laboratory stage to pilot stage, so that they can be launched for commercialization.

Intended Applicants: Industries and R & D Organisations

Eligibility: All industries registered in India, having a healthy financial track record or a promising financial health forecast, preferably those having DSIR recognized in-house R&D units; and also, for R&D organizations/ academic institutions/ universities. The R&D organization / academic institution / university for collaboration with the industry should have the requisite expertise and track record in the proposed area of research

Purpose: Innovations, Promoting Entrepreneurship

Application Method: Offline

Fellowship / Financial Assistance: The support would be generally limited to 50% of the total project cost. However, maximum amount of Government support in any single project shall generally be limited upto Rs.5.00 Crores.

Link: <https://www.dsir.gov.in/#files/12plan/pace/pace.html>

Academia Industry Partnerships

197. TDB - ICCO Partnership

Focus Area: Agricultural technologies

A partnership among Technology Development Board (TDB) and ICCO is to scout for innovative agricultural technologies, commercialize indigenous technologies and invest in companies that will exhibit the potential to double farmers' income

Programme Type: Academia Industry Partnerships

Intended Applicants: Companies

Funding Agency: Technology Development Board (TDB)

Eligibility: Commercial enterprises companies incorporated under the Companies Act, 1956 (excluding sole entrepreneur/sole proprietorship/partnership concerns) cooperatives and other agencies are eligible

Purpose: Infrastructure, Innovations

Link: <https://tdb.gov.in/icco/>

Funding Agency

**Department of Science
& Technology (DST),
Govt. of India**

**Academia Industry
Partnerships**



198. TDB-BIRAC Partnership

Focus Area: Biomedical/ Biotechnological solution

This Partnership between Biotechnology Industry Research Assistance Council (BIRAC) and Technology Development Board (TDB) is for creating and fostering a global and national ecosystem for Biomedical/ Biotechnological Innovations, Translation and Commercialization in a seamless manner.

Intended Applicants: Technology companies especially in the MSMEs/SMEs category having innovation and innovative products / services

Funding Agency

Department of Science & Technology (DST), Govt. of India

Funding Agency: Technology Development Board (TDB) and BIRAC

Eligibility: The BIRAC supported projects that need late stage funding or funding for scale-up of the technology can be seamlessly referred to TDB on successful completion. The projects submitted to TDB that require further Technology readiness and/or need early stage funding can be seamlessly referred to BIRAC

Purpose: Innovations, Research

Funding Cycle: Quarterly

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/academia-industry-partnerships/tdb-birac-partnership>

Academia Industry Partnerships

199. Industry Relevant R&D (IRRD)

Focus Area: Scientific and technological innovations

The objective of the scheme is to utilize the expertise available in academic institutions and national laboratories to solve industry specific problems.

Funding Agency

Department of Science
& Technology (DST),
Govt. of India

Intended Applicants: Academic and Industry

Funding Agency: Science and Engineering Research Board (SERB)

Eligibility: Academic partner: must hold a regular academic/research position in an academic institution or national laboratories or recognised R&D institutions. Industry Partner: All industries (including MSME & industrial R&D Centres) are eligible

Purpose: Innovations

Duration: 3 Years

Application Method: About to Revamp

Fellowship / Financial Assistance: About to Revamp

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/academia-industry-partnerships/industry-relevant-rd-irrd>

Academia Industry
Partnerships



200. TDB-CEFIPRA- Bpifrance

Focus Area: Aeronautics, Automotive, Biotechnology with special emphasis to health biotechnology

The scheme is a partnership between the Technology Development Board (TDB) and Bpifrancefinancement or Bpifrance, a public investment bank, France whose work is to carry out activities related to the exchanging of best practices and setting up of coordinated measures to foster technological exchanges and innovation, collaborations between companies, organizations and institutions of France and India

Funding Agency

Technology Development Board (TDB) and Bpifrancefinancement

Intended Applicants: Companies/ Industries/SMEs

Eligibility: Indian & French Companies/ Industries/ SMEs

Purpose: Innovations, Research

Funding Cycle: Quarterly

Duration: 3 Years

Application Method: Offline

International: (Country/Agency): India, France

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/academia-industry-partnerships/tdb-cefipra-bpifrance>

Academia Industry Partnerships

201. SEED Support scheme for STEP/TBIs

Focus Area: Science and Technology

Seed support System scheme is for Startups in Incubators to incubate innovative technological ideas and to graduate them to successful commercialization.

Funding Agency
Technology
Development Board
(TDB)

Intended Applicants: techno-entrepreneurs, Startups

Funding Agency: Technology Development Board (TDB)

Eligibility: Commercial enterprises companies incorporated under the Companies Act, 1956 (excluding sole entrepreneur/sole proprietorship/partnership concerns) cooperatives and other agencies are eligible

Purpose: Innovations, Research

Duration: 5 Years

Fellowship / Financial Assistance: Rs. 100 lakh each as grant to 36 Technology Business Incubators (TBIs) and Science & Technology Entrepreneur Park (STEPs).

Link: <https://www.indiascienceandtechnology.gov.in/funding-opportunities/startups/national-science-technology-entrepreneurship-development-board-nstedb>

Academia Industry
Partnerships

202. TDB - PHDCCI Partnership

Focus Area: Agribusiness and Food Processing, Healthcare and Pharmaceuticals, Electric Mobility, Water and Waste to Energy, Automobiles

Funding Agency

Technology Development
Board (TDB)

Technology Development Board (TDB) and PHD Chambers of Commerce and Industry (PHDCCI) partnership are to scout for emerging technologies/ technological areas of National Importance such as Agribusiness and Food Processing, Healthcare and Pharmaceuticals, Electric Mobility, Water and Waste to Energy, Automobiles and identify factors driving those. This partnership also developing policy frameworks for easy adoption of technology, upscaling, and manufacturing leading to its commercialization

Intended Applicants: Industries and companies

Funding Agency: Technology Development Board (TDB)

Eligibility: Commercial enterprises companies incorporated under the Companies Act, 1956 (excluding sole entrepreneur/sole proprietorship/partnership concerns) cooperatives and other agencies are eligible

Purpose: Innovations, Research

Link: <https://tdb.gov.in/phdcci/>

Academia Industry
Partnerships



203. TDB - WWF Partnership

Focus Area: Earth, Atmosphere and Environment Sciences

The partnership between Technology Development Board (TDB) and World Wildlife Fund (WWF) was made to establish World Wildlife Fund as an international fundraising organization to work in collaboration with existing conservation groups and bring substantial financial support to the conservation movement on a worldwide scale.

Funding Agency

Technology Development Board (TDB)

Intended Applicants: Institutions

Link: <https://tdb.gov.in/wwf/>

Academia Industry Partnerships



204. TDB - BPI-France Partnership

Focus Area: Science and Technology

The Technology Development Board (TDB), India and OSEO, France which is now merged in bpifrance, France partnered to promote technological innovation collaborations between the companies / organizations and institutions of both India and France

Intended Applicants: companies/organizations and institutions

Purpose: Innovations, Research

International: (Country/Agency): India, France

Link: <https://tdb.gov.in/mou-bpifrance-france/>

Funding Agency

**Technology
Development Board
(TDB)**

**Academia Industry
Partnerships**



205. TDB-BIRAC Partnership

Focus Area: Biomedical/ Biotechnological solution

This Partnership between Biotechnology Industry Research Assistance Council (BIRAC) and Technology Development Board (TDB) is for creating and fostering a global and national ecosystem for Biomedical/ Biotechnological Innovations, Translation and Commercialization in a seamless manner.

Intended Applicants: Technology companies especially in the MSMEs/SMEs category having innovation and innovative products / services.

Eligibility: The BIRAC supported projects that need late stage funding or funding for scale-up of the technology can be seamlessly referred to TDB on successful completion. The projects submitted to TDB that require further Technology readiness and/or need early stage funding can be seamlessly referred to BIRAC.

Purpose: Innovations, Research

Funding Cycle: Quarterly

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/academia-industry-partnerships/tdb-birac-partnership>

Funding Agency

Technology Development Board (TDB) and BIRAC

Academia Industry Partnerships

206. Industry Relevant R&D (IRRD)

Focus Area: Scientific and technological innovations

The objective of the scheme is to utilize the expertise available in academic institutions and national laboratories to solve industry specific problems

Intended Applicants: Academic and Industry

Eligibility: Academic partner: must hold a regular academic/research position in an academic institution or national laboratories or recognised R&D institutions. Industry Partner: All industries (including MSME & industrial R&D Centres) are eligible.

Purpose: Innovations

Duration: 3 Years

Application Method: About to Revamp

Fellowship / Financial Assistance: About to Revamp

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/academia-industry-partnerships/industry-relevant-rd-irrd>

Funding Agency

**Science and Engineering
Research Board (SERB)**

**Academia Industry
Partnerships**



207. Contract Research Scheme (CRS)

Contract Research Scheme (CRS) aims at validation of a process or prototype developed by the academia by the industrial partner/LLP.

Eligibility: Academia has to be the Primary Applicant with one or more partners of which at least one is a company. For Public or Private Institute, University, NGO, or Research Foundation, proper registration/accreditation from a government body is mandatory. Participating company should be registered under the Indian Companies Act, 2013 with at least 51% Indian shareholding i.e., shares of the Company should be held by Indian Citizens holding Indian passport (Indian citizens do not include Person of Indian Origin (PIO) and Overseas Citizenship of India (OCI) holders). (b). The applicant Company should have adequate in-house facility to address the project implementation (which shall be evaluated during the site visit) or incubated with any of the recognized incubation facility.

Link: https://birac.nic.in/desc_new.php?id=286

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India**

**Academia Industry
Partnerships**

208. AICTE-INAE- Distinguished Visiting Professorship Scheme

Funding Agency
Ministry of Education
(MoE), Govt. of India

The Indian National Academy of Engineering (INAE) launched a Distinguished Visiting Professorship (DVP) Scheme jointly with AICTE in 1999. The Scheme envisages promotion of industry-institute interaction by facilitating the dissemination of knowledge through the expertise of experienced and knowledgeable persons from industry to integrate their rich industrial experience with technical education. The Scheme has received very enthusiastic response from industry and engineering research institutions over the years. Since the year 2018, the scheme has also been made applicable to all retired INAE Fellows.

Eligibility:i) The Industry Experts should have a minimum graduate degree in engineering or an equivalent qualification. ii) The Age of a Distinguished Visiting Professor shall be in the range of 40 to 75 year. iii) The applicant must have minimum TEN years' experience in Industry; and the individual must have distinguished work experience, as evidenced by development of products, technology, processes, patents, publications, awards etc.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/academia-industry-partnerships/aicte-inae-distinguished-visiting-professorship-scheme>

**Academia Industry
Partnerships**

209. Biotech Urjit Cluster Scheme

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

The National Biotechnology Development Strategy (2015-2020) aims to establish India as a world-class bio-manufacturing hub by creating a technology development and translation network across the country through establishment of clusters, incubators, technology transfer centres etc. Accordingly, the Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India, is inviting proposals to establish BIOTECH URJIT CLUSTER i.e. University Research Joint Industry Translational Cluster” in the country to synergize resources between institutions, Universities research laboratories, industries and SMEs for technology & product development and building enterprises. This call addresses Indian National research laboratories focusing on life sciences in collaboration with universities, medical schools, technical institutes, industries, incubators, SMEs in the life sciences sector with a proven track-record on research, technology and product development.

Eligibility: National research laboratories focusing on life sciences in collaboration with universities, medical schools, technical institutes, industries, incubators, SMEs in the life sciences sector with a proven track-record on research, technology and product development are eligible.

Link: <https://www.icgeb.org/fellowships/arturo-falaschi-postdoctoral-fellowships-2024/>

Academia Industry
Partnerships



210. TDB-Bpifrance Partnership

Technology Development Board (TDB), India and Banque PubliqueInvestissement (Bpifrance), France signed a MoU to promote technological innovation collaborations between the companies/organizations and institutions of both India and France. The main feature of this MoU is institute exchange of information about innovation systems and areas of activities and facilitation of relations among companies, and organizations.

Funding Agency

**Technology Development
Board (TDB)**

Eligibility: Companies/organizations and institutions of both India and France.

Link: <https://tdb.gov.in/mou-bpifrance-france/>

**Academia Industry
Partnerships**



211. TDB-PHDCCI Partnership

Technology Development Board (TDB) and PHD Chambers of Commerce and Industry (PHDCCI) tie up to scout for emerging technology / technical areas of national importance such as agribusiness and food processing, health care and pharmaceuticals, electric mobility. Identify the factors driving water and waste for energy, Automobile et al. and identify those driving factors; Develop policy framework for manufacturing leading to easy adoption of technology, manufacturing, and commercialization.

Funding Agency

**Technology
Development Board
(TDB)**

Eligibility: Industries with technology-driven projects that may have social and economic implications and generate employment on an immediate, medium-term and long-term basis.

Link: <https://tdb.gov.in/phdcci/>

**Academia Industry
Partnerships**



212. TDB-TIFAC Partnership

Technology Development Board (TDB) and Technology Information Forecasting and Assessment Council (TIFAC) signed MoU to scout for innovative technologies, commercialize indigenous technologies and invest in companies commercializing those.

Eligibility: Companies with Indigenous technology.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/academia-industry-partnerships/tdb-tifac-partnership-0>

Funding Agency

**Technology Development
Board (TDB)**

**Academia Industry
Partnerships**



213. TDB-ASSOCHAM Partnership

Funding Agency
Technology Development
Board (TDB)

The Technology Development Board (TDB) and the Associated Chambers of Commerce and Industry of India (ASSOCHAM) signed a memorandum of understanding for emerging technology / technological areas of national importance such as Pharmaceuticals, Medical Devices & Diagnostics, Agriculture, Food Processing, Defence & Aerospace, Electric Mobility, and Automobiles. Both the organizations agreed to work in the close association through seminar, symposia and project-writing workshops to identify companies with prototypes technologies/technology-driven projects with the commercial outcome on immediate, medium-term and long-term basis.

Eligibility: Companies with prototypes technologies/technology-driven projects with commercial outcome on immediate, medium-term and long-term basis.

Link: <https://tdb.gov.in/assochem/>

Academia Industry
Partnerships

214. TDB-ICCO Partnership

The Technology Development Board (TDB) and ICCO signed a memorandum of understanding to scout for innovative agricultural technologies, commercialize indigenous technologies and invest in companies that will demonstrate farmers' ability to double their income. The objective of this is to achieve the twin core principles of Securing Sustainable Livelihoods in the areas of agriculture value chain and Justice and Dignity for All in India. It aims to achieve the twin core principles of sustainable livelihood in the areas of agricultural value chain.

Funding Agency

**Technology
Development Board
(TDB)**

Eligibility: Social entrepreneurship and Farmers

Link: <https://tdb.gov.in/icco/>

**Academia Industry
Partnerships**

215. TDB-BIRAC Partnership

Biotechnology Industry Research Assistance Council (BIRAC) and the Technology Development Board (TDB) signed a MoU to create and promote a global and national ecosystem for biomedical / biotechnological innovation, translation and commercialization in an intuitive way. The objective of this initiative is to bring synergy between various industry supporting organizations to "commercialize indigenously developed technologies.

Funding Agency
Technology Development
Board (TDB)

Eligibility: All Indian innovators working in Life sciences and Biotechnology.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/academia-industry-partnerships/tdb-birac-partnership-0>

Academia Industry
Partnerships



216. Technology Acquisition Fund Programme (TAFP)

Funding Agency
Department of Heavy
Industries (DHI)

Under the scheme, the funding is provided for exploring opportunities for Accelerated technology upgradation through Acquiring Technologies for specific projects and Activities. The Illustrative list of eligible activities include Technology, Energy, Efficiency, Productivity, Quality Audit, Evaluation, Assessment Studies and preparatory activities. Government grant is limited to 25% of the cost of Technology Acquisition and maximum amount shall not exceed Rs.10 crore per technology The implementing partner for the scheme is Global Innovation & Technology Alliance (GITA; <https://www.gita.org.in/>), a is a “not-for-profit” Section-8 Public Private Partnership (PPP) company promoted jointly by the Technology Development Board (TDB), Department of Science & Technology (DST), Government of India and the Confederation of Indian Industry (CII).

Eligibility: Local Industries, Industry Associations, Financial Institutions, Central or State Governments, R&D Institutions, Central / State PSUs.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/academia-industry-partnerships/technology-acquisition-fund-programme-tafp>

Academia Industry
Partnerships



217. Technology Acquisition & Development Fund (TADF)

Area: All Science Disciplines, Other Areas

Funding Agency
Department of Industrial Policy & Promotion (DIPP)

The scheme is funded by Department of Industrial Policy & Promotion (DIPP), Ministry of Commerce & Industry, Govt of India, under National Manufacturing Policy to help Indian new & existing Micro, Small & Medium Enterprises (MSMEs) to acquire Clean, Green & Energy Efficient Technologies, in form of Technology / Customized Products / Specialized Services / Patents / Industrial Design (with requisite level of proof) available in Indian or Global market.

Eligibility: All existing and new Micro, Small and Medium Enterprises (MSMEs) including those in the National Investment and Manufacturing Zones (NIMZs) in respect of their investments made after notification of the Scheme.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/academia-industry-partnerships/technology-acquisition-development-fund-tadf>

Academia Industry Partnerships



218. Technology Development Fund (TDF)

Funding Agency

**Defence Research and
Development Organisation
(DRDO), Govt. of India**

Technology Development Fund (TDF) has been established to promote self-reliance in Defence Technology as a part of the 'Make in India' initiative. It is a programme of MoD (Ministry of Defence) executed by DRDO to meet the requirements of Tri-Services, Defence Production and DRDO. The scheme encourages participation of public/private industries especially MSMEs so as to create an eco-system for enhancing cutting edge technology capability for defence application by inculcating R&D culture in industry. The implementing partner for the scheme is Global Innovation & Technology Alliance (GITA; <https://www.gita.org.in/>), a is a “not-for-profit” Section-8 Public Private Partnership (PPP) company promoted jointly by the Technology Development Board (TDB), Department of Science & Technology (DST), Government of India and the Confederation of Indian Industry (CII).

Eligibility: The applying entity shall be either one of the following: Public Limited Company, Private Limited Company, Partnership Firm, Limited Liability Partnership, One Person Company, Sole Proprietorship registered as per applicable Indian Laws. The industry has to be owned and controlled by Indian Citizen. The Industry with excess of 49% foreign investment will not be eligible. Industry shall also possess or be in the process of acquiring license/ development of products if the product/ technology under project requires license as per DIPP's licensing policy.

Link: <https://tdf.drdo.gov.in/>

**Academia Industry
Partnerships**



219. India Innovation Growth Programme (IIGP) 2.0

Funding Agency

Department of Science &
Technology (DST), Govt
of India

IIGP 2.0 is aimed at enhancing the Indian innovation ecosystem by enabling innovators and entrepreneurs through the stages of ideation, innovation and acceleration, to develop technology-based solutions for tomorrow. The programme aims to build an innovation pipeline in India through a high-impact programme focused on the social and industrial innovation ecosystem.

Eligibility: Any individual innovator, and Ideation & incubation of concepts (both industrial and social) sourced from universities across India.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/academia-industry-associations/india-innovation-growth-programme-iigp-20>

Academia Industry
Partnerships





220. Scheme for Funding Industry Relevant R&D

Funding Agency
Science and Engineering
Research Board (SERB)

The scheme has been initiated to cater to the needs of the other backward classes (OBC) candidates of the society and to provide them opportunity for undertaking advanced studies and research. The objective of this award is to provide financial assistance in the form of fellowships to unemployed students belonging to OBC to pursue higher studies leading to M.Phil and Ph.D degrees (full-time) in Sciences, Humanities and Social Sciences and Engineering & Technology. The number of slots are 300 every year and selection is merit-based. There is a provision of 3% reservation of slots for providing fellowships to Persons with Disability (PwD) belonging to OBC category.

Eligibility: i) The candidate should belong to OBC and should have passed the Post Graduate examination in concerned subject

ii)) The candidate should be already registered for M.Phil./Ph.D. (full-time) in recognised Universities/Institutions/ Colleges in India iii) The annual income of the beneficiary/parents or guardian of the beneficiary should not exceed Rs. 6 Lakh per annum from all sources.

Fellowship amount: For JRF/SRF, it is Rs.25000/28000 p.m. plus House Rent Allowance (HRA) as per norms. The Contingency amount is Rs.10000 p.a. for initial two yrs and subsequently Rs.20500 p.a. for Humanities & Social Sciences while Rs.12000 and Rs.25000 in the respective categories for Science. The Fellowship will be effective from 1st April of the selection year or the actual date of joining, whichever is later. The tenure of the fellowship is upto 5 yrs or the date of submission of Ph.D. Thesis, whichever earlier. Continuation of the fellowship every year for selected candidates is based on satisfactory performance as certified by the competent authorities.

Academia Industry
Partnerships

Link: <https://www.indiascienceandtechnology.gov.in/funding-opportunities/startups/scheme-funding-industry-relevant-rd>



221. Scientific Infrastructure Access for Harnessing Academia University Research Joint Collaboration (SAHAJ)

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

The scheme is intended to provide infrastructure to Research Institutes, Universities, Colleges, Start-ups and Entrepreneurs. Under the scheme, all DBT Autonomous Institutes and DBT supported Infrastructure programmes in other institutions will make available their high end equipment and infrastructure to these academic, industrial and individual entities.

Eligibility: All Research Institutes, Universities, Colleges and Start-ups & Entrepreneurs.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/academia-industry-partnerships/scientific-infrastructure-access-harnessing-academia-university-research-joint-collaboration-sahaj>

Academia Industry
Partnerships





222. BIRAC-Wellcome Trust Partnership

The objective of this initiative is to fund translational research projects to deliver safe and effective healthcare products for India at affordable costs through collaborative research. This scheme is open for all biotechnology entrepreneurs. In this, BIRAC has collaborated with Wellcome Trust, a global charity organization of UK to scout and support innovations in translational medicine.

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

Eligibility: All Biotechnology entrepreneurs.

Link: https://birac.nic.in/desc_new.php?id=101

Academia Industry
Partnerships



223. Innovate in India (i3) under National Biopharma Mission

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

The programme aims to make India a hub for development of affordable & effective biopharmaceutical products and aspires to create an enabling ecosystem to promote entrepreneurship and indigenous manufacturing in the sector. Launched in 2017, in collaboration with World Bank, it is meant for all biopharmaceutical entrepreneurs and will accelerate discovery research to early development for Biopharmaceuticals.

Eligibility: All Biopharmaceutical entrepreneurs.

Link: https://birac.nic.in/desc_new.php?id=295

Academia Industry
Partnerships





224. International S&T Cooperation

Focus Area: Science and Technology

The International Cooperation Division of DST has the mandated responsibility of (i) Negotiating, concluding, and implementing Science, Technology, and Innovation (STI) Agreements between India and other countries; (ii) Providing interventions on STI aspects in international forums. The International Cooperation in STI has three divisions (i) Bilateral Cooperation with developed and developing countries; (ii) Multilateral & Regional Cooperation; and (iii) Thematic Cooperation

Intended Applicants: S&T Counselors at Germany, Japan, Russia and USA, stakeholders in scientific, technological & academic institutions, concerned governmental agencies and with various industry associations in India.

Funding Agency: Department of Science & Technology (DST), Govt. of India.

Purpose: Innovations, Research

Link: <https://dst.gov.in/international-st-cooperation>

Funding Agency

Department of Science & Technology (DST), Govt of India

International Programmes

225. DBT-Wellcome Trust Alliance

Area: Science & Technology, Engineering Sciences, Other Areas

The Department of Biotechnology has partnered with Wellcome Trust (WT), which is a London-based “global charitable foundation dedicated to achieving extraordinary improvements in health by supporting the brightest minds”. Four categories of fellowships are awarded every year, namely (i) 40 Early-career fellowships (with one year post-doctoral experience), (ii) 20 Intermediate fellowships (with 3-6 years of post-doctoral experience), (iii) 10 Senior Fellowships, and (iv) Margdarshi fellowships.

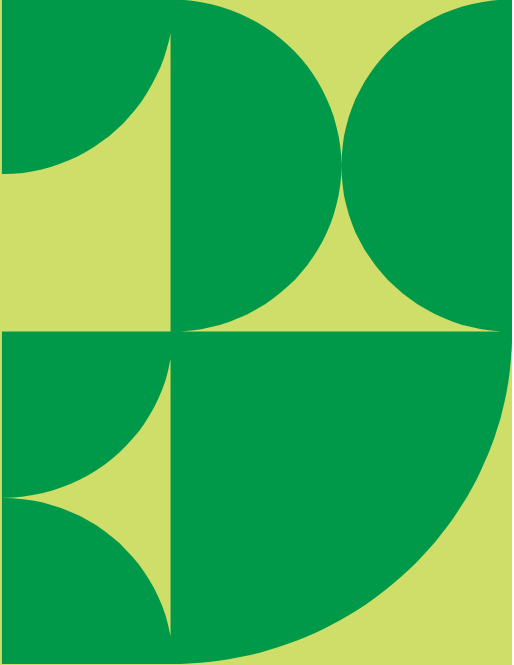
Eligibility: The fellowships are open to all Indians working outside of India and within India. The fellowships are also open to non-Indians willing to work in India.

Link: <https://dbtindia.gov.in/schemes-programmes/building-capacities/building-critical-mass-science-leaders/dbt-wellcome-trust>

Funding Agency

Department of
Biotechnology (DBT)

International Programmes



226. DBT-BMGF (Bill & Melinda Gates Foundation)

MoU has been signed between DBT and Bill & Melinda Gates Foundation to address global health & development needs in developing countries. The projects / initiatives would be jointly funded by DBT & BMGF.

Eligibility: Faculties and scientists of any university or organization.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/international/dbt-bmgf-bill-melinda-gates-foundation>

Funding Agency

**Department of Biotechnology
(DBT)**

International Programmes





227. European Union

Department of Biotechnology (DBT) is partnering with EU through the framework of ERA-NET as well as India specific ERA-NET called New Indigo. After successful completion of New Indigo, DBT is partnering with India specific ERA NET called INNO Indigo. India has partnered recently in INFECT-ERA NET as well as Indigo Policy. Four projects large multi-partner multi-country networked ongoing projects within ERA NET framework and 17 projects under new Indigo ERA-NET.

Funding Agency

Department of Biotechnology
(DBT)

Eligibility: Faculties and scientists of any university or organization.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/international/european-union>

International Programmes

228. DBT-Crest Award

In keeping with the advancement of global networks for the development of science and the Department's priority toward capacity building in human resources, the DBT Cutting-edge Research Enhancement and Scientific Training Award (DBT-CREST Award) provides fellowships to researchers for advanced scientific training abroad. Every year, approximately 50 fellowships are awarded, including to those from the north Indian state of Jammu & Kashmir. Institutions or scientists interested in the above programme may submit their proposals / applications as and when the Department issues call for a particular programme(s).

Eligibility: Faculties and scientists of any university or organization.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/international/dbt-crest-award>

Funding Agency

Department of
Biotechnology (DBT)

International Programmes



229. Biotechnology Entrepreneurship Student Teams (BEST)

BEST-India is a programme aimed at encouraging young postgraduates and doctoral students in developing biotechnology entrepreneurship by exposing them to issues involved in commercialisation of bioscience. The BEST programme initiated for encouraging innovation and enterprise in students has yielded in six start-up companies by the winning teams

Eligibility: Faculties and scientists of any university or organization.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/post-graduation-phd/biotechnology-entrepreneurship-student-teams-best>

Funding Agency

**Department of Biotechnology
(DBT)**

International Programmes





230. Vigyan Jyoti

Focus Area: Science, Technology, Engineering, Mathematics

Vigyan Jyoti scheme aims to address the underrepresentation of women in different fields of Science, Technology, Engineering and Mathematics (STEM) in the country. As a first step, the “Vigyan Jyoti” has been introduced at the school level wherein meritorious girl students of Class 9-12 are being encouraged to pursue higher education and career in STEM fields. The scheme envisages hand-holding and interventions right from the school level, that is from Class IX and continues till the PhD level to encourage girls to pursue a career in underrepresented areas of STEM. Various activities such as science camps, special lectures/ classes, counselling of students and parents, interaction with role models, tinkering activities, visit to Knowledge Partners/ Research Labs/ Industries/ NGOs are being conducted in the programme in order to motivate girls.

Intended Applicants: School, Under Graduation, Post Graduation, PhD.

Eligibility: All girl students studying in class 9th or above who are planning to pursue career in any of STEM fields.

Purpose: Capacity Building, Research

Funding Cycle: Annual

Duration: From High School to Post-doc.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/vigyan-jyoti>

Funding Agency

Department of Science & Technology (DST), Govt. of India

**Human Resource
And Development**



231. Program for development of skilled workforce in Earth system sciences (DESK)

Focus Area: Earth Atmosphere & Environment Sciences

Program for development of skilled workforce in Earth system sciences (DESK) is aimed to be a centralized training facility which will pool resources, infrastructure and faculty, thereby reducing the cost than having separate training programs. It is coordinated by the Indian Institute of Tropical Meteorology (IITM), Pune.

Purpose: Capacity Building, Conference.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/program-development-skilled-workforce-earth-system-sciences-desk>

Funding Agency
Ministry of Earth
Sciences (MoES)

Human Resource
And Development



232. International Training Centre for Operational Oceanography (ITCOcean)

Focus Area: Earth Atmosphere & Environment Sciences

International Training Centre for Operational Oceanography (ITCOcean) scheme's aims to promote the development and optimization of scientific base, technology and information system for operational oceanography at national, regional and global scales. It supports capacity building in the field of operational oceanography for the Indian Ocean Rim (IOR) countries and islands region, and Africa. The trained workforce through ITCOcean would help in translating the results and findings in ocean science to real-time use by the community, including fisherfolk, shipping industries, ports and harbours, oil and natural gas industries, disaster management agencies, etc., in an efficient manner. It will also contribute to forming valuable assets for induction in oceanography- and earth science- related institutions.

Intended Applicants: Faculty and Scientist, Policy makers, Students

Purpose: Capacity Building, Conference

International: (Country/Agency): UNESCO.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/international-training-centre-operational-oceanography-itcoocean>

Funding Agency

Ministry of Earth Sciences
(MoES)

Human Resource
And Development



233. Outreach and awareness

Focus Area: Earth Atmosphere & Environment Sciences

The objective of the outreach and awareness programme is to propagate earth science and enhance awareness about the Earth, atmosphere and ocean sciences.

Funding Agency

**Ministry of Earth Sciences
(MoES)**

Intended Applicants: Public, Students, Academicians, and user communities

Purpose: Capacity Building, Conference.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/outreach-and-awareness>

**Human Resource
And Development**

234. ANRF- National Post Doctoral Fellowship (N-PDF)

Focus Area: Astronomy & Space Sciences

Funding Agency
Department of Space
(DoS)

The ISRO young scientist programme has been started, with the broad objective of imparting basic knowledge of space technology, space science and space applications to younger ones. The programme includes 2 weeks residential training, involving 4 centers of ISRO viz. VSSC, URSC, SAC and NESAC and a visit to SDSC, SHAR as a part of the programme. The schedule will include invited talks, experience sharing by the eminent scientists, experimental demonstration, facility and lab visits, exclusive sessions for discussions with experts, practical and feedback sessions

Intended Applicants: School Students

Eligibility: Student studying in class IX in a school located within the territory of India.

Purpose: Capacity Building

Application Method: Online

Fellowship / Financial Assistance: Expenditure towards the travel of student (II AC fare by train from nearest Rly Station to the reporting centre and back), course material, lodging and boarding etc., during the entire course will be borne by ISRO.

Link: <https://www.indiasciencetechnology.gov.in/nurturing-minds/scholarships/post-doctoral/anrf-national-post-doctoral-fellowship-n-pdf>

Human Resource
And Development

235. ICMR-DHR

International Fellowship Programme For Indian Biomedical Scientists

Focus Area: Medical Research, Life Science and Biotechnology

Funding Agency

Indian Council of Medical Research (ICMR), Govt. of India

This international fellowship programme is intended to create a pool of talented health research personnel by facilitating advanced training and exposure to the latest advancements in knowledge through interaction with the international scientists in their respective field of work.

Intended Applicants: Health Practitioners and Researchers

Eligibility: The applicant should possess an M.D/M.S/Ph.D degree (M.D./ M.S./ M.D.S. or MBBS/BDS/ MVSc./ M.Sc./M.Pharma/M.Tech or equivalent with Ph.D. in health / biomedical research)

Purpose: Capacity Building

Duration: 15 Days to 1 Year

Fellowship / Financial Assistance: US\$ 3000 per month

Link: <https://www.icmr.gov.in/icmr-international-fellowship-programme-for-indian-biomedical-scientists>

**Human Resource
And Development**



236. ICMR International Fellowship Programme For Biomedical Scientists From Developing Countries

Focus Area: Medical Research, Life Science and Biotechnology

Funding Agency

Indian Council of Medical Research (ICMR), Govt. of India

The objective of this scheme is that India can take a lead in sharing and offering opportunities to scientists from developing countries to come and work in Indian institutes/laboratories.

Intended Applicants: Health Practitioners and Researchers

Eligibility: The applicant should possess a minimum qualification of MBBS/M.Sc (life sciences). Age Preferably below 45 years.

Purpose: Capacity Building

Duration: 1 Months to 6 Months

Application Method: Offline

Fellowship / Financial Assistance: Rs.2500/- per day.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/faculty-and-scientists/icmr-international-fellowship-biomedical-scientists-developing-countries>

**Human Resource
And Development**

237. ICMR Nurturing Clinical Scientists Scheme

**Focus Area: Medical Research, Life Science and
Biotechnology**

Funding Agency
**Indian Council of
Medical Research
(ICMR), Govt. of India**

The focus of this scheme is to foster high-quality research opportunities for fresh MBBS/BDS candidates, within two years of completing their degrees in the cutting edge areas, fundamental Basic/Clinical Research incommunicable and non-communicable diseases, and reproductive health including nutrition, etc. at MCI/DCI recognized medical colleges/ICMR network of Institutes/Centers, among others. In this scheme is Special focus will be on fundamental research in areas of health research and other priority areas.

Intended Applicants: Graduate and Post Graduate

Eligibility: MBBS/BDS candidates within two years of completing their degree from MCI/DCI recognized medical/dental colleges, passing all MBBS/BDS examination in the first attempt with 60% or more aggregate marks.

Purpose: Research

Funding Cycle: Annually

Duration: Three years (2+1) or submission of Ph.D. thesis (whichever is earlier).

Application Method: Offline

Fellowship / Financial Assistance: Rs. One lakh per month only, (No HRA) and research contingency of Rs. three lakhs for three years (Rs. 1.00 lakh per year to be utilized for research work).

Link: <https://main.icmr.nic.in/content/nurturing-clinical-scientists-scheme>

**Human Resource
And Development**



238. Global Initiative for Academic Networks (GIAN) in Higher Education

Focus Area: Science and Technology

Funding Agency

Ministry of Education (MoE), Govt. of India

The Global Initiative for Academic Networks (GIAN) initiative of MHRD aims 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.

Intended Applicants: Faculty & Scientist, Entrepreneurs

Eligibility: Foreign Faculty/Scientists / Academicians are eligible to apply

Purpose: Innovations, Research.

Link: <https://www.icmr.gov.in/nurturing-clinical-scientists-scheme>

**Human Resource
And Development**





239. Information Technology and e-Governance (IT-eG)

Funding Agency

Department of Scientific and Industrial Research (DSIR), Govt. of India

The scheme is part of DSIR-Industrial R&D Programme (IRD). Information Technology and e-Governance (IT-eG) primarily aims to convert the existing procedures and processes into citizen centered, IT-eG division keeps implementing e-Governance in the Department progressively in conformance to the National eGovernance Action Plan.

Intended Applicants: General citizen

Purpose: Capacity Building, Infrastructure

Link: <https://www.dsir.gov.in/>

Human Resource
And Development

240. CSIR Partial Financial Assistance scheme

Focus Area: Science & Technology

The Scheme is aimed at providing Partial Financial Assistance (PFA) to Indian regular employees (NON-CSIR) for participation in International Scientific Events such as Conference, Seminar, Symposium, Workshop, etc. abroad.

Eligibility: Applicant should be regular Non-CSIR employee (Faculty, Research Scientist, etc.) engaged in research and development activities at recognized Research/Academic/Educational institution/organization. Scientist below the age of 50 years would be accorded preference. Minimum educational qualification is Post Graduation in Science or Bachelor degree in Engineering/ Technology / Medicine or equivalent qualification from a recognized University/ institution. Applicant should not have availed financial assistance for travel support from CSIR in the last 3 years and should have published papers in refereed journals in the last 5 years. Applicant should have an accepted paper for presentation as a single or lead author or has received invitation to chair a session or as a Keynote Speaker at the event.

Purpose: Capacity Building, Conference

Application Method: Offline.

Link: <https://csirhrdg.res.in/Home/Index/1/Default1769/113>

Funding Agency

Council of Scientific &
Industrial Research
(CSIR)

Human Resource
And Development

241. Symposium Grants

Focus Area: Science & Technology

Under the Scheme, financial assistance is provided to Universities, Academic institutions, Colleges, Government Departments, registered societies to organize scientific events such as Symposia/ Seminars/ Conferences/ Workshops or any other similar scientific activity that provides platform/forum to professionals, scientists, research and educational institutions to share knowledge and experience in various fields of Science and Technology

Intended Applicants: Professionals, Scientists, Research and Educational Institutions.

Eligibility: Faculty or scientists working in Government of India recognized institutions in the area of scientific education or research (recognition should be by statutory bodies for scientific or technical fields such as UGC, DSIR, MCI or AICTE, etc.). Any Registered All India Society/Association/Voluntary/Professional organisation/Trust with proven credentials and experience and registered under Societies Registration/Other relevant Act having a minimum 3 years of audited accounts.

Purpose: Capacity Building, Conference

Application Method: Offline.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/symposium-grants>

Funding Agency

Council of Scientific & Industrial Research (CSIR)

Human Resource
And Development



242. CSIR Travel Grant Schemefline

Focus Area: Science & Technology

Funding Agency

**Council of Scientific &
Industrial Research (CSIR)**

The Scheme is aimed at providing financial assistance to Young Indian Researchers, Emeritus Scientists and non-regular researchers for participation / presenting their research papers in international Scientific Events such as conferences/ Seminars/ Symposia/ Workshops/ Short-term School/ courses/ training programs.

Intended Applicants: Ph.D. Students, Research Associates, resident Doctors, Scientist.

Eligibility: Applicant should be an active Young Indian Researcher (Ph.D. Student, Research Associate, resident & Doctor, etc.) and Emeritus Scientist / other non-regular researcher engaged in research and development. Minimum educational qualification should be Post Graduate in Science or Bachelor degree in Engineering/Technology/ medicine or equivalent qualification from recognized university / institution. The Applicant should not have availed financial assistance for travel support from CSIR in the last 3 years and should have published paper(s) in refereed journals. He/She should have an accepted paper for presentation as a single or lead author or has received invitation to chair a session or as a Keynote Speaker at the event.

Purpose: Capacity Building, Conference, Travel

Application Method: Offline.

**Human Resource
And Development**

Link: <https://csirhrdg.res.in/Home/Index/1/InPage/51/14>

243. Junior Research Fellowships (JRF through CSIR-UGC NET)

Focus Area: Chemical Sciences, Earth, Atmosphere, Ocean and Planetary Sciences, Life Sciences, Mathematical Sciences, Physical Sciences

Funding Agency
Council of Scientific & Industrial Research (CSIR)

The Council of Scientific & Industrial Research (CSIR) provide CSIR Research Fellowships and Associateships to bright young men and women for training in methods of research under the expert guidance of faculty members/ scientists working in University Departments/Institutes of National Importance/National Laboratories and Institutes of CSIR in various fields of Science & Technology and Medical Sciences.

Intended Applicants: Graduate, Post Graduate.

Eligibility: 1. Candidates holding BS-4 years program/BE/B. Tech/B. Pharma/MBBS/ Integrated BS-MS/M.Sc. or Equivalent degree/BSc (Hons) or equivalent degree holders or students enrolled in integrated MS-Ph.D program with at least 55% marks for General & OBC (50% for SC/ST candidates, Physically and Visually handicapped candidates) after qualifying the National Eligibility Test (NET) conducted by CSIR twice a year June and December. 2. Candidates with bachelor's degree, whether Science, engineering or any other discipline, will be eligible for fellowship only after getting registered/enrolled for Ph.D/integrated Ph.D. programme within the validity period of two years. 3. Candidate enrolled for M.Sc. or having completed 10+2+3 years of the above qualifying examination are also eligible to apply in the above subject under the Result Awaited (RA) category.

Purpose: Innovations, Research

Funding Cycle: Biannual

Duration: 2 Years

Application Method: Online

Fellowship / Financial Assistance: Rs 31,000/ p.m+HRA.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/junior-research-fellowships-jrf-through-csir-ugc-net>

**Human Resource
And Development**



244. Orientation Course for Engineering Graduates and Science Postgraduates (OCES)

Focus Area: Nuclear Sciences; Energy Sciences

Funding Agency

Department of Atomic Energy (DAE), Govt. of India

OCES is the flagship program of the BARC Training Schools for Engineering Graduates and Science Postgraduates. The Training Program aims to ensure that the Trainee Scientific Officers (TSOs) are provided with the necessary facilities and opportunities to acquire knowledge and develop skills in R&D pertaining to Nuclear Science & Technology. The course comprises of foundation, core, advanced and elective courses, mini-projects etc. in several disciplines. The OCES program is recognized for the award of Post-Graduate Diploma and as course work for the award of M.Tech./M.Phil./Ph.D. degree of the Homi Bhabha National Institute (HBNI).

Intended Applicants: Engineering Graduates and Science Postgraduates.

Eligibility: Candidate must have B.E. / B.Tech / B.Sc / 5-year Integrated M.Tech. with a minimum of 60% aggregate marks and valid GATE score.

Purpose: Capacity Building

Duration: 1 year

Application Method: Online

Fellowship / Financial Assistance: 56,100 per month

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/orientation-course-engineering-graduates-and-science-postgraduates-oces>

Human Resource and Development

245. DAE Young Scientist Research Award

Focus Area: Energy Sciences; Nuclear Sciences

Funding Agency

**Department of Atomic
Energy (DAE), Govt. of
India**

The main objective of the scheme is to encourage young scientists in the initial years of settling down in their career. Highly qualified young scientists are provided with the necessary grants for research in setting up their first laboratories. The scheme is particularly aimed at NRI scientists willing to return to the country.

Intended Applicants: Scientists and Engineers

Eligibility: Scientists / Engineers working in universities, academic institutions of higher learning having a regular position.

Purpose: Awards

Funding Cycle: throughout the year

Duration: 3 years

Application Method: Online

Fellowship / Financial Assistance: maximum research grant of Rs. 35.00 lakhs in a block of three years.

Link: https://brns.res.in/brns_rp.php

**Human Resource
And Development**



246. Biotechnology Labs in Senior Secondary schools (BLISS) of NER

Focus Area: Life Science and Biotechnology

Funding Agency

Department of Biotechnology (DBT), Govt. of India

DBT has initiated this scheme for establishing “Biotechnology Labs in Senior Secondary schools (BLISS)” in NER. The BLISS program has strengthened the practical teaching within the schools by imparting excellent practical training for their students as per their syllabus in class 11th and 12th.

Intended Applicants: School

Purpose: Capacity Building.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/biotechnology-labs-senior-secondary-schools-bliss-ner>

**Human Resource
And Development**

247. National Programme for Training of Scientists & Technologists working in Govt. Sector

Focus Area: Science and Technology

Funding Agency
**Department of Science
& Technology (DST),
Govt. of India)**

National Programme for Training of Scientists & Technologists working in Govt. Sector is a program made for providing training to Scientists/Technologists. For the purpose of training under the scheme, Scientists have been classified into three groups: 1. Junior 0 to 9 years of service in Group 'A' Scientists B & C and equivalent 2. Middle 9 to 21 years of service in Group 'A' Scientists D,E & F and equivalent 3. Senior 21 years and above service in Group 'A' Scientist G & above and equivalent".

Intended Applicants: Scientists and Technologists

Eligibility: Scientists/Technologists holding scientific posts / working in the Scientific Department/Ministries of Govt. of India and State Governments, Autonomous Institutions, Public Sector Undertakings of Central / State Governments, Research and Development Institutions/ Research Laboratories of Central / State Governments, Central / State Universities, State Science & Technology Councils

Purpose: Capacity Building

Application Method: Online.

Link: <https://dst.gov.in/science-and-technology-training-cell>

**Human Resource
And Development**



248. SN Bose Scholars Program

Focus Area: Atmospheric and Earth Sciences; Chemical Sciences; Engineering Sciences; Mathematical and Computational Sciences; and, Physical Sciences

S.N. Bose Scholars Programme is a dynamic student exchange program developed in partnership with Indo-U.S. Science and Technology Forum (IUSSTF) and WINStep Forward, USA. It provides an opportunity to Indian and U.S. students to undertake a research internship.

Funding Agency

Science and Engineering Research Board (SERB), WINStep Forward, USA

Intended Applicants: Graduation, Post graduation

Eligibility: Indian citizens currently pursuing a Bachelors or Masters' degree at a recognized institution of higher education and learning in India. US Citizen-Students pursuing a Bachelor's or Master's degree at an accredited institution of higher education in the United States.

Purpose: Capacity Building

Funding Cycle: Annual

Duration: 10-12 weeks

Application Method: Online

Fellowship / Financial Assistance: Stipend (US \$ 2000), Health Insurance and Air-fare to the Indian Scholars; and Scholars from US will receive US dollar equivalent of Rs. 50,000/- as Stipend.

International: (Country/Agency): India, USA.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/sn-bose-scholars-program>

Human Resource
And Development

249. International Travel Support (ITS)

Focus Area: Science R&D

International Travel Support (ITS) Scheme provides financial assistance to Indian researchers for presenting a research paper in an international scientific event (conference, seminar, workshop etc.) held abroad. In addition, support is also provided to young scientists (age limit below 35 years as on date of start of the event) for attending training programmes, Short-term schools and Workshops.

Intended Applicants: Researchers and Young scientists

Eligibility: Applicant should be Indian researcher engaged in R&D work in recognized academic institutions or research laboratories in India (Age < 35 Years) or have an invitation for presenting an original scientific paper. The applicant should not have availed financial assistance under this Scheme during the last three years.

Purpose: Capacity Building, Research

Duration: 3 Years

Application Method: Online

Link: <https://www.anrfonline.in/ANRF/its>

Funding Agency

Science and
Engineering
Research Board
(SERB)

Human Resource
And Development

250. Assistance to Professional Bodies & Seminars/Symposia

Focus Area: All Scientific research

Funding Agency

Science and Engineering Research Board (SERB)

The Programme extends partial support on a selective basis, for organizing seminar / symposia/ training programmes / workshops / conferences at national as well as international level.

Intended Applicants: Young scientists and Research workers

Eligibility: For professional bodies, financial support is provided only for the publication of journal. This support is not available for any other activities of the professional body. For seminar/ symposia financial support, any academic institutions, research laboratories, professional bodies and other non-profit organizations engaged in promoting scientific research, are eligible.

Purpose: Conference.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/assistance-professional-bodies-seminarssymposia>

Human Resource
And Development



251. Science & Technology Entrepreneurship Park (STEP)

Area: All Science Disciplines

Funding Agency
**National Science and
Technology
Entrepreneurship
Development Board
(NSTEDB), Department of
Science & Technology
(DST), Govt. of India**

The Science & Technology Entrepreneurs Park (STEP) programme was initiated to provide a re-orientation in the approach to innovation and entrepreneurship involving education, training, research, finance, management and the government. A STEP creates the necessary climate for innovation, information exchange, sharing of experience and facilities and opening new avenues for students, teachers, researchers and industrial managers to grow in a trans-disciplinary culture, each understanding and depending on the other's inputs for starting a successful economic venture. The objectives of STEP are to forge linkages among academic and R&D institutions on one hand and the industry on the other and also promote innovative enterprise through S&T persons

Intended Applicants: Academic institutions and Industries.

Purpose: Capacity Building, Research.

Link: <https://www.nstedb.com/institutional/step.htm>

**Human Resource
And Development**



252. NewGen Innovation and Entrepreneurship Development Centre (NewGen IEDC)

Focus Area: Techno-entrepreneurship

The objective of this NewGen Innovation and Entrepreneurship Development Centre (NewGen IEDC) program is to channelize the knowledge and the energy of youth towards becoming active partners in the economic development process and to catalyze and promote the development of knowledge-based and innovation-driven enterprises and promote employment opportunities amongst youth especially students.

Funding Agency
National Science and Technology Entrepreneurship Development Board (NSTEDB), Department of Science & Technology (DST), Govt. of India

Intended Applicants: Educational institutions

Eligibility: The institution should be a University/Deemed University or an Institute/College offering Engineering, Technology, Science courses at degree level for at least 5 years

Purpose: Capacity Building

Duration: 1 Years

Application Method: Offline

Link: <https://www.nstedb.com/institutional/edc.htm>

Human Resource and Development





253. Technology Based Entrepreneurship Development Programme (TEDP)

Focus Area: Environment Science, Engineering Science, Computer Science and Information Technology, Medical Science, Material Science

TEDP is a structured training programme of 6-weeks duration designed to motivate and develop entrepreneurs in specific products / technologies / processes developed by CSIR labs, R&D institutions, universities etc.

Intended Applicants: Entrepreneurs

Eligibility: Entrepreneurs

Purpose: Capacity Building

Application Method: Offline

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/technology-based-entrepreneurship-development-programme-tedp>

Funding Agency

**National Science and
Technology
Entrepreneurship
Development Board
(NSTEDB), Department of
Science & Technology
(DST), Govt. of India**

**Human Resource
And Development**





254. Entrepreneurship Development Programme (EDP)

Focus Area: Science and Technology

Funding Agency
**National Science and
Technology
Entrepreneurship
Development Board
(NSTEDB), Department of
Science & Technology
(DST), Govt. of India**

Entrepreneurship Development Programme (EDP) training program aims at training the S&T graduates and the diploma holders in the essentials of conceiving, planning, initiating and launching an economic activity or an enterprise successfully.

Intended Applicants: Under Graduate Students

Eligibility: Possessing Degree in any branch of Science, Diploma in any branch of Engineering / Technology

Purpose: Capacity Building

Application Method: Offline

Link: <https://www.nstedb.com/training/edp.htm>

**Human Resource
And Development**

255. Faculty Development Programme (FDP)

Focus Area: Science and Engineering

Faculty Development Programme (FDP) Program aims at equipping teachers with skills and knowledge that are essential for inculcating entrepreneurial values in students and guiding and monitoring their progress towards entrepreneurial career.

Intended Applicants: Faculty and Scientists

Eligibility: Institutes / organisation engaged in entrepreneurship training having vast experience in the field of entrepreneurship development. The organisation should have in-house training experts for conducting FDPs

Purpose: Capacity Building

Application Method: Offline.

Link: <https://www.nstedb.com/training/fdp.htm>

Funding Agency

National Science and
Technology
Entrepreneurship
Development Board
(NSTEDB),
Department of
Science & Technology
(DST), Govt. of India

Human Resource
And Development

256. Entrepreneurship Awareness Camp (EAC)

Focus Area: Entrepreneurship

Entrepreneurship Awareness Camp (EAC) training program objective is to create awareness among faculty and students of Engineering and Science courses about various facets of entrepreneurship as an alternative career option as also to highlight the merits of pursuing such an option. Each Camp is of 3 days duration and conducted in the premises of an academic institution

Intended Applicants: Science & Technology final year degree/diploma students

Eligibility: Science and Technology graduates/diploma holders or those who are doing their final year diploma/degree in engineering/technology/science

Purpose: Capacity Building

Application Method: Offline

Link: <https://www.nstedb.com/training/eac.htm>

Funding Agency

National Science and
Technology
Entrepreneurship
Development Board
(NSTEDB), Department of
Science & Technology
(DST), Govt. of India

Human Resource
and Development



257. National Teacher's Science Congress

Focus Area: Science and Technology

Funding Agency

Department of Science & Technology (DST), Govt. of India

National Teacher's Science Congress aims at providing a platform to the science and mathematics teachers /educators to communicate their ideas, share new experiments in teaching methodology, science education and enhance their level of scientific awareness.

Intended Applicants: Youth, Scientist, Faculty

Eligibility: School teachers of upper primary, secondary and higher secondary levels and Educators of vocational/open schools, teacher educators, DIET faculty, science educators/communicators, B.Ed/M.Ed students, researchers and scientists.

Purpose: Capacity Building

Application Method: Offline.

Link: <https://dst.gov.in/scientific-programmes/st-and-socio-economic-development/national-council-science-technology-communication-ncstc>

**Human Resource
And Development**

258. National Children's Science Congress

Focus Area: Science and Technology

Funding Agency

**Department of
Science & Technology
(DST), Govt. of India**

The objective of National Children's Science Congress programme is to exhibit creativity and innovativeness, more particularly to solve a societal problem experienced locally using methods of science by the school children. It is open to children of the age group from 10-17 years covering all background either school going or out of school system, belonging to geographic, language and cultural regimes across the country and open to all children including children with disabilities.

Intended Applicants: School student

Eligibility: Children in the age of 10-17 years

Purpose: Capacity Building

Application Method: Online.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/national-children%E2%80%99s-science-congress>

**Human Resource
And Development**

259. Science Olympiad Programme

Focus Area: Mathematics and Sciences, Astronomy

Science Olympiad program aim at promoting excellence in Science and Mathematics among pre-university students.

Intended Applicants: Pre-university students

Eligibility: All students of Class XII or below (science stream) are eligible

Purpose: Capacity Building

Funding Cycle: Annually

Application Method: Online.

Link: <https://dst.gov.in/scientific-programmes/scientific-engineering-research/science-olympiad-programme>

Funding Agency

Department of Science & Technology (DST), Govt. of India

Human Resource
And Development



260. Mission eco NEXT - Initiatives

Focus Area: Environmental Science

The 'eco NEXT' initiatives are driven by S&T Communication skills centered upon transdisciplinary, knowledge critical domains like eco-media, eco-design, eco-innovation & eco-cultures.

Funding Agency

**Department of Science
& Technology (DST),
Govt. of India**

Intended Applicants: Youth & Community

Purpose: Capacity Building.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/mission-eco-next-initiatives>

**Human Resource
And Development**

261. Kishore Vaigyanik Protsahan Yojana (KVPY)

Focus Area: Basic Sciences

Kishore Vaigyanik Protsahan Yojana (KVPY) is an on-going National Programme to provide Mentorship and Scholarship support to pursue study in Basic Sciences. The objectives of the program are to identify students with talent and aptitude for research, help them realize their potential in their studies, encourage them to take up research careers in science and ensure the growth of the best scientific minds for research and development in the country. The KVPY Program enrolls students starting from Class XI standards (science subjects) and operates in 3 streams i.e. stream SA, Stream SX and Stream SB.

Intended Applicants: School student, undergraduate student

Eligibility: Students enrolled in XII Standard (Science Subjects) during the academic year and aspiring to join undergraduate program in Basic Sciences (B.Sc./B.S./B. Stat./B. Math./ Int. M.Sc./ Int. M.S.)

Purpose: Awards, Innovations, Research

Funding Cycle: Annually

Duration: 5 years or pre-PHD which is earlier

Application Method: Online

Fellowship / Financial Assistance: Rs. 5,000/- to Rs.7,000/- Per Month.

Link:

<https://www.indiascienceandtechnology.gov.in/programm-e-schemes/human-resource-and-development/kishore-vaigyanik-protshahan-yojana-kvpy>

Funding Agency

Department of Science
& Technology (DST),
Govt. of India

Human Resource
And Development

262. Students Innovations for Advancement of Research Explorations (SITARE)

Focus Area: Biotechnology

Students Innovations for Translation & Advancement of Research Explorations (SITARE) Scheme is aimed at supporting innovative student projects in the area of biotechnology. The scheme's mandate is to promote and encourage young students for embracing translational research (defined under Section 4) to develop innovative products and technologies addressing unmet needs. The scheme has two components: SITARE-Gandhian Young Technological Innovation Award Grant (SITARE-GYTI) and SITARE-Appreciation Grant.

Intended Applicants: Undergraduate, Master, PHD

Eligibility: SITARE-Gandhian Young Technological Innovation Award Grant (SITARE-GYTI): Student pursuing Ph.D/Masters in any discipline SITARE-Appreciation Grant: Students pursuing Bachelors programme in any discipline.

Purpose: Innovations

Funding Cycle: Annual

Application Method: Online

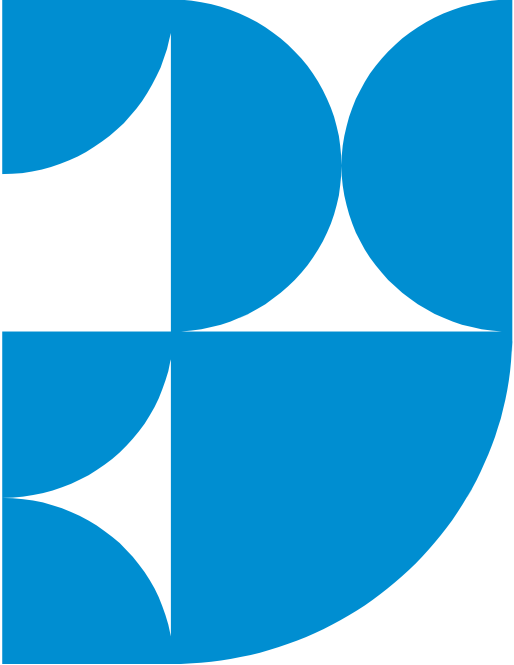
Fellowship / Financial Assistance: SITARE-Gandhian Young Technological Innovation Award Grant (SITARE-GYTI) : 15 innovative student projects will receive funding support of upto INR 15 lakhs each SITARE-Appreciation Grant : INR 1 lakh each.

Funding Agency

**Biotechnology
Industry Research
Assistance Council
(BIRAC)**

**Human Resource
And Development**

Link: https://www.birac.nic.in/desc_new.php?id=581



263. Bioincubators Nurturing Entrepreneurship For Scaling Technologies (Bio-NEST)

Funding Agency
Department of
Biotechnology (DBT),
Govt. of India

Bio-NEST was launched by BIRAC with a vision that focused on fostering the biotech innovation ecosystem in the country. Unlike start ups in the IT sector, enterprising ideas in the biotech sector need incubation support of a different kind where they need a landing space to test their ideas, run their operations, have access to high end instrumentations and locate in a place where they connect with other start ups and mentors. Bio-NEST program provides support to establish bio-incubators either as a standalone entity or as a part of the academia. Through Bio-NEST, BIRAC has supported 73 bio-incubators creating a cumulative area of 1045470 sq. ft. for budding entrepreneurs.

Link: <https://birac.nic.in/bionest.php>

Human Resource
And Development

264. High-End Workshops (“KAARYASHALA”) under ABHYAS

‘KAARYASHALA’ is an effort to improve research productivity of promising PG and PhD students from universities and colleges through high-end workshops on specific themes. This program aims to provide opportunities to acquire specialized research skills. These workshops will primarily be facilitated at organizations / institutions / laboratories of national importance such as IITs, IISc, IISERs, NITs, CSIR, ICAR, ICMR etc.

Eligibility: Faculty or Scientists working in Central institutions of higher learning and research such as IITs, IISc, IISERs, NITs, and other institutions and laboratories of eminence like CSIR, ICAR, ICMR, etc.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/high-end-workshops-%E2%80%9Ckaaryashala%E2%80%9D-under-abhyas>

Funding Agency

**Science and
Engineering Research
Board (SERB)**

**Human Resource
And Development**



265. AICTE-INAE Teachers Research Fellowship Scheme for Engineering Teachers for Doctoral Research in Central Laboratories

Funding Agency
Ministry of Education
(MoE), Govt. of India

AICTE and INAE have launched the AICTE-INAE TEACHERS RESEARCH FELLOWSHIP SCHEME for Engineering Teachers for Doctoral Research in Central Laboratories in order to promote a research culture amongst the faculty in AICTE approved engineering institutions. Under this scheme, engineering teachers in AICTE approved engineering colleges/institutions shall be sponsored to pursue research in Council of Scientific and Industrial Research (CSIR)/ Defence Research and Development Organization (DRDO)/ Department of Atomic Energy (DAE)/ Department of Space (DoS) laboratories leading to the award of a Ph.D degree in the chosen field of study. The Ph.D degree will be awarded by the concerned organizations of CSIR, DRDO, DAE and DoS. The period of association of the engineering teachers selected under this scheme will be a maximum of three years. The age of the candidate should be 35 years or below.

Eligibility: (a) The candidates should be permanent faculty members in an AICTE approved institution offering at least M.E./M Tech degree courses. (b) The age of the candidate should be 35 years or below on January 01 of the year in which he/she join the scheme. (c) The engineering teacher should have obtained Ist Division or equivalent in both B.E./B Tech and M.E./M.Tech degree courses. (d) A candidate selected for admission under this scheme will execute an undertaking to serve his/her parent institution for a minimum period of three years after completing the Ph.Dprogramme.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/aicte-inae-teachers-research-fellowship-scheme-engineering-teachers-doctoral-research-central>

Human Resource
And Development



266. AICTE-Faculty Development Programme (FDP)

Funding Agency
Ministry of
Education (MoE),
Govt. of India

The scheme is intended to Institutions for induction training to teachers employed in AICTE approved Technical Institutions to facilitate up-gradation of knowledge and skill. Rs 5-7 Lakh are granted for the 2 weeks FDP. The Faculty Development Programme (FDP) intends to provide financial assistance to facilitate up-gradation of knowledge, skill and intends to provide opportunities for induction training to teachers employed in disciplines Engineering & Technology, Pharmacy, Hotel Management & Catering Technology, Architecture, Town Planning and Applied Arts & Crafts.

Eligibility: (a) AICTE approved Technical Institutions / University Departments with at least 10 years of existence. (b) Coordinator must be a full time regular faculty with adequate experience in teaching and research with publications. (c) Maximum 2 proposals per institute per year including sanctioned, earlier but not completed, would be considered.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/aicte-faculty-development-programme-fdp>

Human Resource
And Development



267. AICTE-Quality Improvement Programme (Foreign University)

Area: Physical Sciences, Chemical Sciences, Life Sciences & Biotechnology, Earth, Atmosphere & Environment Sciences, Engineering Sciences, Mathematical Sciences

Area: Science & Technology (S&T) interventions for societal benefit

Under QIP (FU), the AICTE shall provide scholarships to the faculty who fulfils eligibility criteria and obtains admission in the Doctoral Degree programme leading to award of PhD degree in any of the enlisted top 500 universities/institutes (based on the QS ranking, the Times ranking and the Shanghai ranking) in the world.

Eligibility: Full time regular / permanent faculty members of AICTE recognized Degree Level Colleges are eligible to apply. The candidate should possess: - a) Three year teaching experience. b) Master's degree in the appropriate branch. c) Admission offer in PhD programme from the Foreign University of Listed ranking system in previous five years. Age must be below 40 years for general and 45 years in case of reserved category.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/aicte-quality-improvement-programme-foreign-university>

Funding Agency

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

**Human Resource
And Development**





268. Scheme for Skill Development in ESDM for Digital India

Funding Agency

Ministry of Electronics
and Information
Technology (MeitY),
Govt. of India

MeitY had approved the Scheme “Skill Development in ESDM for Digital India” on 09.12.2014 with a total target of 3,28,000 candidates to facilitate creation of an eco-system for development of ESDM Sector in the entire country. The Scheme is being implemented by three Key Implementing Agencies (KIAs) namely NIELIT, ESSCI and TSSC. The scheme is operated and managed by Programme Management Unit (PMU) at NIELIT, under the aegis of MeitY in a transparent manner.

Eligibility: Candidates studying at IX/X standard onwards, ITI, Polytechnic, undergraduate and also unemployed youth who are school dropouts from 8th pass onwards, ITI Certificate or Diploma holders, graduates, registrants in Employment Exchanges. In order to boost Manufacturing Sector Skilling, Engineering Graduates are now permitted for L5 level courses. However the candidate must attained the age of 17 years at the time of registration on enrolment.

Link:

[https://esdm-
skill.deity.gov.in/\(S\(ok5dhvqscimubi31bxdksl1o\)\)/default.aspx](https://esdm-skill.deity.gov.in/(S(ok5dhvqscimubi31bxdksl1o))/default.aspx)

Human Resource
And Development

269. Visvesvaraya PhD Scheme for Electronics & IT

Funding Agency

Ministry of
Electronics and
Information
Technology (MeitY),
Govt. of India

Ministry of Electronics and Information Technology (MeitY), Government of India has launched “Visvesvaraya PhD Scheme for Electronics and IT” with an objective to enhance the number of PhDs in Electronics System Design and Manufacturing (ESDM) and IT/IT Enabled Services (IT/ITES) sectors in the country. “Visvesvaraya PhD Scheme” is an Institutional Scheme, where the PhD seats are allocated to the institutions and the institutes enroll the PhD candidates on these seats following their admission procedures. Support to 1500 PhD Candidates including both Full-Time (500) and Part-Time(1000) in each of ESDM and IT/ITES sectors. Support 200 Young Faculty Research Fellowships in the areas of ESDM and IT/ITES with the objective to retain and attract bright young faculty members in these sectors.

Eligibility: The minimum requirement for the Institutions/Universities, Research Centers etc. for being eligible to receive grants under the scheme is compliance to the UGC’s minimum standards and procedures for award of M.Phil./PhD Degree, Regulation, 2009 as amended time to time.

Link: <https://phd.dic.gov.in/>

Human Resource
And Development

270. National Renewable Energy Internship (NREI) Scheme

Area: All Science Disciplines

Funding Agency

Ministry of New and Renewable Energy (MNRE), Govt. of India

Human Resource And Development

The Human Resource Department of Ministry of New & Renewable Energy (MNRE) provides an internship opportunity to facilitate students pursuing under graduate/graduate/post graduate degrees or research scholars enrolled in recognized institutes/universities within India or abroad, as “Interns”. The scheme also provides opportunity to personnel engaged in projects related to policy research promotion/demonstration and deployment of renewable energy in national and international research/institutes and financial institutions to work as Interns in the Ministry /its organisations.

Eligibility: The applicant should be pursuing graduate or post graduate degree course in Engineering/ Management/ Law/ Science stream (Physics/ Chemistry/ Renewable energy/ Energy/ Biotechnology/ Biological Science/ Environmental Science, etc.) in recognized University/institution within India or abroad. The persons working in RE area in National, International, Non Governmental Institutes/organisations.

Link: <https://hrd.mnre.gov.in/>

271. GIAN (Global Initiative of Academic Networks)

Funding Agency

Ministry of Education
(MoE), Govt. of India

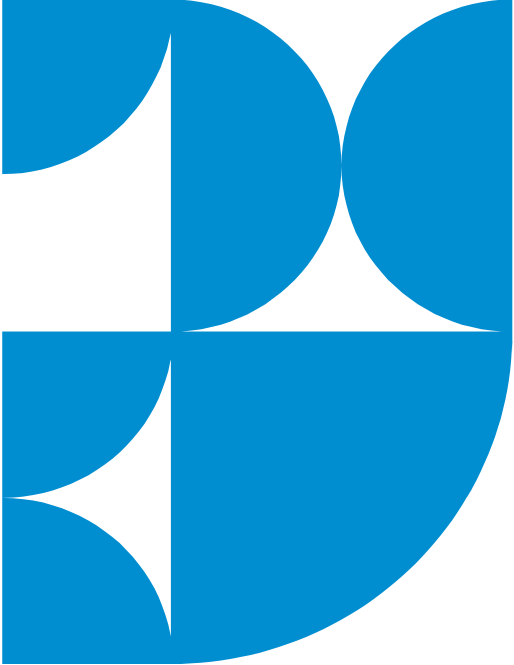
Human Resource
And Development

Govt. of India approved a new program titled Global Initiative of Academic Networks (GIAN) 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.

Eligibility: All Government (State or Central) higher education Institutions / University which are in top 200 in NIRF overall rankings and having at least NAAC 'A' grade (3.0 and above).

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/gian-global-initiative-academic-networks>



272. SPARC (Scheme for Promotion of Academic and Research Collaboration)

Funding Agency
Ministry of Education
(MoE), Govt. of India

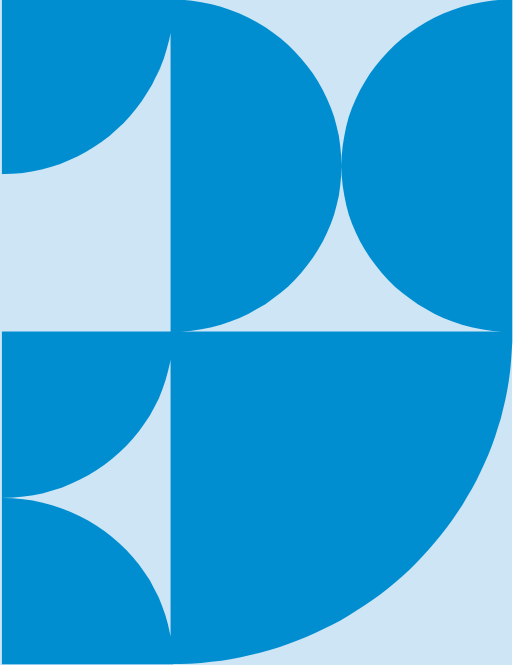
The Scheme for Promotion of Academic and Research Collaboration (SPARC), an initiative of Ministry of Human Resource Development, Government of India, aims at improving the research ecosystem of India's higher educational institutions by facilitating academic and research collaborations between top ranked Indian Institutions and globally ranked Foreign Institutions, through Joint Research Projects involving mobility of students and faculty. The SPARC Scheme is expected to have a major impact in providing the best international expertise to address major national problems, expose Indian academicians to the best collaborators abroad, enable international faculty to stay in India for a longer duration, provide Indian students an opportunity to work in the world class laboratories, to develop strong bilateral relationships in research, and improve the international ranking of Indian Institutions.

Eligibility: All Indian Institutions ranked in the overall top-100 or category-wise top-100 in the India Rankings (NIRF-2019) are eligible to apply. The partner Foreign Institution shall be in the top-500 QS-2020 World University Ranking or in the top-200 QS-2019 World University Ranking by subject to be eligible to be supported under SPARC. The project team should contain at least two international Faculty members, two Indian Faculty members and two Researchers pursuing PhD or post-doc level from each side.

Human Resource
And Development

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/sparc-scheme-promotion-academic-and-research-collaboration>



273. CSIR Nehru Science PDF (Tenable at CSIR Labs)

The fellowship is granted usually for two years, with the grant of INR 50000/- per month, along with annual contingency grant of INR 3 Lakh.

Funding Agency
**Council of Scientific &
Industrial Research**
(CSIR)

Eligibility: Within 3 years of Award of Ph D or those who have submitted or about to submit their Ph D Thesis, Publications Mandatory, Age limit: 32 years.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/csir-nehru-science-pdf-tenable-csir-labs>

**Human Resource
And Development**



274. Research Associateship (RA)

The fellowship is granted for three years, with the grant of INR 36000/- to 40000/- per month, along with annual contingency grant of INR 20,000.

Eligibility: Post Graduation in any science discipline; BE/Btech; MBBS/BDS; Bpharm/BVSc/BSc (Ag).

Funding Agency

Council of Scientific &
Industrial Research (CSIR)

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/research%20associateship%20ra>

Human Resource
And Development



275. Senior Research Fellowship (SRF)

The fellowship is granted for two years, with the grant of INR 28000/- per month, along with annual contingency grant of INR 20,000.

Eligibility: Post Graduation in any science discipline; BE/Btech; MBBS/BDS; Bpharm/BVSc/BSc (Ag); For doing PhD.

Funding Agency
**Council of Scientific &
Industrial Research**
(CSIR)

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/senior-research-fellowship-srf>

**Human Resource
And Development**

276. CSIR Research Grants

Area: All Science Disciplines

Funding Agency

Council of Scientific & Industrial Research (CSIR)

The 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.

Eligibility: Scientists and Faculties.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/csir-research-grants>

**Human Resource
And Development**



277. Grant for holding Symposium/Seminar

The scheme is granted any time of the year, preferably three months before the event, with an annual grant between INR 10,000 and 1,00,000.

Eligibility: Seminars, Symposia Conferences, etc. organised on a national level by S & T societies/associations, etc.

Funding Agency

Council of Scientific &
Industrial Research (CSIR)

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/grant-holding-symposiumseminar>

Human Resource
And Development





278. Grant for Journals

The scheme is granted on year to year basis, with an annual grant between INR 10,000 and 1,00,000.

Eligibility: Only journals brought out in Indian languages with the sole objective of popularizing science.

Funding Agency

**Council of Scientific &
Industrial Research (CSIR)**

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/grant-%C2%A0journals>

**Human Resource
And Development**



279. Funding of Sponsored Research Schemes

The scheme is granted usually for three years, with a grant of up to 25 Lakhs.

Eligibility: Faculty/Scientists employed in universities, research institutions and R&D units; Tie up with CSIR labs is a requirement.

Funding Agency

Council of Scientific & Industrial Research (CSIR)

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/funding-sponsored-research%C2%A0schemes>

**Human Resource
And Development**



280. Funding of Research Schemes (RS)

The scheme is granted usually for three years, with a grant of up to 15 Lakhs.

Eligibility: Faculty/Scientists employed in universities, research institutions and R&D units.

Funding Agency

Council of Scientific &
Industrial Research (CSIR)

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/funding-research%C2%A0schemese-rs>

Human Resource
And Development



281. Emeritus Scientist (ES)

The scheme is granted for three years, extendable by two more years, up to 65 years of age, with an honorarium of INR 20000/- per month, along with a suitable contingency grant and a Research Fellow/Associate.

Funding Agency

**Council of Scientific &
Industrial Research (CSIR)**

Eligibility: Eminent Superannuated Scientists/Technologists.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/emergitus%C2%A0scientist%C2%A0es>

**Human Resource
And Development**



282. Visiting Associateship (VA)

The scheme is granted for three years, with TA & DA for two visits to a CSIR lab, upto 60 days in a year.

Funding Agency
**Council of Scientific &
Industrial Research
(CSIR)**

Eligibility: Middle level scientists from Universities/R&D units in industries.

Link:

[https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/visiting%20associateship%](https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/visiting%20associateship%20scheme)

**Human Resource
And Development**





283. Senior Research Associateship (SRA)-Scientist Pool

Funding Agency

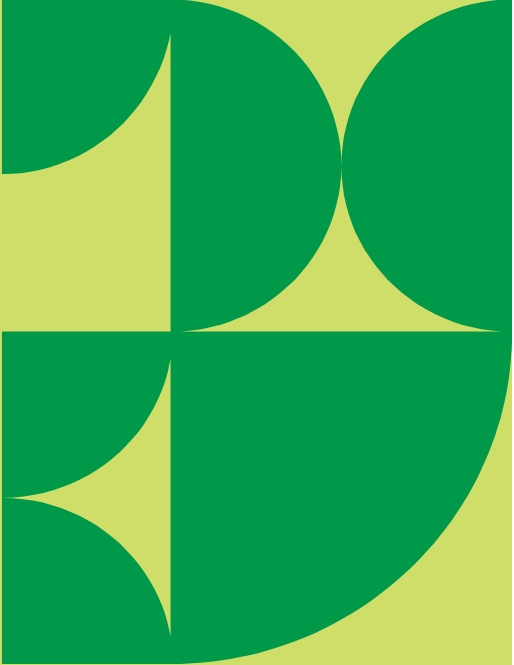
Council of Scientific & Industrial Research (CSIR)

The fellowship is granted for three years, with the grant of basic INR 21000/- to 25810/- per month, along with allowances.

Eligibility: PhD in basic sciences followed by 2 years of research/teaching experience; Fresh PhD for pharmaceutical, veterinary and engineering sciences; MD/MS/MDS plus 2 years of experience for medical sciences; And publications; Age Limit - 40 Years.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/senior-research%C2%A0associateship-sra-scientist-pool>

**Human Resource
And Development**



284. CSIR Nehru Science PDF (Tenable at CSIR Labs)

The fellowship is granted usually for two years, with the grant of INR 50000/- per month, along with annual contingency grant of INR 3 Lakh.

Funding Agency

**Council of Scientific &
Industrial Research (CSIR)**

Eligibility: Within 3 years of Award of Ph D or those who have submitted or about to submit their Ph D Thesis, Publications Mandatory, Age limit: 32 years.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/csir-nehru-science-pdf-tenable-csir-labs>

**Human Resource
And Development**





285. Research Associateship (RA)

The fellowship is granted for three years, with the grant of INR 36000/- to 40000/- per month, along with annual contingency grant of INR 20,000.

Funding Agency

**Council of Scientific &
Industrial Research (CSIR)**

Eligibility: Post Graduation in any science discipline; BE/Btech; MBBS/BDS; Bpharm/BVSc/BSc (Ag).

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/research%20associateship%20>

**Human Resource
And Development**

286. Funding of Sponsored Research Schemes

The scheme is granted usually for three years, with a grant of up to 25 Lakhs.

Eligibility: Faculty/Scientists employed in universities, research institutions and R&D units; Tie up with CSIR labs is a requirement.

Funding Agency

Council of Scientific & Industrial Research (CSIR)

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/funding-sponsored-research%2%A0schemes>

**Human Resource
And Development**



287. Star College Scheme

Focus Area: Life Sciences and Biotechnology

DBT is committed to the values of 1) Pursuit of excellence 2) Academic and intellectual freedom 3) creativity and innovation 4) Diversity 5) Cooperation and Communication 6) accountability. DBT had therefore, launched a Programme for improving critical thinking and 'hands on' experimental work at undergraduate (college) level in sciences. It is expected to encourage more students to take up higher education in science.

Funding Agency

**Ministry of Science and
Technology, Govt. of India**

Intended Applicants: College and University departments.

Eligibility: The college should have at least four B.Sc courses (3 for rural category) in basic/ applied sciences such as Botany, Zoology, Applied Life Sciences, Microbiology, Physiology, Biochemistry, Biotechnology etc. For application under Star College Programme, the proposal should have at least two departments for maintaining inter-disciplinarity.

Purpose: Academic, Infrastructure, Professional Development, Teaching and Training.

Funding Cycle: The support under Star College Programme will be provided in 3 stages: Stage 1-Strengthening Stage: Funding for 3 years; Stage 2- Star Status Stage: Funding for 3 years; Stage 3-Star Mentor College: Stage funding for 2 years.

Application Method: Online.

Link: <https://dbtindia.gov.in/star-college-programme>

**Human Resource
And Development**

288. Funding of Research Schemes (RS)

The scheme is granted usually for three years, with a grant of up to 15 Lakhs.

Funding Agency

Council of Scientific & Industrial Research (CSIR)

Eligibility: Faculty/Scientists employed in universities, research institutions and R&D units.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/funding-research%C2%A0schemese-rs>

**Human Resource
And Development**



289. Postgraduate Teaching Programme

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India

This programme was conceived as collaborative, inter-departmental, inter institutional programme and initiated on the basis of core strength in the area in terms of faculty expertise, infrastructural facilities, R&D grants on competitive funding basis, nearby institutions engaged in biotechnology R&D. These programmes played a catalytic role and inspired other institutes to initiate these programme on their own.

Eligibility: Graduation in any branch of science.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/postgraduate-teaching-programme>

Human Resource
And Development



290. Visiting Associateship (VA)

The scheme is granted for three years, with TA & DA for two visits to a CSIR lab, upto 60 days in a year.

Eligibility: Middle level scientists from Universities/R&D units in industries.

Funding Agency

**Council of Scientific &
Industrial Research
(CSIR)**

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/visiting%20associateship%20va>

**Human Resource
And Development**



291. CSIR Research Grants

The 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.

Funding Agency

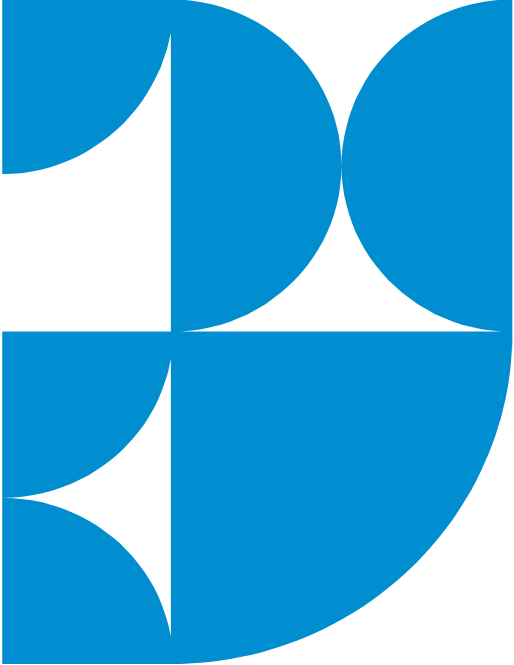
Council of Scientific &
Industrial Research (CSIR)

Eligibility: Scientists and Faculties.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/human-resource-and-development/csir-research-grants>

Human Resource
And Development



292. Women Involvement in Science and Engineering Research (WISER)

Focus Area: All Science Disciplines

The scheme aims to build scientific capacity, retain and promote women researchers in India & Germany by utilising complementary expertise in science, technology, innovation and research partnerships. The schemes intends to bring gender equity and inclusion in STEM research.

Funding Agency

Indo-German Science & Technology Centre (IGSTC), Department of Science and Technology (DST), Government of India

Intended Applicants: All Science Disciplines

Eligibility: Women researchers/entrepreneurs holding a regular position in academic/research institutions/industrial research organisations in India/Germany may apply to be a part of an ongoing R&D project of interest with acceptance from the host team. There is no age limit and preference is given to Early & Mid-career researchers.

Purpose: Capacity Building, Research

Duration: Up to 3 years

Application Method: Online; The application must be sent via “email” to wiser@igstc.org as a single PDF document.

Fellowship / Financial Assistance: The grant covers basic project assistance for the awardee in the parent country and one month research stay in host country. The maximum grant for three years will be up to ₹ 39 lakhs/€ 48000. The tenure is for a period of 3 years or till completion of the project whichever is earlier and covers one visit per year for short stay up to one month.

Link:

https://www.igstc.org/home/wiser_basic_guidelines_2025



293. Technology Development and Utilization Programme for Women (TDUPW)

Focus Area: Medical Science, Agricultural Sciences

DSIR under its “Technology Development and Utilization Programme for Women (TDUPW)” provides assistance for those projects which are relevant to technology development and utilization by women with special emphasis to technologies developed by scientific establishments. The program is aimed to meet specific needs of women and to enhance their contribution towards technology capability building

Intended Applicants: Women

Eligibility: The Organizations in the Government, non-Government sectors and professional bodies working on areas related to development/ dissemination of technologies for women with adequate experience in the field, are eligible.

Purpose: Capacity Building

Duration: 2 Years

Application Method: Offline.

Link:

<https://www.indiascienceandtechnology.gov.in/nurturing-minds/scholarships/graduation/women-scientist-scheme-c-wos-c>

Funding Agency
Department of
Scientific and
Industrial Research
(DSIR)

Women Schemes





294. Biotechnology Career Advancement & Re-orientation Programme (BioCARE)

Focus Area: Medical Biotechnology, Plant & Agriculture Biotechnology, Compounds of Industrial & Medicinal Utility, Animal & Marine Biotechnology, Bio-engineering & Biomaterials, Bioinformatics/ Computational biology and Environmental Biotechnology & Bioenergy.

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India

The programme is for Career Development of employed/ unemployed women Scientists upto 45 years of age for whom it is the first extramural research grant.

Intended Applicants: Women scientists

Funding Agency: Department of Biotechnology (DBT), Govt. of India

Eligibility: Women Scientists who are employed or unemployed and Max age limit to apply for the grant is 45 years

Purpose: Research

Funding Cycle: Annually

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/women-schemes/biotechnology-career-advancement-re-orientation-programme-biocare>

Women Schemes

295. Indo-U.S. Fellowship for Women in STEMM

Focus Area: Science, Technology, Engineering, Mathematics and Medicine

Funding Agency

Department of Science & Technology (DST), Govt. of India

Women Schemes

To provide opportunities to Indian Women Scientists, Engineers & Technologists to undertake international collaborative research in premier institutions in U.S.A, to enhance their research capacities and capabilities, Department announces “Indo-U.S. Fellowship for Women in STEMM” (Science, Technology, Engineering, Mathematics and Medicine) jointly with Indo-U.S. Science and Technology Forum (IUSSTF). Program has two modules : 1. Women Overseas Student Internship program module and 2. Women Overseas Fellowship program module

Intended Applicants: Women Scientist

Eligibility: Indian women applicant currently pursuing Ph.D. degree in Basic Sciences, Engineering or Technology including Agricultural and Medical Sciences.

Purpose: Innovations, Research

Duration: 3 to 6 Months

Application Method: Online

Fellowship / Financial Assistance: For Women Overseas Student Internship program module 1. Monthly stipend of \$2,500 2. Air Fare up to \$ 2,500 3. Health Insurance of up to \$500 4. Contingency up to \$1,000 For Women Overseas Fellowship program module 1. Monthly stipend of \$3,000 2. Air Fare up to \$ 2,500 3. Health Insurance of up to \$1,000 4. Contingency up to \$1,000 5. Conference Allowances of up to \$1,200

International: (Country/Agency): India, US

Link: <https://iusstf.org/indo-u-s-fellowship-for-women-in-stemm-wistem->



296. Mobility Scheme

Focus Area: Science and Technology

The Mobility Scheme is aimed to provide an opportunity to women scientists who are facing difficulties in their present job due to relocation (marriage, transfer of husband to any other location within the country, attending ailing parents, and accompanying children studying in different city) and will act as filler while searching other career option at new place.

Funding Agency

Department of Science & Technology (DST), Govt. of India

Intended Applicants: Women Scientist

Eligibility: Scientists/academicians working at permanent position in any Government Institution/R&D Lab/University and Upper age limit is 50 years.

Purpose: Capacity Building

Duration: 5 Years

Application Method: Offline

Fellowship / Financial Assistance: Awardees will receive a consolidated amount of salary per month till project duration. In addition, to need based one manpower support, there will be a research grant of Rs 5.00 lac per annum.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/women-schemes/mobility-scheme>

Women Schemes

297. Women Scientist Scheme-C (WOS-C)

Focus Area: Intellectual Property Rights (IPRs)

WOS-C scheme aims to train women having qualifications in science/ engineering / medicine or allied areas in the area of IPR and their management for a period of one year. The training will allow them to work from their homes and thus maintain a good balance between professional and domestic demands.

Intended Applicants: Women Scientist

Eligibility: Women having Master in Science and or Bachelors in Engineering or Technology and within the age group of 27 to 45 years.

Purpose: Capacity Building

Duration: 1 Year

Application Method: Online

Fellowship / Financial Assistance: 1. Rs. 25,000/- pm for MSc in Basic or Applied Sciences/BTech/MBBS or equivalent degree 2. Rs. 30,000/- pm for M.Phil /Mtech / M.Pharma /MVSc or equivalent degree 3. Rs. 35,000/- pm for PhD in Basic or Applied Sciences or equivalent degree.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/women-schemes/women-scientist-scheme-c-wos-c>

Funding Agency

Department of Science & Technology (DST), Govt. of India

Women Schemes

298. Women Scientist Scheme-B (WOS-B)

Focus Area: Science & Technology (S&T) interventions for societal benefit

Women Scientist Scheme-B (WOS-B) focuses on projects related to Science & Technology (S&T) interventions for societal benefit. Such project proposal should address a well-identified societal challenge and deliver possible solution(s) by way of development of viable technology/technique and/or lab-to-land technology transfer, its adaptation and scaling up.

Intended Applicants: Women Scientist

Eligibility: Women having qualification in Science and Technology area and in the age group of 27 to 57 years.

Duration: 3 Years

Application Method: Online

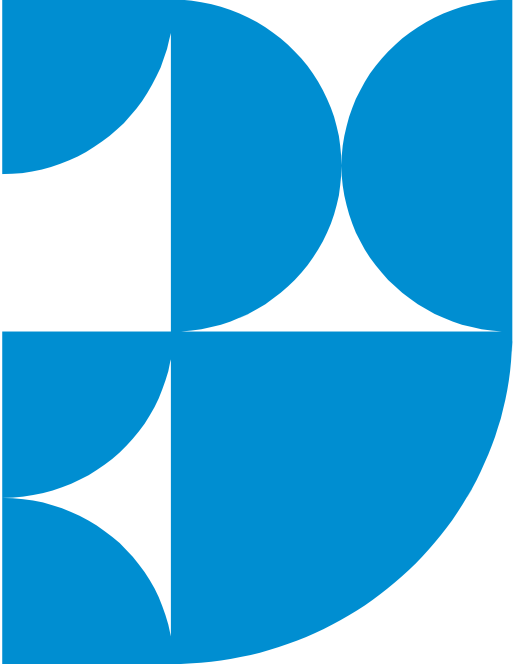
Fellowship / Financial Assistance: 1. Rs 55,000/- pm for Ph.D. or equivalent (total project cost not exceeding Rs.30 lakh) 2. Rs 40,000/- pm for M.Phil./MTech or equivalent (total project cost not exceeding Rs.25 lakh) 3. Rs 31,000/- pm for M.Sc. or equivalent (total project cost not exceeding Rs.20 lakh).

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/women-schemes/women-scientist-scheme-b-wos-b>

Funding Agency

Department of Science & Technology (DST), Govt. of India

Women Schemes



299. Consolidation of University Research For Innovation And Excellence in Women (CURIE)

Area: Life Sciences & Biotechnology

Funding Agency

Department of Science & Technology (DST), Govt. of India

The objective is to to develop state-of-the-art infrastructure in women universities in order to attract, train and retain promising girls students in S&T domain.

Link: <https://dst.gov.in/dst-support-empowering-women-scientists>

Women Schemes



300. Women Technology Park (WTP)

The objective is to promote research, development and adaptation of technology to improve the quality of life, working conditions for women, to provide newer opportunities for gainful employment of women especially in rural areas and to increase the contribution of women scientists to technology based development

Funding Agency

Department of Science
& Technology (DST),
Govt. of India

Eligibility: Academic, R&D Institutions, Central and State Government organizations with proven track record in executing S&T based projects; Private Universities/Colleges/Autonomous Institutes recognized by AICTE/MHRD/UGC having experience in executing S&T projects; Community based Organizations/Potential Voluntary Organizations (NGO's) with at least ten (10) years of experience and having successfully; Ministry of Science and Technology implemented at least five major projects with support from S&T Departments/other credible funding agencies; Community Based Organizations (Voluntary organizations & NGO's) should have mandatory tie up with S&T Institutions for technology transfer; Applicants must be physically present in the location specified for intervention to include an office and required space/land.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/women-schemes/women-technology-park-wtp>

Women Schemes





301. Science and Technology for Women

This scheme is focused on women as specific target group. The objectives of this scheme are to promote research, development and adaptation of technology to improve the quality of life, workings conditions for women; to provide newer opportunities for gainful employment of women especially in rural areas; and to increase the contribution of women scientists to technology based development.

Funding Agency

Department of Science & Technology (DST), Govt. of India

Eligibility: Any woman.

Link: <https://dst.gov.in/st-women>

Women Schemes





302. Biotechnology based Programme for Women

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India

In women sector, large number of women including SHGs benefitted directly through biotech packages for floriculture, horticulture, cultivation of mushrooms, medicinal and aromatic plants, bio-fertilisers, organic farming, vermicomposting, sericulture, aquaculture, animal husbandry, poultry farming and making of bio-crafts. Several training modules were prepared for creating awareness on health, nutritional food preparations and agricultural practices.

Eligibility: Any woman.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/women-schemes/biotechnology-based-programme-women>



303. Biotechnology Career Advancement and Re-orientation Programme (Bio-CARe) for Women Scientists

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

In an attempt to enhance the participation of Women Scientists in Biotechnology Research, the Department of Biotechnology launched a Biotechnology Career Advancement and Re-orientation Programme (Bio-CARe) for women Scientists. The programme is mainly for Career Development of employed/ unemployed women Scientists upto 55 years of age for whom it is the first extramural research grant. The scheme is open for all areas of Life Sciences.

Eligibility: M.D/M. Tech /Ph. D/Equivalent degree in any branch of Life Sciences; Women Scientists for whom it is the first grant; upto 55 years of age.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/women-schemes/biotechnology-career-advancement-and-re-orientation-programme-bio-care-women-scientists>

Women Schemes





304. Women in Science and Engineering-KIRAN (WISE-KIRAN)

Funding Agency

Department of Science & Technology (DST), Govt. of India

Under this scheme, women scientists are being encouraged to pursue research in frontier areas of science and engineering, on problems of societal relevance and to take up S&T-based internship followed by self-employment. A large number of well-qualified women get left out of the S&T activities due to various circumstances which are usually typical to the gender. The challenges faced by them are several but most often the "break in career" arises out of motherhood and family responsibilities. To address such issues, Department of Science and Technology (DST) launched Women Scientists Scheme (WOS). This initiative primarily aimed at providing opportunities to women scientists and technologists between the age group of 27-57 years who had a break in their career but desired to return to mainstream.

Eligibility: Minimum Post Graduate degree, equivalent to M.Sc. in Basic or Applied Sciences or B.Tech. or MBBS or other equivalent professional qualifications.

Purpose: Research.

Link: <https://dst.gov.in/scientific-programmes/wise-kiran>

Women Schemes





305. ANRF- Prime Minister Professorship Program

Focus Area: Scientists, Faculty, Research laboratories, Industry

Anusandhan National Research Foundation (ANRF) announces call for proposals for the new program PM Professorship, to utilize the expertise of superannuated scientists and faculty from reputed academic institutions, research laboratories and industry, who are willing to serve in the state universities where research is still at nascent stage. Prime Minister Professor is expected to mentor faculty and students of less endowed universities to improve/raise their research eco-system to be world class. The objective is to leverage expertise of active, eminent and superannuated scientists for their outstanding contributions both nationally and internationally in the areas of engineering, science, and technology including agriculture, medicine and social sciences at the interface of science and technology. The program aims to strengthen R&D culture in less endowed state universities, by boosting their research and innovation aspects in collaborative mode.

Funding Agency

**Anusandhan National
Research Foundation
(ANRF), DST**

Eligibility: i) Superannuated or retired faculty or scientists from reputed Indian institutions, research laboratories or from private institutions. ii) Overseas scientists i.e. Non-Resident Indians (NRIs), Persons of Indian Origin (PIOs), and Overseas Citizens of India (OCIs). iii) Professionals from industry/experienced Professors of Practice with a distinguished record of research and innovation. iv) Applicants should have strong research credentials, must be actively involved in research and innovation activities, and demonstrate a strong commitment to mentor faculty at the eligible state universities where research and innovation is still at a nascent stage. v) Eligible host institutions are the state universities that have been qualified as spoke institutions in Category A of the recently awarded PAIR program of ANRF. vi) Applicants must be willing to relocate to the proposed host institution on full time basis and should have a proper plan to contribute significantly to the development of its research capabilities and innovation culture.

Purpose: Innovations, Research

Funding Cycle: A PM professor will receive a fellowship of Rs. 30 lakh (p.a.) plus Rs. 24 lakh as research grant (consumables, domestic travel, contingencies, minor equipment etc.) per annum. Also, an overhead of a fixed amount of Rs.1 lakh per year will be provided under the program.

Duration: The tenure of the PM Professorship will be 5 years. Performance review after 3 years by the expert committee constituted for the purpose.

Application Method: Online

Fellowship / Financial Assistance: A PM professor will receive a fellowship of Rs. 30 lakh (p.a.) plus Rs. 24 lakh as research grant.

Link:

https://anfonline.in/ANRF/PMProfessorship_anrf?HomePage=New

**Research and
Development**

306. J. C. Bose Grant (JBG)

Anusandhan National Research Foundation (ANRF) announces call for proposals for the new scheme called J. C. Bose Grant, a restructured form of the J. C. Bose Fellowship running under erstwhile Science and Engineering Research Board (SERB). The J. C. Bose Grant is meant to recognize active, senior scientists and engineers within our country for their outstanding performance and contributions. The prestigious J. C. Bose Grant is individual-specific, very selective and encourages senior level researchers for extra-mural funding to further enhance their research in frontline avenues. The nominations for senior scientists and engineers working with Indian institutions/universities could be submitted through the online portal of ANRF.

Funding Agency

Funding Agency:
**Anusandhan National
research Foundation
(ANRF)**

Intended Applicants: Senior scientists and engineers

Eligibility: The aspirants should be an active and senior scientist/engineer with a record of outstanding performance through indicators like publications, research outcomes, patents, technology transfers, awards, grants etc. in all science and engineering domains (including agriculture, medicine and humanities and social sciences at the interface of science and technology.). The nominee should be an Indian national working in Institutions/Universities in India at a senior level.

Purpose: Research

Funding Cycle: The research grant of Rs. 25 lakhs annually will be provided under two budget heads: A) Recurring Head (covering Manpower, Consumables, travel, contingency and other costs) and B) Non-recurring Head (Equipment) up to 20% of the annual grant. Additionally, Rs. 1.0 lakh annually (fixed) will also be provided as "Overheads" to the implementing institution.

Duration: 5 Years

Application Method: Online.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/j-c-bose-grant-jbg>

**Research and
Development**

307. ICTS- Long Term Visiting Students Program

Funding Agency

International Centre for
Theoretical Sciences
(ICTS-TIFR), Tata Institute
of Fundamental Research,
Bengaluru

International Centre for Theoretical Sciences (ICTS-TIFR), Tata Institute of Fundamental Research, Bengaluru invites applications from academically bright and motivated Master's/ Integrated Master's/ Bachelor's students for the ICTS - Long Term Visiting Students Program. This program mainly aims to provide opportunities to students of science, mathematics and engineering to spend a longer period of time (1 or 2 semesters) to work in close collaboration with ICTS faculty members on research projects.

Intended Applicants: Master's/ Integrated Master's/ Bachelor's students.

Eligibility: Master's / Integrated Master's / Bachelor's students of science, mathematics and engineering, who are entering the final year, in their final year or have recently completed their program, are eligible to apply.

Purpose: Collaboration, Research

Duration: 1 or 2 Semesters

Application Method: Online.

Link:

<https://www.icts.res.in/opportunities/academic/lvsvp/2023>

Research and
Development



308. Partnerships for Accelerated Innovation and Research (PAIR)

Focus Area: Science and Engineering

ANRF in its endeavour to facilitate equal participation of researchers from all sectors of society, has initiated the scheme Inclusivity Research Grant (IRG). IRG scheme will provide funding support to researchers belonging to the Scheduled Caste /Scheduled Tribe to undertake research in frontier areas of science and engineering. It aims to provide a platform for researchers to further their capacity and move on to mainstream research programs.

Intended Applicants: PhD or MD/MS/MDS Degree Holders

Funding Agency
Anusandhan National
Research Foundation
(ANRF)

Eligibility: 1. The applicant should be an Indian National. 2. The applicant should be an active researcher belonging to the Scheduled Caste or Scheduled Tribe category working on a regular basis in an academic institution/national lab or any other recognized R&D institution in the field of Science and Engineering. 3. The applicant should hold a PhD degree in Science or Engineering or MD/MS/MDS degree. 4. The applicant should have at least four years of service remaining before superannuation as of the date of submission of the proposal. 5. Researchers/scientists who have ongoing projects under the IRG scheme as of the date of submission of the proposal are not eligible to apply. 6. Co-investigators are not allowed in the scheme.

Purpose: Research, Capacity Building

Funding Cycle: Funding is provided up to Rs. 60 lakh plus overheads for a period of three years.

Duration: 3 Years

Application Method: Online

Fellowship / Financial Assistance: Rs 60 Lakhs.

Research and
Development

Link:
https://www.icgeb.org/?post_type=fellowships&p=42384

309. Inclusivity Research Grant (IRG)

Focus Area: Science and Engineering

ANRF in its endeavour to facilitate equal participation of researchers from all sectors of society, has initiated the scheme Inclusivity Research Grant (IRG). IRG scheme will provide funding support to researchers belonging to the Scheduled Caste /Scheduled Tribe to undertake research in frontier areas of science and engineering. It aims to provide a platform for researchers to further their capacity and move on to mainstream research programs.

Intended Applicants: PhD or MD/MS/MDS Degree Holders

Eligibility: 1. The applicant should be an Indian National. 2. The applicant should be an active researcher belonging to the Scheduled Caste or Scheduled Tribe category working on a regular basis in an academic institution/national lab or any other recognized R&D institution in the field of Science and Engineering. 3. The applicant should hold a PhD degree in Science or Engineering or MD/MS/MDS degree. 4. The applicant should have at least four years of service remaining before superannuation as of the date of submission of the proposal. 5. Researchers/scientists who have ongoing projects under the IRG scheme as of the date of submission of the proposal are not eligible to apply. 6. Co-investigators are not allowed in the scheme.

Purpose: Research, Capacity Building

Funding Cycle: Funding is provided up to Rs. 60 lakh plus overheads for a period of three years.

Duration: 3 Years

Application Method: Online

Fellowship / Financial Assistance: Rs 60 Lakhs

Link: https://www.anrfonline.in/ANRF/inrg_anrf?HomePage=New

Funding Agency

Anusandhan National
Research Foundation
(ANRF)

Research and
Development



310. Mission for Advancement in High- impact Areas (MAHA) : EV- Mission

Focus Area: Science and Technology

Funding Agency
**Anusandhan National
Research Foundation
(ANRF)**

Mission for Advancement in High-impact Areas (MAHA) program of ANRF addresses priority-driven, solution-focused research in mission-mode that would catalyse multi-institutional, multi-disciplinary and multi-investigator collaboration to address scientific challenges and advance the frontiers of technology in key scientific areas. ANRF has identified Electric Vehicle (EV) Mobility as the first priority area of focus under MAHA program. The objective of the EV-Mission is to promote research & development of Electric Vehicle (EV) adoption in India, fostering an ecosystem that enables self-reliance and global competitiveness.

Eligibility: Applicant must be Indian citizens. Foreign nationals (including OCI/NRI) eligible as per ANRF guidelines. * Must hold a regular academic/research position in a recognized institution in India with a proven track record in the relevant domain. * Lead PI must have a Ph.D. in Science, Mathematics, or Engineering and at least 5 years of service remaining at the time of proposal submission.

Purpose: Professional Development, Research

Funding Cycle: The e-Nodes will be supported in two tracks. In Track I, funds will be allocated for short term deliverables (for 3 years). Allocation of funds in Track II, in higher TRL (for another 2 years) will be based on the performance of the e-Nodes in terms of short term deliverables.

Duration: 3+2 Years

Application Method: Online

Link:

https://www.anrfonline.in/ANRF/maha_instructions?HomePage=New

**Research and
Development**

311. Prime Minister Early Career Research Grant

Focus Area: Science and Technology

Early career researchers are at the forefront of innovation and excellence, playing a vital role in the scientific and technological progress of the country. ANRF recognises that early career researchers are committed to produce research of the highest quality, bringing in new skills, breakthrough ideas and the zest to explore new frontiers, thereby expanding the boundaries of knowledge. This commitment of the early career researchers will significantly contribute in driving the ambitions of ANRF in positioning the country as a global leader in science and technology as well as creating a vibrant research ecosystem. ANRF considers its responsibility to empower and support the early career researchers in their pursuit of research excellence, providing them with an enabling environment to effectively conduct research with ease and flexibility.

Intended Applicants: PhD Degree Holders

Eligibility: Applicant holding a PhD/MD/MS/MDS/MVSc degree and working in recognized R&D institutions. Must hold a regular academic/research position and apply within 2 years of joining the institution. Age limit: 42 years (with 3-year relaxation for SC/ST/OBC/physically challenged and women candidates).

Purpose: Research, Innovations

Duration: 3 Years

Application Method: Online

Fellowship / Financial Assistance: Rs. 60 lakh

Link:

https://www.anrfonline.in/ANRF/ecrg_anrf?HomePage=New

Funding Agency

Anusandhan National
Research Foundation
(ANRF)

Research and
Development



312. Women Involvement in Science and Engineering Research (WISER)

Focus Area: All Science Disciplines

The scheme aims to build scientific capacity, retain and promote women researchers in India & Germany by utilising complementary expertise in science, technology, innovation and research partnerships. The schemes intend to bring gender equity and inclusion in STEM research.

Funding Agency

Indo-German Science & Technology Centre (IGSTC), Department of Science and Technology (DST), Government of India

Intended Applicants: All Science Disciplines

Eligibility: Women researchers/entrepreneurs holding a regular position in academic/research institutions/industrial research organisations in India/Germany may apply to be a part of an ongoing R&D project of interest with acceptance from the host team. There is no age limit and preference is given to Early & Mid-career researchers.

Purpose: Capacity Building, Research

Duration: Up to 3 years

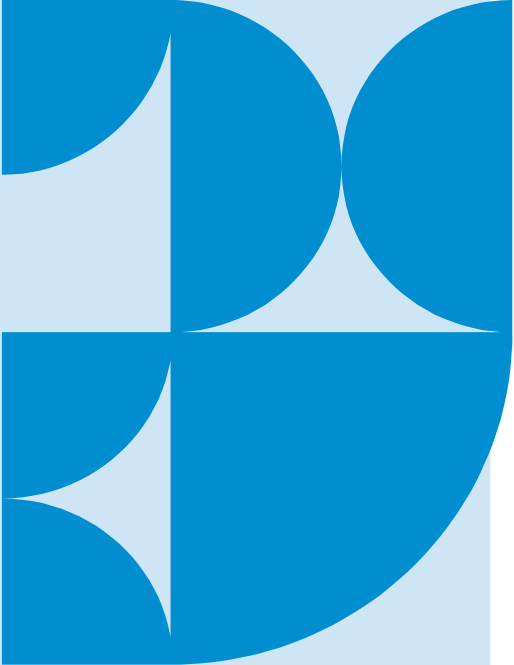
Application Method: Online; The application must be sent via “email” to wiser@igstc.org as a single PDF document.

Fellowship / Financial Assistance: The grant covers basic project assistance for the awardee in the parent country and one month research stay in host country. The maximum grant for three years will be up to ₹ 39 lakhs/€ 48000. The tenure is for a period of 3 years or till completion of the project whichever is earlier and covers one visit per year for short stay up to one month.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/women-involvement-science-and-engineering-research-wiser>

Research and Development



313. Scientific Research Infrastructure Sharing Maintenance and Networks (SRIMAN)

Focus Area: Science and Technology

Funding Agency
Department of Science & Technology (DST), Govt. of India

The SRIMAN Guidelines aims to promote efficient utilisation and wider access of Research Infrastructure (RI) to scientists, researchers and industry professionals across the country by creating a network of relevant stakeholders.

Intended Applicants: Scientists, Researchers and Industry professionals.

Eligibility: Government scientific departments, Research organisations and grantee agencies that support development of scientific RI, any organisation receiving funds for conducting R&D, Private institutions involved in R&D.

Purpose: Capacity Building.

Application Method: Online.

Link:

<https://dst.gov.in/sites/default/files/SRIMAN%20Guidelines%202022%20Book.pdf>

Research and Development





314. Deep Ocean Mission (DOM)

Focus Area: Earth Atmosphere & Environment Sciences

This scheme is made with a view to explore deep ocean for resources and develop deep sea technologies for sustainable use of ocean resources. Deep Ocean Mission will support the Blue Economy Initiatives of the Government of India.

Funding Agency

**Ministry of Earth Sciences
(MoES), Govt. of India**

Intended Applicants: Public, Students, Academicians and user communities

Purpose: Innovations, Research.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/deep-ocean-mission-dom>

**Research and
Development**



315. Knowledge Resources Center Network (KRCNet)

Focus Area: Earth Atmosphere & Environment Sciences

KRCNet is a unique initiative of the MoES which aims to integrate all knowledge and intellectual resources of MoES and its institutes on a single, dynamic, web portal. Under the Digital India Initiative of the Government of India, the portal is a one-of-its-kind digital knowledge system to collect, collate, catalogue, store and retrieve the knowledge products and services emanating from MoES projects. It is one-point entry to the intellectual world of the MoES.


Funding Agency
Ministry of Earth
Sciences (MoES),
Govt. of India

Intended Applicants: Public, Students, Academicians, and user communities.

Purpose: Capacity Building, Research.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/knowledge-resources-center-network-krcnet>

Research and
Development



316. Research and Development in Earth System Science (RDESS)

Focus Area: Earth Atmosphere & Environment Sciences

The aim of Research and Development in Earth System Science (RDESS) scheme is to improve the understanding of the earth system (atmosphere, ocean, solid Earth, biosphere) that would aid in attaining the national goals set up by MoES. For this, multidisciplinary and multi-institutional projects are encouraged and formulated. These projects are need-based and time-bound. The projects are expected to have an impact on the overall deliverables of Earth system services (weather, climate and marine services) in the country.

Intended Applicants: Researchers and scientists

Purpose: Research.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/research-and-development-earth-system-science-rdess>

Funding Agency

Ministry of Earth Sciences (MoES), Govt. of India

Research and Development

317. Research, Education, Training and Outreach (REACHOUT)

Focus Area: Earth Atmosphere & Environment Sciences

Funding Agency

**Ministry of Earth Sciences
(MoES), Govt. of India**

**Research and
Development**

The objective of this scheme is to support various R&D activities in the thrust areas of different components of Earth system sciences that are theme and need-based, and that would help in attaining the National goals set up for MoES; Develop useful collaborations with international organisations for mutual transfer of advanced knowledge in science and technology in Earth sciences and to provide services to developing countries; Create awareness amongst the public, students, academicians and user communities about the various fields of Earth system science as well as on the achievements and services rendered by MoES; and Develop a skilled and trained workforce in Earth sciences with the support of academic institutions in the country and abroad. MoES implements REACHOUT, which is an umbrella scheme of the following six sub-schemes. 1. Research and Development in Earth System Science (RDESS); 2. Outreach and awareness; 3. Knowledge Resources Center Network (KRCNet); 4. BIMSTEC Centre for Weather and Climate (BCWC); 5. International Training Centre for Operational Oceanography (ITCOcean); 6. Program for development of skilled workforce in Earth system sciences (DESK).

Intended Applicants: Students, academicians and the public

Purpose: Infrastructure, Research.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/research-education-training-and-outreach-reachout>



318. Seismology and Geosciences (SAGE)

Focus Area: Earth Atmosphere & Environment Sciences

Funding Agency

Ministry of Earth Sciences (MoES), Govt. of India

In Seismology and Geosciences (SAGE) scheme several important programmes and activities are underimplemented by MoES with its network of institutions. It includes six activities: 1. Seismological monitoring and microzonation; 2. Geodynamics and surface processes; 3. Indian Ocean: deep ocean observations and dynamics of lithospheric evolution 4. Scientific deep drilling in the Koyraintra plate seismic zone; 5. Seismicity and earthquake precursors; 6. Setting up a facility for geochronology

Intended Applicants: Researchers and scientists

Purpose: Infrastructure, Research

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/seismology-and-geosciences-sage>

Research and Development



319. Polar Science and Cryosphere (PACER)

Focus Area: Earth Atmosphere & Environment Sciences

The objective of this scheme is to improve our understanding of Polar Science and cryosphere system. PACER encompasses the following six components: 1. Construction of polar research vessel 2. Construction of the third research base in Antarctica 3. Indian scientific endeavours in the Arctic 4. Polar expeditions-Antarctica 5. Replacement of Maitri station 6. Southern Ocean.

Funding Agency

Ministry of Earth Sciences (MoES), Govt. of India

Intended Applicants: Researchers and scientists

Purpose: Infrastructure, Research.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/polar-science-and-cryosphere-pacer>

Research and Development



320. Ocean—Services, Modelling, Application, Resources and Technology (O-SMART)

Focus Area: Earth Atmosphere & Environment Sciences

Funding Agency

**Ministry of Earth Sciences
(MoES), Govt. of India**

The objectives of O-SMART (Ocean Services, Modelling, Applications, Resources and Technology) scheme of Ministry of Earth Sciences (MoES) are to generate and regularly update information on Marine Living Resources and their relationship with the physical environment in the Indian Exclusive Economic Zone (EEZ); To periodically monitor levels of sea water pollutants for health assessment of coastal waters of India, to develop shoreline change maps for assessment of coastal erosion due to natural and anthropogenic activities; To develop high resolution models for ocean forecast and reanalysis system; To develop algorithms for validation of satellite data for coastal research and to monitor changes in the coastal research etc.

Intended Applicants: Researchers and scientists

Purpose: Infrastructure, Research.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/ocean%E2%80%94services-modelling-application-resources-and-technology-o-smart>

**Research and
Development**



321. Commissioning of Polarimetric Doppler Weather Radars (DWRs)

Focus Area: Earth Atmosphere & Environment Sciences

The objective of this scheme is Improve upon the spatial and temporal density of Radar observational network, particularly over the regions with large data gaps in the country; Better investigation, monitoring and tracking of Tropical Cyclones during pre-monsoon and post monsoon seasons in the subcontinent; Better investigation, monitoring and tracking of Monsoon Depressions and Lows across the subcontinent; Improvement in the current understanding of the physical processes associated with Tropical Cyclones and Monsoon Systems, including better understanding of convective activity/systems per-se.

Funding Agency

**Ministry of Earth
Sciences (MoES),
Govt. of India**

Funding Agency: Ministry of Earth Sciences (MoES), Govt. of India

Purpose: Infrastructure, Research.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/commissioning-polarimetric-doppler-weather-radars-dwrs>

**Research and
Development**

322. Upgradation of Forecast System

Focus Area: Earth Atmosphere & Environment Sciences

The scheme Upgradation of Forecast System is aimed at improving the accuracy of weather forecasts to bring it at par with the international standards which will help many sectors like army operations, air operation, agriculture, tourism, mountaineering, aviation, roads and communications, power generation, water management, environmental studies, Sports & Adventure, Transport, Government Authorities, NGOs and Public in general.

Funding Agency

Ministry of Earth Sciences (MoES), Govt. of India

Intended Applicants: Researchers and scientists

Purpose: Research.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/upgradation-forecast-system>

Research and Development

323. Weather & Climate Services

Focus Area: Earth Atmosphere & Environment Sciences

The scheme Weather & Climate Services of IMD is a continuing Scheme primarily encompassing ongoing programs in an integrated manner aimed at providing efficient weather and climate services across. The program aims to develop an Advanced Weather Prediction System for block level forecasts, skilful for next 3-5 days and develop advisories for sectors like Agriculture, Disaster Management, Water resources, Power, Tourism and Pilgrimage, Smart cities, Renewable Energy sector and Transport.

Funding Agency

**Ministry of Earth Sciences
(MoES), Govt. of India**

Intended Applicants: Researchers and scientists

Purpose: Research.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/weather-climate-services>

**Research and
Development**



324. Atmospheric Observations Network

Focus Area: Earth Atmosphere & Environment Sciences

The objective of this scheme is sustenance and augmentation of observational networks comprising of Doppler Weather Radars (DWRs), Automatic Rain Gauges (ARGs), Automatic Weather systems (AWSs), Upper Air, Surface and Environmental Observatories etc and Sustenance & Establishment of Multi processing, computing and communication facilities for Satellite Meteorological Applications.

Funding Agency

**Ministry of Earth Sciences
(MoES), Govt. of India**

Intended Applicants: Researchers and scientists

Purpose: Research.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/atmospheric-observations-network>

**Research and
Development**

325. Monsoon Mission (MM-II)

Focus Area: Earth Atmosphere & Environment Sciences

The objective of this scheme is to build a working partnership between the academic and R&D organizations, both national and international, to improve the operational monsoon forecast skill over the country and To setup a state-of-the-art dynamical modelling frame work for improving prediction skill of 'seasonal and extended range predictions' and 'short and medium range (up to two weeks) prediction'.

Intended Applicants: Researchers and scientists

Purpose: Research.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/monsoon-mission-mm-ii>

Funding Agency
**Department of Science
& Technology (DST)**

**Research and
Development**

326. High Performance Computing System (HPCS)

Focus Area: Earth Atmosphere & Environment Sciences

The objective of this scheme is to provide HPCS facility and extend support to neighbouring BIMSTEC countries, Indo-Africa Centre and other African countries ; Make computational resources available to academic and R&D community to improve forecast skill and work on the operational forecasting system; Establish a comprehensive computational and visualization ecosystem to deliver state-of-the-art big-data analytics and artificial intelligence/machine learning framework; Maintain HPCS facility by providing necessary infrastructures and support such as uninterruptible power source (UPS), cooling system, power and generator backup. Fund Research projects on parallelization and scalability of HPC resources and data centre design and practices

Funding Agency

**Ministry of Earth Sciences
(MoES), Govt. of India**

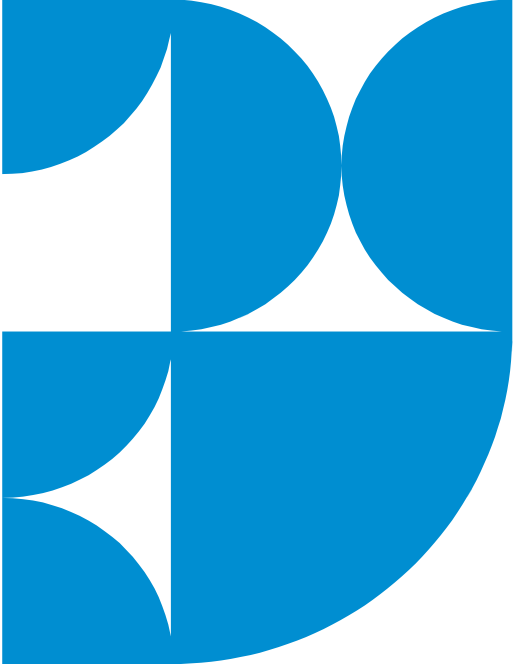
**Research and
Development**

Intended Applicants: Scientists and Reserachers

Purpose: Capacity Building, Infrastructure.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/high-performance-computing-system-hpcs>



327. Monsoon Convection, Clouds, and Climate Change (MC4)

Focus Area: Earth Atmosphere & Environment Sciences

Funding Agency

Ministry of Earth Sciences (MoES), Govt. of India

The MC4 scheme was envisioned to improve the observational database and climate models for enhanced predictive understanding of monsoonal precipitation changes and their impacts in a warming environment. The overarching goal of MC4 is to describe better and quantify interactions among monsoon dynamics, clouds, aerosols, precipitation, and the water cycle in a changing climate.

Intended Applicants: Institutions and organisations working in Earth sciences domain.

Purpose: Research.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/monsoon-convection-clouds-and-climate-change-mc4>

Research and Development

328. Atmospheric, Climate Science and Services (ACROSS)

Focus Area: Earth Atmosphere & Environment Sciences

ACROSS is composed of the 7 Sub-schemes. 1) Monsoon Convection, Clouds, and Climate Change (MC4); 2) High Performance Computing System (HPCS); 3) Monsoon Mission (MM-II); 4) Atmospheric Observations Network; 5) Weather & Climate Services; 6) Upgradation of Forecast System; 7) Commissioning of Polarimetric Doppler Weather Radars (DWRs).

Intended Applicants: Institutions and organisations working in Earth sciences domain

Eligibility: Research organisations OR NGOs with good track record and which are involved exclusively in scientific activities related to Earth System Science domain OR Universities/Deemed Universities/ Govt. or Private Colleges.

Purpose: Research

Funding Cycle: Round the year

Application Method: Online.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/atmospheric-climate-science-and-services-across>

Funding Agency

Ministry of Earth Sciences (MoES), Govt. of India

Research and Development

329. Advanced Hydrogen and Fuel Cell Programme (AHFC)

Focus Area: Hydrogen and fuel cell technologies

The Advanced Hydrogen and Fuel Cell Programme aims to promote and support activities related to indigenous development of new and existing material in large quantities, catalysts, membrane, components for fuel cells, electrolysers, hydrogen storage materials, materials for type IV cylinders and prototypes for implementation of various applications of hydrogen and fuel cell in the country.

Intended Applicants: Scientists, Engineers, Technologists; R&D and Academic Organisations & Laboratories

Eligibility: 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.

Purpose: Innovations, Research

Duration: 2-3 years

Application Method: Online

Fellowship / Financial Assistance: 10 Crore maximum (Funding).

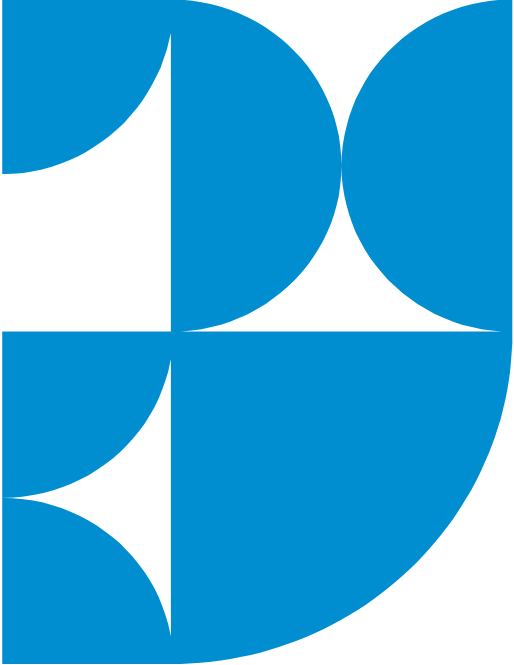
Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/advanced-hydrogen-and-fuel-cell-programme-ahfc>

Funding Agency

Department of Science & Technology (DST), Govt. of India

Research and Development



330. Financial Support for MD/MS/DM/MCh/DNB/ DrNB/MDS Thesis

Focus Area: Medical Research, Life Science and Biotechnology

This Scheme is primarily aimed at promoting good quality research in medical college's students pursuing post graduation courses as well as to improve visibility and accessibility of their research work to larger research audience.

Funding Agency
Indian Council of
Medical Research
(ICMR),
Govt. of India

Intended Applicants: Medical Postgraduates

Eligibility: Medical graduates who are admitted to the Post-graduation course (MCI /DCI recognized) in Institute/ College and who wish to avail ICMR award/financial assistance for pursuing their research project.

Purpose: Research

Funding Cycle: Biannual

Duration: 3 Years and 6 Months

Application Method: Offline

Fellowship / Financial Assistance: Rs 50,000/-

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/financial-support-mdmsdmmchdnbdnrbmids-thesis>

Research and
Development

331. ICMR- Post Doctoral Research

Focus Area: Medical Research, Life Science and Biotechnology

ICMR Post doctoral Research Scheme is being instituted to foster high quality research opportunities to promising fresh Ph.D./ MD/MS holders in the cutting edge areas of basic science, communicable and non communicable diseases, and reproductive health including nutrition at ICMR Institutes /Centers. Special focus will be on fundamental research in areas of science and other priority areas identified by ICMR from time to time.

Intended Applicants: Medical Postgraduates, Ph.D./MD/MS

Eligibility: Fresh PhDs/MD/MS within three years of completing their Ph.D./MD/MS degree (awarded) as on the last date of the application and also those who have received their provisional Ph.D./MD/MS degree can apply. Degree copy to be submitted as on the last date of application form.

Purpose: Research

Duration: 2 to 3 Years

Fellowship / Financial Assistance: Rs. 65,000/- plus House Rent Allowance (HRA) as per Govt. of India rule, Non Practicing allowance (NPA) as admissible and a contingency grant of Rs. 3.0 lakhs per annum.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/icmr-post-doctoral-research>

Funding Agency

**Indian Council of
Medical Research
(ICMR), Govt. of India**

**Research and
Development**



332. ICMR Scheme For MD/MS-PhD Programme

Focus Area: Medical Research, Life Science and Biotechnology

The programme is designed to identify young medical graduates with brilliant academic records for pursuing postgraduate qualifications & to motivate them to opt for career in its research cadre.

Intended Applicants: Medical Graduates/ Postgraduates

Eligibility: Medical graduates who are selected and admitted through national level test to the MD/MS-PhD courses.

Purpose: Research

Funding Cycle: Annually

Duration: 5 Years

Fellowship / Financial Assistance: Junior Resident's salary+ allowances on a running pay scale for 3 years followed by Senior Resident's salary + allowances on a running pay scale for 2 years to selected candidates & contingency grant of Rs.15, 000/- PA. (For item 2.1.8 –for total 3 years).

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/icmr-scheme-mdms-phd-programme>

Funding Agency

**Indian Council of Medical
Research (ICMR), Govt. of
India**

**Research and
Development**

333. ICMR -Adjunct Faculty Scheme

Focus Area: Medical Research, Life Science and Biotechnology

The objectives of Adjunct Faculty scheme is to develop and promote strong collaboration among medical/ academic/scientific institutions/universities; To promote cutting edge research in the country; To promote trans-disciplinary approach and synergize the outside real world with the inside intellectual pursuits of ICMR-Hqrs and ICMR institutes.

Funding Agency

Indian Council of Medical Research (ICMR), Govt. of India

Intended Applicants: Medical Professionals, Scientists, Doctors and Researchers

Eligibility: Medical Professionals, Scientists, Doctors and Researchers in service or retired from national and international agencies / Universities / Institutes

Purpose: Research

Duration: 3 Months

Fellowship / Financial Assistance: A lump-sum amount of Rs 1,00,000/- pm will be granted as remuneration to the outside faculty coming from academic/similar institutions. For persons employed in foreign institutions: One time contingency grant of Rs 100,000/- to meet the expenses of local transport charges, visa fee, and health insurance, attending meetings etc. and, Rs 20,000/- for attending meetings in India.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/icmr-adjunct-faculty-scheme>

Research and Development



334. ICMR Extramural Ad-Hoc

Focus Area: Medical Research, Life Science and Biotechnology

To promote research in the country in the field of biomedical research ICMR provides financial support in the form of ad-hoc projects to Scientists / Professionals who have a regular employment. Types of Extramural Research Programme 1.1. Short duration low cost proposals 1.2. Ad-hoc project - Investigator defined 1.3. Task Force project - Solve a pre-defined problem (Centrally identified) 1.4. Cohort study 1.5. National Registry 1.6. Centers of Advanced Research (CAR) 1.7. Capacity building / support for sustained high quality research.

Funding Agency

Indian Council of Medical Research (ICMR), Govt. of India

Intended Applicants: Scientists/Professionals

Purpose: Research

Duration: 3 to 5 Years

Application Method: Online

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/icmr-extramural-ad-hoc>

Research and Development



335. ICMR-Senior Research Fellowships (SRF)/Research Associate (RA)

Focus Area: Medical Research, Life Science and Biotechnology

Funding Agency

**Indian Council of
Medical Research
(ICMR), Govt. of India**

ICMR provides Research Fellowship and Associateships (SRF/RA) to bright young scientists to carry out research in the field of biomedical research under expert guidance of Scientists/Faculty members at Permanent Research Institutes/Centres of ICMR, other Biomedical research institutes, Medical Colleges and Universities in India. For the SRF and RA proposals are invited periodically. The same are evaluated by Project Review Committee (PRC) consisting of subject area experts, subsequently a yearly review is done by the PRCs to assess the progress and quality of work and based on this review further extension and upgrades are done.

Intended Applicants: Researchers, Post Graduates, PHD

Eligibility: For SRF:- Post Graduate Degree in Basic Science OR Graduate/Post Graduate Degree in Professional Course selected through a process in any one of the following with two year of research experience: a). Scholars who are selected through National Eligibility Tests • - CSIR-UGC, NET. including lectureship (Assistant Professorship) and GATE. B). The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, IJRT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER, etc. For RA:- Ph.D/MD/MS/MDS or equivalent degree or having 3 years of research, teaching and design and development experience after MVSC/M.Pharm/ME/M.Tech with at least one research paper in Science Citation Indexed (SCI) journal

Purpose: Research


Duration: 3 Years

Fellowship / Financial Assistance: For SRF:- Rs. 35000/- For RA-I:- 47000/-, RA-II 49000/- and RA-III 54000/-

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/icmr-senior-research-fellowships-srfresearch-associate-ra>

**Research and
Development**



336. Short Term Studentship (STS)

Focus Area: Medical Research, Life Science and Biotechnology

Funding Agency

Indian Council of Medical Research (ICMR), Govt. of India

The objective of this program is to provide an opportunity to undergraduate medical students to familiarize themselves with research methodology and techniques by being associated for a short duration with their seniors on ongoing research program or by undertaking independent projects.

Intended Applicants: Undergraduate Medical Students

Eligibility: MBBS/BDS students studying in Indian Medical/Dental colleges recognized by MCI/DCI

Purpose: Research

Funding Cycle: Annually

Duration: 2 Months

Application Method: Online

Fellowship / Financial Assistance: Rs. 10,000/- per month

Link: <https://schemes.dhr.gov.in/>

Research and Development



337. ICMR-Junior Research Fellowships (JRF)

Focus Area: Medical Research, Life Science and Biotechnology

Funding Agency

Indian Council of Medical Research (ICMR), Govt. of India

ICMR JRF Examination is the first step in the process of admission to the PhD./ Research Programme through council's support. ICMR holds a national level examination for determining the eligibility of Indian National candidates for the award of Junior Research Fellowships (JRF) through Indian Council of Medical Research. The award of Junior Research Fellowship to the successful eligible candidates will depend on their finding placement in a medical college / hospital / university / national laboratory / institution of higher learning and research as applicable. The award of JRF is made on a merit basis by holding an entrance examination after issuing a countrywide admission notice.

Intended Applicants: Researchers, Post Graduates

Eligibility: Post Graduate Degree (M.Sc./MA) in Basic Science or Post Graduate Degree (M.Sc./MA) in Professional Course

Purpose: Research

Funding Cycle: Annually

Duration: 2 Years

Application Method: Online

Fellowship / Financial Assistance: Rs. 31000/-eligibility group, Rs.40,000/- per month for second eligibility group and Rs.30,000/- per month for third eligibility group.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/icmr-junior-research-fellowships-jrf>

Research and Development

338. Ramalingaswami Re-entry Fellowship

Focus Area: Life Sciences, Biotechnology, Bio-engineering

Ramalingaswami Re-entry Fellowship is to attract high quality Indian brains working abroad to pursue their research interests in life sciences, biotechnology and other related areas in India by providing them an attractive avenue to pursue their R&D interests in Indian institutions.

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

Intended Applicants: Faculty & Scientist, Researchers

Eligibility: The applicant should possess a Ph.D./M.D. or equivalent degree with an outstanding track record as reflected in publications and other recognitions and with at least three years of post- doctoral research experience of which last two years should be from overseas laboratory. Researcher's upto 45 years of age as determined on closing date of application are eligible to apply.

Purpose: Innovations, Research

Duration: 5 to 7 Years

Application Method: Online

Fellowship / Financial Assistance: Rs. 1,00,000/- p.m. and House Rent Allowance (HRA) of Rs. 18,500/- p.m. research/contingency grant of Rs. 10.00 lakh for the 1st & 2nd year; Rs. 7.50 lakh for 3rd & 4th year; Rs. 5.00 lakh for 5th year.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/ramalingaswami-re-entry-fellowship>

**Research and
Development**

339. DAE-Symposia and Conferences

Focus Area: Science and Technology

DAE considers presentation and discussion of the results of R&D in open meetings as an important activity for the promotion of science and technology. Department also sends promising DAE researchers abroad to pursue post-doctoral research work and also to attend and participate in symposia/conferences.

Funding Agency

Department of Atomic Energy (DAE), Govt. of India

Intended Applicants: Faculty & Scientist, Researchers

Purpose: Innovations, Research.

Link: <https://barc.gov.in/symposium/index.html>

Research and Development

340. Programme to encourage research personnel [Non-resident Indian(NRI), Persons of Indian Origin (PIO), Overseas Citizen of India (OCI)] serving abroad, to come back to India for undertaking health research in identified areas

Focus Area: Science and Technology, Medical/Health research

Funding Agency

Indian Council of Medical Research (ICMR), Govt. of India

This Scheme has been designed to provide contractual research positions to the Indian scientists settled abroad who are willing to come back to India on a fulltime basis or for short duration to pursue medical/health research in India and take up health research projects in collaboration with Indian scientists, particularly in areas of national priority

Intended Applicants: Scientists

Eligibility: Person Having M.D./ M.S. / M.D.S. or M.Tech / MVSc./ M.Sc./M. Pharma /M. Tech or equivalent with Ph.D. in topic related to health research are eligible to apply. Candidate should be below the age of 40 years.

Purpose: Innovations, Research

Duration: 3 to 5 Years

Fellowship / Financial Assistance: Rs.12.00 lakhs per annum

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/programme-encourage-research-personnel-non-resident-indiannri-persons-indian-origin-pio-overseas>

Research and Development



341. Initiatives by Homi Bhabha National Institute

Focus Area: Science and Technology

In this scheme scientists belonging to Indian S&T diaspora may be invited as visiting faculty members to some of the Constituents Institutes (Cis) of Homi Bhabha National Institute. It is possible to admit foreign students to five of the constituent institutions of HBNI viz. National Institute of Science Education and Research (NISER), Institute of Physics (IoP), Bhubaneswar, Saha Institute of Nuclear Physics (SINP), Kolkata, Harish-Chandra Research Institute (HRI), Allahabad, and Institute of Mathematical Science (IMSc), Chennai.

Funding Agency

Department of Atomic Energy (DAE), Govt. of India

Intended Applicants: Scientists

Purpose: Innovations, Research.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/initiatives-homi-bhabha-national-institute>

Research and Development

342. Distinguished and Outstanding Scientists Scheme for the Scientists and Technologists of Indian Origin (STIOS)

Focus Area: Science and Technology

Funding Agency
Council of Scientific & Industrial Research (CSIR)

Distinguished and Outstanding Scientists Scheme is for the Scientists and Technologists of Indian Origin (STIOS) to engage global Indian S&T experts in the effort of CSIR focussed on shaping a new S&T landscape to address global scientific challenges.

Intended Applicants: Scientists and Technologists

Eligibility: The position is open both for Indian Citizens and Scientist/Technologist of Indian Origin. The details are as shown below: (1) Proven track record in areas of cutting edge Science & Technology with direct benefit and interest in traditional and high quality fundamental and application oriented S&T experience directly relevant for CSIR and its mandate. (2) Leadership qualities required for building/nurturing new groups of Scientists and technologists in emerging areas of interest to the country, and its problems in keeping with national innovation objective and their effective translation via the CSIR mandate.

Purpose: Innovations, Research

Duration: 5 Years

Application Method: Online/Offline

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/distinguished-and-outstanding-scientists-scheme-scientists-and-technologists-indian-origin-stios>

Research and Development

343. Prime Minister's Fellowship for Doctoral Research

Focus Area: Science, Technology, Engineering, Agriculture, Medicine

Prime Minister's Fellowship Scheme is to attract talent for doctoral research, nurture leadership qualities in scholars, provide exposure to international best practices & innovations, and encourage industrial research in academic institutions.

Funding Agency

**Science and Engineering
Research Board (SERB)**

Intended Applicants: Ph.D., Scientists/ Researchers

Eligibility: The applicant should be a full-time Ph.D. scholar in any recognized Indian university/institute/research laboratory. The scholar's Ph.D. registration date should not be more than 14 months from the date of submission of the application. The applicant should have a valid industry partner who should be ready to support the research project financially as well as provide guidance and mentorship.

Funding Cycle: Throughout the Year

Duration: 4 Years

Application Method: Online

Fellowship / Financial Assistance: Stipend between Rs 55,000/- to Rs 72,800/- per month depending on HRA.

**Research and
Development**

Link: <https://www.primeministerfellowshipscheme.in/>



344. Overseas Visiting Doctoral Fellowship (OVDF)

**Focus Area: Science, Technology, Engineering and Mathematics,
Medicine, Pharma, Agriculture**

Funding Agency

**Science and Engineering
Research Board (SERB)**

The objective of the Overseas Visiting Doctoral Fellowship is to build national capacity in frontier areas of Science and Engineering, which are of interest to India by providing research training to Ph.D. students admitted in the Indian institutions in overseas universities/ institutions of repute and to provide an opportunity to performing Indian research students to gain exposure and access to top-class research facilities in academia and labs in specific Overseas Universities.

Intended Applicants: Ph.D. Students, Scientists/ Researchers

Eligibility: The applicant should have registered for a full-time Ph.D. Degree in any of the recognized Institutions/ Universities in India in Science, Technology, Engineering and Mathematics (including Medicine, Pharma, Agriculture, and related S&T areas) disciplines.

Funding Cycle: Annually

Duration: 12 Months to 18 Months

Fellowship / Financial Assistance: US \$2000 as Fellowship and one-time Contingency/ Preparatory allowances of Rs 60,000/-.

Link:

https://www.icgeb.org/?post_type=fellowships&p=42384

**Research and
Development**

345. Year of Science Chair Professorship

Focus Area: Science, Technology, Engineering and Mathematics

The objective of this award is to recognize outstanding contributions made by Indian scientists of the highest impact in the area of Science, Technology, Engineering, and Mathematics at the national level as well as in the global context.

Funding Agency

**Science and
Engineering
Research Board
(SERB)**

Intended Applicants: Academicians and Scientists

Eligibility: The applicant should be a distinguished Indian Scientist who has made outstanding contributions in any one or more areas of Science & Technology, Engineering, and Mathematics.

Purpose: Awards

Duration: 5 Years

Application Method: Online and Offline

Fellowship / Financial Assistance: Rs 1.0 lakh per month as an honorarium and 10.0 lakh per year as contingencies grant.

Link: <https://prism.serbonline.in/RS-NSC>

**Research and
Development**

346. Synergistic Training program Utilizing the Scientific and Technological Infrastructure (STUTI)

Focus Area: Medical Science, Agriculture Science, Engineering Science

Funding Agency

Department of Science & Technology (DST), Govt. of India

The Scheme 'Synergistic Training program Utilizing the Scientific and Technological Infrastructure' (STUTI) is intended to build human resources and its knowledge capacity through open access to S&T Infrastructure across the country. STUTI scheme envisions a hands-on training program and sensitization of the state-of-the-art equipment as well as towards sharing while ensuring transparent access of S&T facilities.

Intended Applicants: Researchers, School Students and Faculty and Scientist

Eligibility: All Science (including Medical & Agriculture) and Engineering Departments/ Centers having received Government funding for developing R&D Infrastructure under various schemes of DST such as FIST, PURSE, CURIE, SAIF and SATHI are eligible to apply under the STUTI program. It is desirable that the applying institute has prior experience in organizing such trainings and at least 5-year experience of running an R&D facility. The institute should have H-index greater than 10 and i10-index greater than 500.

Purpose: Capacity Building, Infrastructure, Innovations, Research, Travel

Duration: 1 Year

Application Method: Online

Link: <https://dst.gov.in/rd-infrastructure-0>

Research and Development



347. Industrial R&D Promotion Programme (IRDPP)

Focus Area: Engineering Science, Environment Science, Natural and Applied sciences, Agricultural, Medical and Social sciences

Funding Agency

**Department of Scientific
and Industrial Research
(DSIR), Govt. of India**

The objectives of this scheme are to Bring in-house R&D into sharper focus; Strengthen R&D infrastructure in industry and SIROs; Promote R&D initiatives of the industry and SIROs; Ensure that the contributions made by the in-house R&D centres and SIROs dovetail adequately in the overall context of technological & industrial development. There are four sub Scheme under it, which are : 1. Recognition of in-house R&D Units (RDI) 2. Scientific and Industrial Research Organizations (SIRO) 3. Public Funded Research Institutions (PFRI) 4. Fiscal Incentives for Scientific Research (FI).

Intended Applicants: Corporate industry, Organization and Research Institutes, IIT's, IISc, Regional Engineering College (RECs).

Eligibility: The applicant should be a company registered under the Companies Act, 1956 or 2013. The company shall be eligible for consideration only after the completion of three financial years after formation. The applicant should have regular source of income at least during the last two years. The companies seeking recognition to their in-house R&D units should be engaged in manufacture or production or in rendering technical services. The R&D unit(s) should not be located in residential areas but should be operating in premises authorized by the relevant Central/State Government. Independent infrastructure for research activities and adequate technically qualified manpower should be available. At the time of application, the R&D unit(s) should be functional and should have well defined, time-bound R&D programmes leading to development of innovative products and/or technology(ies).

Purpose: Innovations, Research.

Application Method: Online.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/industrial-rd-promotion-programme-irdpp>

**Research and
Development**

348. Access to Knowledge for Technology Development and Dissemination (A2K+)

Focus Area: Engineering Science, Medical Science, Energy Science, Environment Science

Funding Agency
Department of Scientific and Industrial Research (DSIR), Govt. of India

The scheme is part of DSIR-Industrial R&D Programme (IRD). The main objective of this scheme is to provide a platform for the exchange of views, useful insight, and learning for the benefit of industry, academics, consultancy and research organizations, and others. These events would be aimed at increasing awareness, capacity building, and stakeholder engagement on industrial research and innovation issues, resulting in the strengthening of technology development and competitiveness

Intended Applicants: Industry, Academic, Consultancy and Research organizations

Eligibility: All Industry Associations including Sectoral Industry Associations, Export Promotion Councils and Chambers of Commerce and Industry; Central and State Government Departments and their associated bodies including Technical Consultancy Organizations (established by State Government, Financial Institutions & Banks); National R&D Institutions and Organizations including Scientific and Industrial Research Organizations (SIROs) recognized by DSIR and Public Funded Research Institutions (PFRIs) registered with DSIR Approved Universities and Colleges as listed in UGC website except Private Universities Can apply for this scheme

Purpose: Capacity Building

Duration: 1 Year

Application Method: Offline

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/access-knowledge-technology-development-and-dissemination-a2k>

Research and Development

349. Shyama Prasad Mukherjee Fellowship

Focus Area: Chemical Sciences, Life Sciences, Earth, Mathematical, Physical and Engineering Sciences

To commemorate the birth centenary year (2000) of Dr. Shyama Prasad Mukherjee, who was the first Vice-President of CSIR in the Independent India, CSIR has instituted a special fellowship, namely, "DR. SHYAMA PRASAD MUKHERJEE (SPM) FELLOWSHIP" open to toppers of CSIR-UGC JRF (NET) awardees. The objective of this fellowship is to nurture the budding scientific talent and to nourish the objective of pursuit of scientific research.

Intended Applicants: Graduate, Post Graduate

Eligibility: Toppers of CSIR-UGC JRF (NET) awardees: A maximum of 10 SPM Fellowships each in Chemical Sciences and Life Sciences, and 5 each in Earth, Mathematical, Physical and Engineering Sciences will be awarded through interview mode.

Purpose: Innovations, Research

Duration: 2 to 5 Years

Fellowship / Financial Assistance: 1. Rs.36000/- + HRA per month during the first two years of the fellowship and a Contingency grant of Rs.70000/- p.a. 2. Rs.42000/- + HRA per month from third year onwards.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/shyama-prasad-mukherjee-fellowship>

Funding Agency

**Council of Scientific And
Industrial Research
(CSIR), Govt. of India**

**Research and
Development**



350. CSIR Bhatnagar Fellowship

Focus Area: Science & Technology

The objective of the scheme is to leverage expertise of outstanding scientists for innovative technology development, thereby enhancing the technological competitiveness of the nation, and for mentoring young scientists within the system

Intended Applicants: Researchers, Scientist

Eligibility: All active Indian Scientists / Technologists (Retired or in Service), in recognition of their significant scientific and / or technological (including translational) contributions, as evidenced through publications, patents, transfer of technology, honours, awards etc. The candidate should not be more than 67 years of age at the time of nomination.

Purpose: Innovations, Research

Duration: 3 to 5 Years

Application Method: Offline

Fellowship / Financial Assistance: For retired awardees. The amount of Fellowship shall be equivalent to the salary drawn by the Secretary to the GOI after adjusting the pension, if any For awardees in service : The fellowship of Rs. 50,000/- per month over and above the existing salary will be provided.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/csir-bhatnagar-fellowship>

Funding Agency

Council of Scientific And Industrial Research (CSIR), Govt. of India

Research and Development

351. CSIR Young Scientist Awards

Focus Area: Biological Sciences, Chemical Sciences, Earth, Atmosphere, Ocean and Planetary Sciences, Engineering Sciences, Physical Sciences

This award is given to Young Scientists in CSIR system in order to promote excellence in various fields of science and technology. These Awards are known as "CSIR Young Scientist Awards".

Intended Applicants: Researchers, Scientist

Funding Agency: Council Of Scientific And Industrial Research (CSIR), Govt. of India

Eligibility: Any scientist, engaged in research work in any of the CSIR laboratories/ institutes, who is not more than 35 years of age, as reckoned on 26 September (CSIR Foundation Day) of the preceding year, is eligible for the Award. Nominee should be a regular scientific staff of CSIR system and should have joined the CSIR laboratory on or prior to 26 September of the previous year.

Purpose: Innovations, Research

Duration: 5 Years

Fellowship / Financial Assistance: Rs 5 lakh per annum.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/csir-young-scientist-awards>

Funding Agency

**Council of
Scientific And
Industrial
Research (CSIR),
Govt. of India**

**Research and
Development**



352. G N Ramachandran Gold Medal for Excellence in Biological Sciences & Technology

Focus Area: Biological Sciences and Technology

Funding Agency

**Council Of Scientific And
Industrial Research
(CSIR), Govt. of India**

This award is given each year for outstanding contributions to Biological Sciences & Technology.

Intended Applicants: Researchers, Scientist

Eligibility: Any citizen of India engaged in research in Biological Sciences & Technology. Overseas citizen of India (OCI) and Persons of Indian Origin (PIO) working in India are also eligible.

Purpose: Innovations, Research

Duration: 3 Years.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/g-n-ramachandran-gold-medal-excellence-biological-sciences-technology>

**Research and
Development**



353. Sponsored Research Schemes

Focus Area: Science & Technology, Agriculture, Engineering and Medicine

Funding Agency

Council of Scientific And Industrial Research (CSIR), Govt. of India

The 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.

Intended Applicants: Faculty and Scientist

Purpose: Innovations, Research

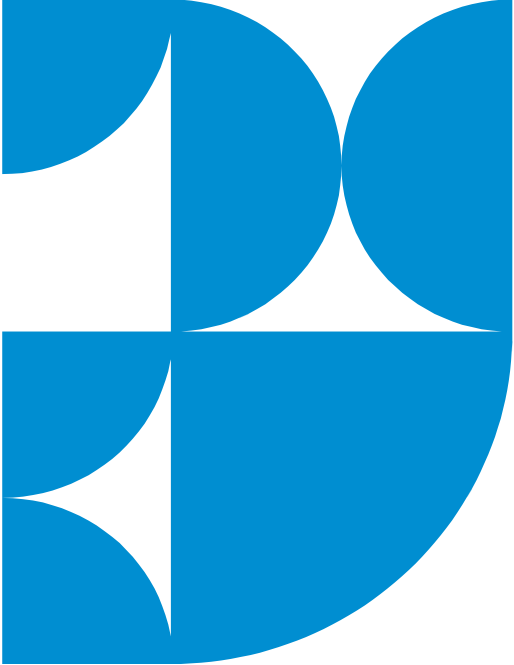
Duration: 3 to 5 Years

Application Method: Offline.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/sponsored-research-schemes>

Research and Development



354. Shanti Swarup Bhatnagar Prize For Science and Technology

Focus Area: Biological Science, Chemical Science, Earth Science, Atmosphere Science, Ocean and Planetary Science, Engineering Science, Mathematical Science, Medical and Physical Sciences

Funding Agency

**Council of Scientific And
Industrial Research
(CSIR), Govt. of India**

The Prize is given each year for outstanding contributions to science and technology. The purpose of this prize is to recognize outstanding Indian work in science and technology.

Intended Applicants: Researchers, Scientist
Eligibility: Any citizen of India engaged in research in any field of science and technology up to the age of 45 years as reckoned on 31st December of the year preceding the year of the Prize. Overseas citizen of India (OCI) and Persons of Indian Origin (PIO) working in India are also eligible.

Purpose: Innovations, Research

Duration: 3 Years

Fellowship / Financial Assistance: Rs 5,00,000/-

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/shanti-swarup-bhatnagar-prize-science-and-technology>

**Research and
Development**

355. Emeritus Scientist

Focus Area: Science & Technology

The Council of Scientific & Industrial Research (CSIR) under the Emeritus Scientist (ES) scheme provides financial assistance to superannuated outstanding scientists to pursue research in their respective fields of specializations especially in those which are of relevance to the programmes and activities of CSIR.

Intended Applicants: Scientists

Eligibility: A scientist who is an acknowledged expert in the field of his specialisation and has been actively engaged in scientific research during the preceding five years of superannuation will be eligible for grants under this scheme

Purpose: Innovations, Research

Duration: 3 to 5 Years

Application Method: Online

Fellowship / Financial Assistance: Rs.20,000/- p.m.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/emeritus-scientist>

Funding Agency

**Council of Scientific And
Industrial Research
(CSIR), Govt. of India**

**Research and
Development**



356. Diamond Jubilee Research Interns Awards

Focus Area: Science & Technology

This Internship is meant to be a preparatory phase for young Interns imbibing the spirit of inquiry and learning the tools and techniques of research through participation and doing.

Intended Applicants: Young Interns

Eligibility: Bachelor's degree holder in Engineering/Technology/Architecture/Pharmacy or Master's degree holder in any branch of science or MBBS degree holder.

Purpose: Innovations, Research

Duration: 2 Years

Fellowship / Financial Assistance: Rs. 24000/- per month.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/diamond-jubilee-research-interns-awards>

Funding Agency

**Council Of Scientific And
Industrial Research
(CSIR), Govt. of India**

**Research and
Development**

357. Senior Research Associateship (Scientist's Pool Scheme)

Focus Area: Natural Sciences, Medical Sciences including Dentistry, Engineering and Technology, Pharmaceutical/ Veterinary Sciences

The Senior Research Associateship (SRA ship) is primarily meant to provide temporary placement to highly qualified Indian scientists, engineers, technologists, and medical personnel returning from abroad, who are not holding any employment in India.

Funding Agency

Council Of Scientific And Industrial Research (CSIR), Govt. of India

Intended Applicants: Scientists, Engineers, Technologists, and Medical persons

Eligibility: Ph.D. Followed by two (2) years of research/teaching experience

Purpose: Innovations, Research

Duration: 3 Year

Application Method: Offline.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/senior-research-associateship-scientists-pool-scheme>

Research and Development



358. Nehru Science Postdoctoral research Fellowship

Focus Area: Basic science, Engineering, Medicine and Agriculture

CSIR-Nehru Science Postdoctoral research Fellowship Scheme has been instituted to identify promising young researchers with innovative ideas and provide them with training and research opportunities in niche areas of basic science, engineering, medicine and agriculture. The scheme aims at facilitating their transition from mentored to independent research career.

Funding Agency
**Council Of Scientific And
Industrial Research
(CSIR), Govt. of India**

Intended Applicants: PhD

Eligibility: PhD degree holders within three years of award of PhD degree, or those who have submitted PhD theses. Applicants should have research publications in high impact factor SCI journals.

Purpose: Innovations, Research

Funding Cycle: Biannual

Duration: 2 to 3 Years

Application Method: Offline

Fellowship / Financial Assistance: Rs. 65,000/- per month plus House Rent Allowance (HRA)

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/nehru-science-postdoctoral-research-fellowship>

**Research and
Development**

359. Research Associateships (RA)

Focus Area: Science & Technology and Medical Sciences

A certain number of RA-ships may be awarded each year directly by CSIR to young research workers who have shown promise in original research and propose to pursue research work in science, engineering, medicine or technology on specific projects. The Associate will do full time research work on problems stated in his/her application and approved by CSIR.

Funding Agency
Council of Scientific and Industrial Research (CSIR), Govt. of India

Intended Applicants: Post Graduate, Post Doctoral

Eligibility: Ph.D. (in a science or engineering subject) or MD/MS/MDS (in medical science subject) or ME/MTech/MPharm/MVSc with three years R&D experience as on the last date of application, evidenced from RAship or associateship or from date of registration of PhD or PhD (science/engineering) thesis submitted and Candidate must have at least one research publication in standard refereed journal as listed in Journal Citation Reports (JCR)

Purpose: Innovations, Research

Funding Cycle: Annually

Duration: 3 Year

Application Method: Online

Fellowship / Financial Assistance: Rs.47,000/- or Rs.49,000/- or Rs.54,000/-

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/research-associateships-ra>

Research and Development

360. Senior Research Fellowships (SRF-Direct)

Focus Area: Science & Technology and Medical Sciences

Council of Scientific & Industrial Research (CSIR) provide CSIR Research Fellowships and Associateships to bright young men and women for training in methods of research under the expert guidance of faculty members/scientists working in University Departments/Institutes of National Importance/National Laboratories and Institutes of CSIR in various fields of Science & Technology and Medical Sciences.

Intended Applicants: MSc/BE/BTech or equivalent degree

Eligibility: MSc/BE/BTech or equivalent degree with at least 55% marks and one publication in SCI Journal and should have completed at least two years of post MSc/BE/BTech research experience; MTech/ME or equivalent degree in engineering/technology with at least 60% marks; BE/BTech or equivalent degree with at least 60% marks and two years research experience as on the last date of application; MBBS/BDS or equivalent with at least 60% marks and one year internship; BPharm/BVSc/BSc(Ag) or equivalent degree with at least 55% marks and one publication in SCI Journal and should have completed at least three years research experience; MPharm/MVSc/MSc(Ag) or equivalent degree with at least 55% marks and one publication in SCI Journal and should have at least one year research experience.

Purpose: Innovations, Research

Funding Cycle: Annually

Duration: 2 to 3 Years

Application Method: Online

Fellowship / Financial Assistance: Rs. 35,000/- pm.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/senior-research-fellowships-srf-direc>

Funding Agency

Council of Scientific and Industrial Research (CSIR), Govt. of India

Research and Development



361. CSIR'S Junior Research Fellowship (JRF) - GATE

Focus Area: Science & Technology and Medical Sciences

The objective of this fellowship is to promote academic excellence in CSIR labs and to generate high level science, the scheme is aimed at GATE qualified engineering graduates and GPAT qualified pharmaceutical graduates to pursue research through a suitable PhD programme in AcSIR or in any other institution.

Funding Agency

Council of Scientific and Industrial Research (CSIR), Govt. of India

Intended Applicants: BE/B. Tech/B.Pharm

Funding Agency: Council Of Scientific And Industrial Research (CSIR), Govt. of India

Eligibility: BE/B. Tech degree holders in engineering discipline with valid GATE score. Candidates with B.Pharm degree and having qualified GPAT. Candidates with B.Tech in Biotechnology with valid GATE score and subject to securing a minimum 85.00 percentile in GATE.

Purpose: Innovations, Research

Duration: 5 Years

Fellowship / Financial Assistance: Rs 31,000/ p.m.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/csirs-junior-research-fellowship-jrf-gate>

Research and Development

362. Shyama Prasad Mukherjee Fellowship

Focus Area: Chemical Sciences, Life Sciences, Earth, Mathematical, Physical and Engineering Sciences

To commemorate the birth centenary year (2000) of Dr. Shyama Prasad Mukherjee, who was the first Vice-President of CSIR in the Independent India, CSIR has instituted a special fellowship, namely, "DR. SHYAMA PRASAD MUKHERJEE (SPM) FELLOWSHIP" open to toppers of CSIR-UGC JRF (NET) awardees. The objective of this fellowship is to nurture the budding scientific talent and to nourish the objective of pursuit of scientific research.

Intended Applicants: Graduate, Post Graduate

Eligibility: Toppers of CSIR-UGC JRF (NET) awardees: A maximum of 10 SPM Fellowships each in Chemical Sciences and Life Sciences, and 5 each in Earth, Mathematical, Physical and Engineering Sciences will be awarded through interview mode

Purpose: Innovations, Research.

Duration: 2 to 5 Years

Fellowship / Financial Assistance: 1. Rs.36000/- + HRA per month during the first two years of the fellowship and a Contingency grant of Rs.70000/- p.a. 2. Rs.42000/- + HRA per month from third year onwards.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/shyama-prasad-mukherjee-fellowship>

Funding Agency

**Council of Scientific
and Industrial
Research (CSIR),
Govt. of India**

**Research and
Development**

363. DAE-Relevant Research Project (RP)

Focus Area: Energy Sciences; Nuclear Sciences

Funding Agency

Department of Atomic Energy (DAE), Govt. of India

Research and Development

Board of Research in Nuclear Sciences (BRNS) supports high quality research & development on advanced concepts of relevance to DAE. The Board of Research in Nuclear Sciences (BRNS) is an advisory body of the Department of Atomic Energy (DAE) to recommend financial assistance to universities, academic institutions and national laboratories. The key objective is to encourage and promote scientific research in areas of relevance to the mandate of DAE in research groups outside DAE to derive benefits from their expertise.

Intended Applicants: Scientists and Engineers

Eligibility: Scientists / Engineers working in universities, academic/ research institutions of higher learning, having a regular position in government recognized universities, academic/ research institutions ONLY are eligible to apply.

Purpose: Research

Duration: 3 years

Application Method: Online

Link: https://brns.res.in/brns_rp.php



364. Dr. K.S.Krishnan

Research Associateship (KSKRA)

Focus Area: Energy Sciences; Nuclear Sciences

With an objective of encouraging talented science and engineering doctorates to pursue a career in scientific research in the field of atomic energy, BRNS instituted a scheme named after the renowned physicist, Dr K. S. Krishnan on the occasion of his Birth Centenary. Under this scheme Research Associates are inducted for a period of two one year.

Funding Agency

**Council of Scientific and
Industrial Research
(CSIR), Govt. of India**

Intended Applicants: Scientists and Engineers

Funding Agency: Department of Atomic Energy (DAE)

Eligibility: For Engineers Master's degree in Engineering (M.Tech./ M.E./M.S.) with a minimum of 2-year R&D experience after obtaining M.Tech./M.E./M.S. degree. For Scientists: Ph.D. degree in Science (Those who have submitted Ph.D. thesis may also apply).

Purpose: Awards

Funding Cycle: twice every year

Duration: upto 2 years

Application Method: Online.

Link: https://brns.res.in/brns_fellowship.php

**Research and
Development**

365. DAE Doctoral Fellowship Scheme (DDFS)

Focus Area: Nuclear Sciences; Energy Sciences

The aim of the programme is to provide an opportunity to work on projects of interest to DAE to those students who aspire to attain the highest academic qualification, 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 to accelerate the speed to translating R&D into technology products and their applications. Since the DGFS (Ph.D.) is aimed at strengthening scholarship in the areas of interest to DAE, the fellowship awardees will be required to enroll for a Ph.D. programme of Homi Bhabha National Institute (HBNI).

Funding Agency

Department of Atomic Energy (DAE), Govt. of India

Intended Applicants: Post Doctoral

Eligibility: Candidates should possess M.E. / M.Tech. or equivalent postgraduate degree in Chemical, Computer, Electrical, Electronics, Instrumentation, Mechanical, Metallurgical/Materials, Nuclear Engineering with minimum 60% Marks.

Purpose: Awards

Application Method: Online

Fellowship / Financial Assistance: Rs.60, 000/- per month.

Link: <https://www.barc.gov.in/careers/ddfs.html>

Research and Development

366. DAE Graduate Fellowship Scheme for Engineering Graduates and Physics Postgraduates

Focus Area: Energy Sciences; Physical Sciences: Chemical Sciences

Funding Agency

Department of Atomic
Energy (DAE), Govt. of
India

Many young professionals like to start their careers only after acquiring an advanced degree. To attract such individuals, DGFS was initiated for inducting engineers at M.Tech./M.Chem.Engg. level in collaboration with eight IITs viz. Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras, Roorkee, BHU-Varanasi and also NIT-Rourkela and ICT-Mumbai. The scheme also strengthens the research-education linkage with premier institutes of the country in areas of interest to DAE. The M. Tech. project work is carried out under the supervision of two guides, one from IIT and the other from DAE. The topics for M.Tech./M.Chem.Engg. projects are proposed by the DAE guides keeping in view the requirements of DAE and the M.Tech./M.Chem.Engg. specialization of the concerned DGFS Fellow.

Intended Applicants: Engineering Graduates and Physics Postgraduates

Eligibility: Indian with age not more than 26 years as on 1st September of the year of admission to M.Tech. Relaxation in age by 5 years for SC/ST and by 3 years for OBC applicants is admissible.

Purpose: Awards

Application Method: Online

Fellowship / Financial Assistance: 56,100 per month.

Link: <https://www.barc.gov.in/careers/officers.html#dgfs>

Research and
Development



367. DAE— Homi Bhabha Chair for Distinguished Scientists /Professors

Focus Area: Energy Sciences; Physical Sciences: Chemical Sciences

Funding Agency

**Department of Atomic
Energy (DAE), Govt. of
India**

The DAE— Homi Bhabha Chair for Distinguished Scientists /Professors is a schemes to give recognition and opportunity to outstanding Scientists and Engineers including those retired/superannuated scientists/engineers who were involved in the development of sensitive and/or critical technologies to carry out research and development work in the fields of their choice and of interest to the Department of Atomic Energy (DAE).

Intended Applicants: Scientists and Engineers

Eligibility: Scientists and Engineers including those retired/superannuated scientists/ engineers who were involved in the development of sensitive and/or critical technologies to carry out research and development work in the fields of their choice and of interest to the Department of Atomic Energy (DAE).

Purpose: Research

Duration: 1-5 year

Application Method: Online

Fellowship / Financial Assistance: Rs.80, 000/- per month.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/dae%E2%80%94homi-bhabha-chair-distinguished-scientists-professors-0>

**Research and
Development**

368. DAE- Raja Rammana Fellowship (RRF)

Focus Area: Energy Sciences; Physical Sciences: Chemical Sciences

Department of Atomic Energy is pursuing a national level fellowship scheme known as “Raja Ramanna Fellowship Scheme” which is intended to utilize the services of active retired scientists, engineers and technologists, who have been involved in high quality research in their specialized disciplines in the units of the DAE or any National Laboratory or University or Institute and who after retirement are keen to carry out R&D in the field of their choice and of interest to the DAE. The host institute of the Raja Ramanna Fellow may be a unit of DAE (including aided institutions) or a University/ Institute or a National Laboratory in India.

Funding Agency

Department of Atomic Energy (DAE), Govt. of India

Intended Applicants: Scientists, engineers & technologists

Eligibility: Scientists, engineers & technologists retired from units of DAE including Aided Institutions.

Purpose: Research

Funding Cycle: 1 Year

Duration: 3 years

Application Method: Online

Fellowship / Financial Assistance: Rs.1,00,000/- per month

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/dae-raja-rammana-fellowship-rrf>

Research and Development

369. Visiting Research Professorship (VRP) Scheme

Area: Life Sciences & Biotechnology

The Scheme was initiated to utilize the expertise of outstanding biotechnology professionals for bringing advancement in the Biotechnology and Life Science related activities in various institutions of research and higher learning in the NER States of India.

Intended Applicants: Scientists and Faculties

Funding Agency: Department of Biotechnology (DBT), Govt. of India

Purpose: Capacity Building.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/visiting-research-professorship-vrp-scheme>

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India**

**Research and
Development**



370. DBT - Scientific Infrastructure Access for Harnessing Academia University Research Joint Collaboration (DBT-SAHAJ Infrastructure)

Focus Area: Life Science and Biotechnology

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India**

The primary goal of DBT-SAHAJ Infrastructure is to create “national” service facility/ research resource/platform and to provide access to resources that could not be provided by any single researcher's laboratory or scientific department but required for data acquisition, analysis and providing the proof of concept to cater the needs of a larger community.

Intended Applicants: Universities and Colleges

Eligibility: Any public and deemed institution/university or private UGC recognized institution/University

Purpose: Capacity Building

Duration: 5 Years

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/dbt-scientific-infrastructure-access-harnessing-academia-university-research-joint-collaboration-dbt>

**Research and
Development**



371. Biotech Science Clusters

Focus Area: Life Science and Biotechnology

The aim to establish Biotech Science Clusters is to make India a world-class bio-manufacturing hub by creating a technology development and translation network across the country through the establishment of bio clusters, incubators, technology transfer centres etc. Till now Four Bioclusters have been established at Faridabad, Bangalore, Kalyani, and Pune to spur innovative research and development and entrepreneurship activities.

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

Intended Applicants: Scientists and Entrepreneurs

Funding Agency: Department of Biotechnology (DBT), Govt. of India

Purpose: Innovations, Research.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/biotech-science-clusters>

Research and
Development



372. DBT- Boost to University Interdisciplinary Life Science Departments for Education and Research Programme (DBT- BUILDER)

Focus Area: Life Science and Biotechnology

The objective is to upgrade the post-graduate teaching and training laboratories in terms of optimal infrastructure such as, renovation of existing laboratory space (no fresh constructions) and cold room, modernization of laboratories involved in PG teaching, acquisition of essential equipment, up-gradation of existing facilities, networking & computational facilities including software & databases, scientific & technical books (no journals), maintenance & refurbishing of existing and new facilities, appoint new faculty, provide fellowships for students, introduce training programmes regroup research activities along the biotechnology innovation chain (from discovery to market), promote academia-industry interaction depending upon the strengths and weaknesses of specific universities

Intended Applicants: Universities and Colleges

Eligibility: UGC recognized Central, State and Private universities / PG colleges

Purpose: Infrastructure

Duration: 5 Years

Application Method: Offline

Fellowship / Financial Assistance: Level I – Post Graduate College with teaching and active research Funding up to Rs. 3.00 Crores for 5 years Level II - University/Institute departments with teaching and active research Funding up to Rs 5.0 Crores for 5 Years Level III – Well established internationally competitive Department / Research Institutes Funding up to Rs 5.0 Crores for 5 Years.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/dbt-boost-university-interdisciplinary-life-science-departments-education-and-research-programme-dbt>

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India**

**Research and
Development**



373. National Super Computing Mission

Focus Area: Environment Science, Chemical Science, Energy Science, Computer Science and Information Technology

The National Supercomputing Mission was launched to enhance the research capacities and capabilities in the country by connecting them to form a Supercomputing grid, with National Knowledge Network (NKN) as the backbone.

Funding Agency

Department of Science & Technology (DST), Govt. of India

Intended Applicants: Academic and R&D institutions

Eligibility: All institutions who are eligible for DST/SERB Funding can apply

Purpose: Innovations, Research

Application Method: Online.

Link: <https://nsmindia.in/>

Research and Development



374. Mission on Nano Science and Technology (Nano Mission)

Focus Area: Nano Science and Technology

Nano Mission provides critical funding to competent groups (preferably from a group of Institutions) to carry out very focused research in Nanoscience and develop nanotechnology-based applications aimed at delivering breakthroughs in Nano S&T and applications in a concerted manner.

Intended Applicants: Scientists/Academicians

Eligibility: Scientists & Technologists from academic/research institutions along with interested Industry/ SIROs, may submit their proposals in a prescribed format.

Purpose: Innovations, Research

Funding Cycle: Round the year

Duration: 3 to 5 Years

Application Method: Online

Link: <https://dst.gov.in/scientific-programmes/mission-nano-science-and-technology-nano-mission>

Funding Agency

**Department of Science & Technology (DST),
Govt. of India**

**Research and
Development**



375. Drugs & Pharmaceutical Research Programme (DPRP)

Focus Area: Life Science, drug Development

The aim of this program is to promote collaborative R&D in the drugs and pharmaceuticals sectors like Chiral synthesis of drugs, Resolution of racemic drugs, Clinical studies, Development of new formulations, and standardization/testing of traditional formulations.

Intended Applicants: Company or Firm

Eligibility: Any Indian company/firm engaged in drug development manufacturing jointly with: (a) National laboratory under CSIR, ICMR, etc. (b) University department/other academic institution such as IIT, IISc., etc. (c) Any other publicly funded R&D Institution.

Purpose: Innovations, Research

Application Method: Online.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/drugs-pharmaceutical-research-programme-dprp>

Funding Agency

Department of Science & Technology (DST), Govt. of India

Research and Development



376. DST- Science, Technology, and Innovation Policy Fellowships Programme (DST- STI-PFP)

Focus Area: Science and Technology

To create a critical mass of policy professional research scholars as well as practitioners, in 2016, DST-PRC launched DST-STI-PFP, a flagship policy fellowship program. DST-STI-PFP provides scientists, engineers and policy enthusiasts, an opportunity to gain exposure from the close quarters of policy making and contribute their knowledge and analytical skills in the STI policy realm. These initiatives started delivering results in various forms of impactful engagements. During the last few years, the initiatives have seen expansion in terms of a number of fellows involved, research footprint/ topics covered, national and international engagement, and events and capacity building initiatives. This resulted in providing knowledge support to DST and other policy making bodies. The fellowship provides an opportunity to develop the skills for young professionals who are interested to engage with the STI policy domain and/or as STI policy researcher contributing towards empowerment of STI policy in the country.

Funding Agency

Department of Science
& Technology (DST),
Govt. of India

Intended Applicants: Scientists and Researchers

Eligibility: Science/medicine/engineering/ social science (with a background of STI policy) academic scholars, STI policy researchers, with good academic record.

Purpose: Innovations, Research

Application Method: Offline

Fellowship / Financial Assistance: 1. STI-Senior Policy Fellow: a fellowship of Rs. 98,000/-(consolidated) per month and an amount up to Rs. 200,000/-will be granted annually to cover research-related costs, travel and contingency. 2. STI-Postdoctoral Policy Fellow: Fellowship of Rs. 80,000/-(consolidated) per month and an amount up to Rs. 1,50,000/-will be granted annually to cover research-related costs, travel and contingency. 3. STI-Young Policy Professional: A fellowship of Rs. 44,000/-(consolidated) per month and an amount up to Rs. 100,000/-will be granted annually to cover research-related costs and contingency.

Research and
Development

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/dst-science-technology-and-innovation-policy-fellowships-programme-dst-sti-pfp>

377. INSPIRE-MANAK (Million Minds Augmenting National Aspirations and Knowledge)

Focus Area: Science and Technology

INSPIRE MANAK (Million Minds Augmenting National Aspiration and Knowledge) an unique initiative aimed at attracting talented school students at an early age (in the age group of 10-15 years and studying in Class 6-10) to study science and pursue a research career, while fostering a culture of innovation among them. This is a scheme of the Department of Science and Technology under its flagship programme Innovation in Science Pursuit for Inspired Research (INSPIRE).

The INSPIRE-MANAK scheme targets ten lakh ideas from more than five lakh middle and high schools across the country every year. Out of these, one lakh ideas are eligible for the INSPIRE Award of Rs. 10,000/- each.

Schools can provide nominations of 5 students through the online mode, every financial year. Received online nominations are scrutinised based on the ideas provided by the students, and selected students participate in District, State and National Level Exhibitions and Competitions. The participants of National Level Exhibition & Competition (NLEPC) are provided mentorship at premier educational and technical institutions of the country. The top sixty projects are rewarded as national winners every year.

Intended Applicants: Students

Eligibility: School Students in the age group of 10-15 years and studying in classes 6 to 10

Purpose: Innovations, Research

Application Method: Online

Fellowship / Financial Assistance: Rs 10,000/-

Link: <https://dstcpriisc.org/about-us-2/dst-sti-policy-fellowship/>

Funding Agency

Department of Science & Technology (DST), Govt. of India

Research and Development



378. State Science & Technology Programme

Focus Area: Science and Technology

Funding Agency

Department of Science & Technology (DST), Govt. of India

The objective of the State Science and Technology (S&T) Programme has been to popularize Science and Technology in the region and create awareness about the benefits of S&T which lead to solving the regional challenges is worth mentioning.

Intended Applicants: State S&T councils

Purpose: Innovations, Research.

Link: <https://dst.gov.in/scientific-programmes/st-and-socio-economic-development/state-science-technology-programme>

Research and Development

379. Forest Biotechnology

Focus Area: Life Science and Biotechnology, , Forest Biotechnology, Earth, Atmosphere and Environment Sciences

The aim of the program is to support R&D projects on Forest Biotechnology with a focus on cutting-edge biotechnological interventions for forest and biodiversity conservation, optimal resource utilization and climate change mitigation, to encourage R&D programs in emerging areas of Forest Biotechnology aiming at conservation of forests; promoting sustainable use of bioresources, such as medicinal plants, tree-borne oil seeds, resin and wax yielding plants; developing tools for mitigation and adaptation of climate change impacts; and enhancing carbon sequestration by the forest vegetation using state-of-the-art biotechnological approaches.

Intended Applicants: Scientist and Researchers.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/forest-biotechnology>

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India

Research and
Development



380. Marine, Microbial Resource, Secondary Agriculture and Food Processing

**Focus Area: Life Science and Biotechnology, Agricultural Sciences,
Microbial Resource**

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

The programme aim is to support R&D projects in all the related areas of Bioresources and Secondary Agriculture biomass biotransformations, bioresource systems analysis, and technologies associated with conversion or production of value added products and processes from natural resources.

Intended Applicants: Scientist and Researchers.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/marine-microbial-resource-secondary-agriculture-and-food-processing>

**Research and
Development**

381. Nanobiotechnology

Focus Area: Life Science and Biotechnology, Medical Science, Agricultural Sciences, Nanotechnology, Nanobiotechnology

The objective of the programme is to advance research and promoting innovation through applications of nanobiotechnology to address issues in health, energy, agriculture and environment.

Intended Applicants: Scientist and Researchers.

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/nanobiotechnology-0>

**Research and
Development**



382. Genome Engineering Technologies (GET) and their Applications

Focus Area: Life Science and Biotechnology, Engineering Science

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

The aim of this program is to encourage R&D programs in emerging genome engineering technologies and their applications through focused calls for proposals in different areas such as the development of new methods, tools, processes, and platforms for genome editing, improvement of existing genome-editing methods, and novel applications of genome editing technologies in Agriculture, Bioenergy, Environmental Research, and Human Health

Intended Applicants: Scientist and Researchers.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/genome-engineering-technologies-get-and-their-applications>

**Research and
Development**



383. Bioinformatics, AI & Big Data

Focus Area: Life Science, Bioinformatics, and Biotechnology, Big data, AI, Computer Science and Information Technology

The objective of this program is to provide a national bioinformation network designed to bridge the inter disciplinary gaps on Biotechnology information and establish link among scientists in organisations involved in R&D and manufacturing activities in the country and to build up information resources, prepare databases on Biotechnology and to develop relevant information handling tools and techniques.

Intended Applicants: Scientist and Researchers.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/bioinformatics-ai-big-data>

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

**Research and
Development**





384. Aquaculture & Fisheries Biotechnology

Focus Area: Fish genomics, Transcriptomics, diagnostics, therapeutics, marine ornamental aquaculture, marine bioprospecting

The aim of the programme is to enhance aquaculture production, productivity and development of useful products and processes from marine resources for the benefit of the society. The department has made concerted efforts towards developing newer diagnostics and therapeutics, improvement in aqua feed, developing novel cell lines etc. through the adoption of molecular tools and techniques.

Funding Agency

Department of Biotechnology (DBT), Govt. of India

Intended Applicants: Scientist and Researchers

Purpose: Research.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/aquaculture-fisheries-biotechnology>

Research and Development





385. Environmental Biotechnology

Focus Area: Life Science and Biotechnology, Environmental Science

The programme has been started with the aim to support research and development programme in the areas relevant to waste management & environmental improvement.

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India**

Intended Applicants: Scientist and Researchers.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/environmental-biotechnology-0>

**Research and
Development**



386. Marine, Microbial Resource, Secondary Agriculture and Food Processing

Focus Area: Life Science and Biotechnology, Agricultural Sciences, Microbial Resource

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

The programme aim is to support R&D projects in all the related areas of Bioresources and Secondary Agriculture biomass biotransformations, bioresource systems analysis, and technologies associated with conversion or production of value added products and processes from natural resources.

Intended Applicants: Scientist and Researchers.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/marine-microbial-resource-secondary-agriculture-and-food-processing>

**Research and
Development**





387. Basic and Fundamental Research

Focus Area: Life Science and Biotechnology

The aim of this program is to support the basic research in life sciences at various institutions levels such as colleges, universities, and R&D institutions in order to create a knowledge-driven biotech sector

Intended Applicants: Scientist and Researchers.

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/basic-and-fundamental-research>

Research and
Development





388. Aquaculture & Fisheries Biotechnology

Focus Area: Fish genomics, Transcriptomics, diagnostics, therapeutics, marine ornamental aquaculture, marine bioprospecting

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

The aim of the programme is to enhance aquaculture production, productivity and development of useful products and processes from marine resources for the benefit of the society. The department has made concerted efforts towards developing newer diagnostics and therapeutics, improvement in aqua feed, developing novel cell lines etc. through the adoption of molecular tools and techniques.

Purpose: Research

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/aquaculture-fisheries-biotechnology>

**Research and
Development**



389. Chronic/Life style Disease - Cancer, Diabetes & Others biology

Focus Area: Life Science and Biotechnology and Medical Science

This Program's aim is to mitigate the problems associated with non-communicable diseases like Cardiovascular Diseases, Hypertension, Asthma, Diabetes, Chronic Respiratory Diseases, Mental Health and Neurological Disorders, Cancers, Musculoskeletal Disorders, and Chronic Kidney Disease.

Intended Applicants: Scientist and Researchers.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/chroniclif-style-disease-cancer-diabetes-others-biology>

Funding Agency

**Department of
Biotechnology (DBT),
Govt. of India**

**Research and
Development**



390. Infectious Disease Biology

Focus Area: Life Science and Biotechnology and Medical Science

This Program's aim is to mitigate the problems associated with HIV/AIDS, tuberculosis, malaria, and other neglected diseases under Infectious Disease Biology Program to reduce the heavy burden of infectious diseases. It solicits a wide array of projects on bacterial, viral, parasitic, and fungal diseases spanning the spectrum from the basic biology of human pathogens and their interaction with human hosts, through translational and clinical research toward the development of new and improved diagnostics, drugs, and vaccines for infectious diseases.

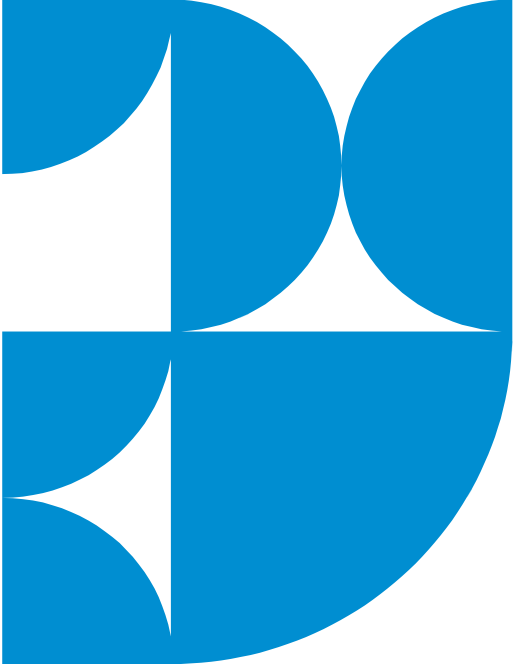
Intended Applicants: Scientist and Researchers.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/infectious-disease-biology>

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India**

**Research and
Development**



391. Stem Cells & Regenerative Medicine

Focus Area: Stem cell and regenerative medicine.

The aim of this Program is to promote basic, early and late translational research in the area of stem cell and regenerative medicine and to promote scientific interactions and collaborations amongst clinicians and researchers, building capacity in this area.

Intended Applicants: Scientist and Researchers.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/stem-cells-regenerative-medicine>

Funding Agency

**Department of
Biotechnology (DBT), Govt.
of India**

**Research and
Development**



392. Partnerships for International Research and Education (PIRE)

Focus Area: Science and Engineering

Funding Agency
Science and Engineering Research Board (SERB) and National Science Foundation

Partnerships for International Research and Education (PIRE) is a program supported by the National Science Foundation (NSF), USA, and promotes international activities across all NSF-supported disciplines. The primary goal of PIRE is to support high quality projects in which advances in research and education could not occur without international collaboration.

Intended Applicants: Researchers

Purpose: Research

Duration: 4 to 5 Years

Fellowship / Financial Assistance: The fellowship amount of US \$24,000 per annum

International: (Country/Agency): India, USA.

Link: <https://www.indiaalliance.org/applicants/fellowships-at-a-glance>

Research and Development



393. Prime Minister's Fellowship for Doctoral Research

Focus Area: Science, Technology, Engineering, Agriculture, Medicine

Prime Minister's Fellowship for Doctoral Research scheme is to attract talent for doctoral research, nurture leadership qualities in scholars, provide exposure to international best practices & innovations and encourage industrial research in academic institutions.

Intended Applicants: PHD Scholars

Funding Agency: 50 % from Science and Engineering Research Board (SERB)+ 50 per cent from the partner company.

Eligibility: Applicant should be a full-time PhD scholar. The applicant should have a valid industry partner who should be ready to support the research project financially as well as provide guidance and mentorship.

Purpose: Innovations, Research

Duration: 4 Years

Application Method: Online

Fellowship / Financial Assistance: Rs 8.7 lakh per annum per candidate (i.e., Monthly stipend of between Rs 55,000.00 to Rs 72,800.00 depending on HRA).

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/prime-minister%E2%80%99s-fellowship-doctoral-research>

Funding Agency

50 % from Science and Engineering Research Board (SERB) + 50 per cent from the partner company.

Research and Development



394. Teachers

Associateship for Research Excellence (TARE)

Focus Area: Life Sciences, Physical Sciences, Chemical Sciences, Engineering Sciences, Earth & Atmospheric Sciences & Mathematical Sciences, Interdisciplinary areas

Funding Agency
**Science and
Engineering Research
Board (SERB)**

This scheme aims to facilitate mobility of faculty members working in a regular capacity in State Universities / Colleges and in private Academic Institutions to carryout research work in an established public funded institution such as IITs, IISc, IISERS, National Institutions (NITs, CSIR, ICAR, ICMR labs and other central institutions) and Central Universities, located preferably nearer to the institution where the faculty member is working.

Intended Applicants: Faculty members

Eligibility: Indian citizen residing in India holding Ph.D. degree in Science or MS / MD in Medicine or M.E. / M.Tech. in Engineering / Technology are eligible to apply.. The upper age limit for the award is 45 years at the time of the submission of application.

Purpose: Research

Funding Cycle: Annual

Duration: 3 Years

Application Method: Online

Fellowship / Financial Assistance: Research fellowship of Rs. 60,000/- per year (in addition to the researcher's own salary) will be provided subject to completion of minimum 90 days research work per year in the host institution. Research grant of Rs. 5 lakhs per annum (50% each to host and parent institution) and overheads (as per SERB norms) will be provided.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/teachers-associateship-research-excellence-tare>

**Research and
Development**

395. Ramanujan Fellowship

Focus Area: All Areas of Science

The scheme provides support to active researchers/ scientists/engineers who want to return to India from abroad and contribute their work for the country.

Intended Applicants: Scientists and Engineers

Eligibility: Indian scientists and engineers working abroad and are below the age of 40 years. The Nominee should possess higher degree or equivalent, such as Ph.D. in Science/ Engineering, Masters in Engineering or Technology/ MD in Medicine, etc. and have adequate professional experience.

Purpose: Capacity Building, Research

Funding Cycle: Rolling

Duration: 5 Years

Application Method: Online

Fellowship / Financial Assistance: Fellowship will be Rs. 1,35,000/- per month (consolidated including HRA). A research grant of Rs.7.00 lakh per annum and Rs.60,000/- per annum as overhead charges.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/ramanujan-fellowship>

Funding Agency

**Science and Engineering
Research Board (SERB)**

**Research and
Development**

396. National Science Chair

Focus Area: Science, Technology, Engineering, Mathematics (STEM) and Medicine

The aim of the scheme is to recognise active eminent senior resident Indian superannuated scientists for their outstanding contributions both nationally and internationally, in the area of Science, Technology, Engineering, Mathematics (STEM) and Medicine, to promote excellence and growth in R&D. The NSC will be implemented in two modes. In the first one, the support will be extended to those senior eminent scientists who after superannuation, continue to be active in research but do not possess a formal supporting arrangement. The other mode will recognize outstanding superannuated scientists to establish a benchmark for stature, value and eminence in national and international Science & Technology (S&T) communities

Intended Applicants: Superannuated Scientists

Eligibility: For Scientific Excellence: The performing senior scientists who have made outstanding contributions to research, as evidenced by S&T output indicators (i.e. publications, patents, technology transfer, software development or an impact on policy) and wish to continue their work in R&D For Science Leadership The nominee should be an active researcher with the tangible impact of work carried out and developing an international reputation as a Research & Development leader.

Purpose: Capacity Building, Research

Duration: 3 to 5 Years

Application Method: Online

Fellowship / Financial Assistance: An amount of Rs 1.5 lakh per month will be given to both modes of awardees as fellowship. The Research Grant in case of Mode-1 and Mode-2 will be Rs 25 lakhs per annum and Rs 5 Lakhs per annum respectively. For overhead expenses, Rs. 1.0 lakh per annum will be given to the host institution.

Link:

<https://anrfonline.in/ANRF/nationalScienceChair?HomePage=New>

Funding Agency

Anusandhan National
research Foundation
(ANRF)

Research and
Development



397. Start-Up Research Grant (Young Scientists)

Focus Area: Science and Engineering

Funding Agency
Science and Engineering
Research Board (SERB)

Start-up grant for Young Scientists is awarded into two new schemes:

1. Early Career Research Award (ECRA): It is a one-time award and carries a research grant up to Rs. 50 Lakhs (excluding overheads) for a period of three years.
2. National Post-Doctoral Fellowship (NPDF)

Intended Applicants: Researchers/Young Scientists

Eligibility: NPDF-The applicant must have obtained Ph.D./M.D./M.S. degree from a recognized University. Those who have submitted their PhD/M.D/M.S thesis and are awaiting award of the degree are also eligible to apply ECRA-The applicant should hold Ph.D. degree in Science or Engineering or M.D or M.S degree in any area of medicine and must hold a regular academic/research position in a recognized academic institution/ or national laboratories or any other recognized R&D institutions.

Purpose: Research

Funding Cycle: Annual

Duration: NPDF-2 Year ECRA- 3 Year

Application Method: Online

Fellowship / Financial Assistance: NPDF-Rs. 55,000/- p.m. + HRA Research Grant-2 lakh ECRA- Research grant up to Rs. 50 Lakhs (excluding overheads).

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/start-research-grant-young-scientists>

Research and
Development

398. National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS)

Focus Area: Cybernetics, Mechatronics, Design and Embedded systems, Internet of Things (IoT), Big Data, Artificial Intelligence (AI)

The Mission aims to create a strong foundation and a seamless ecosystem for CPS technologies by coordinating and integrating nationwide efforts encompassing knowledge generation, human resource development, research, technology and product development, innovation and commercialization.

Intended Applicants: Academic and R&D institutions

Eligibility: Academic and R&D institutions which are within top 50 overall NIRF ranking. R&D Institutions that are operating in R&D, technology development, commercialization, etc. in Engineering and Technology areas for at least 10 years and have expertise in CPS foundational technologies

Purpose: Capacity Building, Infrastructure

Duration: 5 Years

Application Method: Online

Fellowship / Financial Assistance: The financial support for each TIH under NM-ICPS would be about Rs 115 crore in a project mode for a period of five years.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/national-mission-interdisciplinary-cyber-physical-systems-nm-icps>

Funding Agency
Science and
Engineering Research
Board (SERB)

Research and
Development



399. Intensification of Research in High Priority Area (IRHPA)

Funding Agency
Science and Engineering
Research Board (SERB)

The IRHPA program supports proposals in high priority areas where multidisciplinary / multiinstitutional expertise is required. The necessary facilities required for implementing the identified high priority areas will be supported through this scheme. The Programme is under review.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/intensification-research-high-priority-area-irhpa>

Research and
Development

400. Start-up Research Grant (SRG)

Focus Area: Science and Engineering

The Start-up Research Grant (SRG) scheme aims to assist researchers to initiate their research career in a new institution. This grant meant to enable researchers working in frontier areas of science and engineering to establish themselves and move on to the mainstream core research grant. SRG would be a one-time career grant.

Funding Agency

Science and
Engineering Research
Board (SERB)

Intended Applicants: Researchers

Eligibility: The applicant should hold a Ph.D. or M.D./ M.S. / M.D.S./ M.V.Sc degree and must be working on regular basis in academic institutions/national labs or any other recognized R&D institutions. Upper age limit would be 42 years, with a relaxation of three years for SC/ST/OBC/ Physically challenged and women candidates.

Purpose: Research

Duration: 2 Years

Application Method: Online

Fellowship / Financial Assistance: Research grant of Rs. 30 lakh plus overheads for a period of two years.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/start-research-grant-srg>

Research and
Development



401. Mathematical Research Impact Centric Support (MATRICS)

Focus Area: Mathematical Sciences, Theoretical Sciences and Quantitative Social Sciences

Funding Agency
Science and Engineering
Research Board (SERB)

MATRICS Scheme is tailored for active mathematicians/theoreticians with a flexible but fixed budget. The objective of this scheme is to provide support to active researchers with good credentials in Mathematical Sciences, Theoretical Sciences and Quantitative Social Sciences

Intended Applicants: Researchers

Eligibility: The applicant should be an active researcher in the field of (i) Mathematical Sciences and allied areas; (ii) Science and Engineering (excluding mathematical sciences) or (iii) Social Sciences involving quantitative analysis using mathematical, statistical and computational techniques. The applicant should hold a Ph.D. or M.D./ M.S. / M.D.S./ M.V.Sc degree and must be working on regular basis in academic institutions/national labs or any other recognized R&D institutions.

Purpose: Research

Duration: 3 Years

Application Method: Online

Fellowship / Financial Assistance: Research grant of Rs. 2 lakh p.a. plus overheads for a period of three years.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/mathematical-research-impact-centric-support-matrics>

**Research and
Development**

402. Cross-Cutting and Futuristic initiatives (CCFI)

Focus Area: energy / water / environmental systems

Cross-Cutting and Futuristic initiatives (CCFI) aims is to establish science and technology hub/ living lab that focuses on sustainable technologies development for a rural area, creates awareness about sustainable environmental technologies, and offers training to marginal communities as well as cross sector ally explore the nexus of water with energy, food, and health. The major programmes of the initiatives are: Programme on Energy Storage Solutions Digitalisation of Energy Systems and Networks Integrated Technology Interventions for Sustainable Environment Industrial Waste Water.

Intended Applicants: Researchers, Scientists, Institutes

Purpose: Capacity Building, Innovations, Research.

Link: <https://dst.gov.in/cross-cutting-and-futuristic-initiatives-ccfi>

Funding Agency

**Department of
Science & Technology
(DST), Govt. of India**

**Research and
Development**



403. Carbon Capture, Utilisation and Storage (CCUS)

Focus Area: Energy Science, Environment Sciences

The carbon Capture, Utilization, and Storage program (CCUS) aims to reduce carbon emissions by either storing or reusing them so that captured carbon dioxide does not enter the atmosphere.

Intended Applicants: Researchers

Funding Agency: Department of Science & Technology (DST), Govt. of India

Purpose: Capacity Building, Innovations, Research.

Funding Agency

Department of Science &
Technology (DST), Govt. of
India

Research and
Development

Link: <https://dst.gov.in/carbon-capture-utilisation-and-storage-ccus>





404. Clean Air Research Initiative (CARI)

Focus Area: Environment Sciences

The clean Air Research Initiative (CARI) program focuses to identify the technologies that can provide a viable deployable solution to mitigate air pollution and to establish a technical resource unit.

Intended Applicants: Researchers

Purpose: Innovations, Research.

Funding Agency

Department of Science & Technology (DST), Govt. of India

Link: <https://dst.gov.in/clean-air-research-initiative-cari>

**Research and
Development**

405. Hydrogen Research Initiative (HRI)

Focus Area: Energy Science, Environment Sciences

The objective of the Hydrogen Research Initiative (HRI) is to use and produce Hydrogen in multiple ways. It has two programs under it. 1. Hydrogen and Fuel Cell (HFC) which focuses to develop transformational technologies that reduce the cost of hydrogen production, distribution & storage, diversify the feedstock available for economic hydrogen production, enhance the flexibility of the power grid and reduce emissions through novel uses of low-cost hydrogen. 2. Renewable and Clean Hydrogen program that has the objective to accelerate the development of a hydrogen economy by identifying and overcoming key technology barriers to the production, distribution, storage, and use of hydrogen at a gigawatt scale.

Intended Applicants: Researchers

Purpose: Innovations, Research

Link: <https://dst.gov.in/hydrogen-research-initiative-hri>

Funding Agency

**Department of Science
& Technology (DST),
Govt. of India**

**Research and
Development**

406. Clean Fuel Research Initiative (CFRI)

Focus Area: Energy Science, Environment Sciences

Funding Agency

Department of Science & Technology (DST), Govt. of India

The aim of the Clean Fuel Research Initiative (CFRI) is to use the renewable substance which can be used as fuel other than conventional fossil fuels so that they can serve, at least partly, as a substitute for fossil fuel in transportation and have the potential to contribute to its decarbonization and enhance the environmental performance of the transport sector. Some well-known fuels which can be used as Clean Fuels are biomass, biofuel, non-fossil natural gas, vegetable oil, liquefied petroleum gas, synthetic and paraffinic fuels, etc.

Intended Applicants: Researchers

Purpose: Innovations, Research

Link: <https://dst.gov.in/clean-fuel-research-initiative-cfri>

**Research and
Development**

407. Methanol Economy Research Programme (MERP)

Focus Area: Energy Science, Environment Sciences

The objective of the program is to exploit production routes hitherto unexplored but having future potential and requiring research interventions viz development of novel catalysts, utilization of methanol in direct methanol fuel cell, development of engines fuelled on methanol and DME, etc.

Funding Agency

Department of Science & Technology (DST), Govt. of India

Intended Applicants: Researchers

Purpose: Innovations, Research.

Link: <https://dst.gov.in/methanol-economy-research-programme-merp>

**Research and
Development**



408. Smart Grids Research Initiative (SGRI)

Focus Area: Renewable Energy Science, Environment Sciences

Smart Grids Research Initiative (SGRI) initiative aims to conduct research, development, and demonstration to foster technology innovations that are technically feasible, robust, and cost effective to facilitate a greater share of renewable energy in the overall energy mix, and develop research pathways to allow 100% renewable-powered grid eventually.

Funding Agency

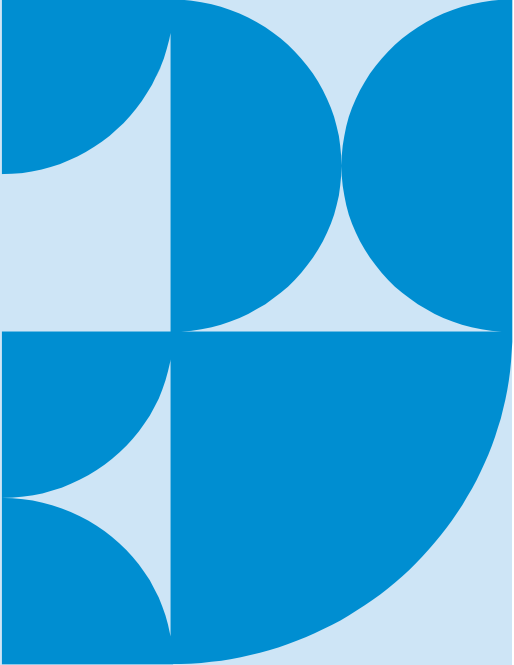
Department of Science & Technology (DST), Govt. of India

Intended Applicants: Researchers

Purpose: Innovations, Research.

Link: <https://dst.gov.in/smart-grids-research-initiative-sgri>

**Research and
Development**



409. Clean Energy Material Initiative (CEMI)

Focus Area: Energy Science, Material Science

Clean Energy Material Initiative (CEMI) initiative aims to accelerate the innovation process for high-performance, low-cost clean energy materials and automate the processes needed to integrate these materials into new technologies. Clean Energy Materials Initiative (CEMI) supports material research and development for a wide range of energy sectors and applications

Funding Agency

Department of Science & Technology (DST), Govt. of India


Intended Applicants: Researchers

Purpose: Innovations, Research

Link: <https://dst.gov.in/clean-energy-material-initiative-cemi>

Research and
Development





410. Building Energy Efficiency Research Initiative (BERI)

Focus Area: Energy Science, Environment Sciences

The focus of the Initiative is to promote R&D activities to improve energy performance of buildings and cities. The programme also supports enhancement of knowledge and practice to save energy in design, construction and operation of human habitats.

Funding Agency

**Department of
Science &
Technology (DST),
Govt. of India**

Intended Applicants: Researchers

Purpose: Innovations, Research.

Link: <https://dst.gov.in/building-energy-efficiency-research-initiative-beri>

**Research and
Development**





411. Clean Coal Research Initiative (CCRI)

Focus Area: Energy Science, Environment Sciences

The main focus of the Clean Coal Research Initiative is to utilise indigenous fuel in clean and efficient way for reducing the carbon footprint. Clean coal technology encompass a new generation of energy processes that sharply reduce air emissions and other pollutants from coal-burning power plants. DST's Call on coal is focused on research, development and demonstration of power generation by using clean coal technologies. The scientific outcome of the proposal should have direct relevance to Indian scenario and should consider harnessing locally available coal efficiently and effectively.

Funding Agency

Department of Science & Technology (DST), Govt. of India

Intended Applicants: Researchers

Purpose: Innovations, Research.

Link: <https://dst.gov.in/clean-coal-research-initiative-ccri>

**Research and
Development**

412. Renewable Energy System (RES) including Solar Energy Research Initiative (SERI)

Focus Area: Energy Science, Solar Energy

Renewable Energy System (RES) including Solar Energy Research Initiative (SERI) initiative aims to develop national research competence to drive down the cost of solar energy through pre-competitive translational research, oriented solar research & human and institutional capacity development.

Intended Applicants: Young researchers

Purpose: Innovations, Research.

Link: <https://dst.gov.in/renewable-energy-system-res-including-solar-energy-research-initiative-seri>

Funding Agency

Department of Science
& Technology (DST),
Govt. of India

Research and
Development



413. Natural Resources Data Management System

Focus Area: Geospatial Science

Funding Agency

**Department of Science &
Technology (DST), Govt. of
India**

NRDMS Programme is the geospatial technology based which aims at promoting R&D for solving area specific problems. NRDMS is supporting seven sub programmes like 1. State Data Infrastructure (State SDIs) 2. Health Geographic Information Science (HGIS), 3. Village Information System (VIS), 4. Revival of Village Ponds, 5. Landslide forewarning System, 6. Large Scale Geological and Geotechnical Mapping from Rishikesh to Kedarnath in Uttarakhand and 7. National Geotechnical Facility. Along with it this scheme is Supporting three new initiatives namely 1. Indo-US Space Borne Gravity Observation Collaboration, 2. Geodesy (Developing geoid model of the country), 3. Coastal Hazard and Risk Assessment.

Intended Applicants: Faculty and Scientists

Eligibility: Faculty members, Scientists, Engineers, Technologists

Purpose: Research

Duration: 2 to 3 Years

Application Method: Online.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/natural-resources-data-management-system>

**Research and
Development**

414. National Good Laboratory Practice Compliance Monitoring Authority (NGCMA)

Focus Area: Good Laboratory Practices

National Good Laboratory Practice Compliance Monitoring Authority (NGCMA) is a quality system of management controls for research laboratories and organizations to ensure the uniformity, consistency, reliability, reproducibility, quality, and integrity of products in development for human or animal health. A number of countries require manufacturers of chemicals viz. Industrial chemicals, Pharmaceuticals, Agrochemicals, Cosmetics Products, Food/ Feed Additives and Medical devices, etc., to establish through data that use of these chemicals does not pose any hazards to human health and the environment. Good Laboratory Practice (GLP) is a system, which has been evolved by Organisation for Economic Co-operation and Development (OECD) used for achieving the above goals. Industries/ test facilities/laboratories dealing with above chemicals and looking for approval from regulatory authorities before marketing them, may apply to the NGCMA for obtaining GLP Certification.

Intended Applicants: Industries/ test facilities/laboratories

Eligibility: Industries/test facilities/laboratories, dealing with chemicals and conducting safety studies for submission to Regulatory Authorities

Purpose: Capacity Building, Infrastructure

Application Method: Online

Link: <https://dst.gov.in/ngcma>

Funding Agency
Department of Science & Technology (DST), Govt. of India

Research and Development



415. Science and Heritage Research Initiative (SHRI)

Focus Area: Science and Heritage Research

Science and Heritage Research Initiative SHRI, is a programme on Heritage Research, plans to engage experts from diverse fields for data capture and analysis, to form new collaborations, and provide viable technology to address cultural heritage related issues.

Funding Agency

Department of Science & Technology (DST), Govt. of India

Intended Applicants: R&D Scientist, Researchers

Purpose: Capacity Building, Innovations, Research

Application Method: Online.

Link: <https://dst.gov.in/science-and-heritage-research-initiative-shri>

Research and
Development



416. Technical Research Centres Programme

Focus Area: Science and Technology

This programme was launched as a follow-up of the budget announcement. There are 05 Technical Research Centres (TRCs) were established during FY 2015-16 in the following DST institutions: Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Trivandrum International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Hyderabad Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bengaluru, Indian Association for the Cultivation of Science (IACS), Kolkata, S.N. Bose National Centre for Basic Sciences, Kolkata.

Intended Applicants: Institutions

Purpose: Research.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/technical-research-centres-programme>

Funding Agency

**Department of Science
& Technology (DST),
Govt. of India**

**Research and
Development**

417. Visiting Advanced Joint Research (VAJRA)

Focus Area: Science and Technology

Visiting Advanced Joint Research (VAJRA) is a Faculty scheme which enables NRIs and overseas scientific community to participate and contribute to research and development in India.

Intended Applicants: NRIs and overseas scientific

Eligibility: Overseas scientist / faculty /R&D professional including Non-resident Indians (NRI) and Persons of Indian Origin (PIO) / Overseas Citizen of India (OCI) and should be an active researcher working with overseas academic / research / industrial organizations with proven track record of research and development.

Purpose: Innovations, Research

Duration: 1 to 3 months

Application Method: Online

Fellowship / Financial Assistance: The VAJRA Faculty is provided a lump-sum amount of US\$ 15000 in the first month of residency in a year and US\$ 10000 p.m. in the other two months to cover their travel and honorarium.

Link: <https://dst.gov.in/vajra>

Funding Agency

Department of Science & Technology (DST), Govt. of India

Research and Development



418. Cognitive Science Research Initiative (CSRI)

Focus Area: Cognitive Science

The Cognitive Science Research Initiative facilitates a platform to scientific community to work for better solution of challenges related with cognitive disorders and social issues. The Individual R&D Projects: Grant is available for R&D projects in any thrust areas identified. Support will be provided for Equipments, Manpower and other research grant. Multi-centric Mega Projects: Multi-centric projects are encouraged to provide better solution of issues related with social relevance, better understanding of neurodegenerative diseases and their therapeutics. Post Doctoral Fellowship: Two years 'Post Doctoral Fellowship' Programme is aimed to develop human resource in Cognitive Sciences. Support for Schools, Training, Workshops, Conferences etc: The CSRI programme extends partial support for organizing conference/seminar/symposia/training programmes/ workshops/schools on a selective basis.

Intended Applicants: Young Scientists, School, Academies, Researchers

Eligibility: Scientists/academicians with research background in Cognitive Science and having regular position. For post doctoral Fellows The Scheme provides Opportunities to Young Scientists (below 40 years) for pursuing innovative research in frontier areas of Cognitive Science.

Purpose: Research

Funding Cycle: Annually

Duration: 3 Years

Application Method: Online.

Link: <https://dst.gov.in/cognitive-science-research-initiative-csri>

Funding Agency

Department of Science & Technology (DST), Govt. of India

Research and Development

419. National Science & Technology Management Information System

Focus Area: Science and Technology

The National Science and Technology Management Information System (NSTMIS), a division of the Department of Science and Technology (DST) is responsible for building the information base on a continuous basis on resources devoted to scientific and technological activities for policy planning in the country.

Intended Applicants: Science and technology Policy Makers

Purpose: Research.

Link: <https://dst.gov.in/scientific-programmes/scientific-engineering-research/national-science-technology-management-information-system-nstmis>

Funding Agency

Department of Science & Technology (DST), Govt. of India

Research and Development



420. Swarnajayanti Fellowships Scheme

Focus Area: Chemical Sciences, Earth & Atmospheric Sciences, Engineering Sciences, Mathematical Sciences, Life Sciences, Physical Sciences

Under this scheme young scientists are provided special assistance and support to enable them to pursue basic research in frontier areas of science and technology.

Funding Agency

Department of Science & Technology (DST), Govt. of India and SERB

Intended Applicants: Faculty and Scientists

Eligibility: The applicant should possess atleast Masters degree in Engineering or Technology/MD in Medicine.

Purpose: Innovations, Research

Funding Cycle: Annually

Duration: 5 Years

Application Method: Online

Fellowship / Financial Assistance: Rs 25000/- per month in addition to the regular salary.

Link: <https://dst.gov.in/scientific-programmes/scientific-engineering-research/human-resource-development-and-nurturing-young-talent-swarnajayanti-fellowships-scheme>

**Research and
Development**



421. Science and Technology of Yoga and Meditation (SATYAM)

Focus Area: Yoga and Meditation

Funding Agency

Department of Science & Technology (DST), Govt. of India

Science and Technology of Yoga and Meditation (SATYAM) programme is aimed to foster scientific research on the effects of yoga and meditation on physical & mental health and on cognitive functioning in healthy people as well as in patients with disorders.

Intended Applicants: Scientists and Academicians

Eligibility: Scientists/academicians with research background in 'Yoga and Meditation' and having regular position. Rich background in 'Yoga and Meditation' and having regular position are invited to participate in this initiative.

Purpose: Research

Duration: 3 Years.

Link: <https://dst.gov.in/science-and-technology-yoga-and-meditation>

Research and Development





422. Sophisticated Analytical & Technical Help Institutes (SATHI)

Focus Area: Science and Technology

Funding Agency

**Department of Science &
Technology (DST), Govt. of
India**

The aim of SATHI is to provide a shared, professionally managed services and strong Science and Technology infrastructure / facilities, with efficiency, accessibility and transparency of highest order under one roof to service the demands of faculty, researchers, scientist and students of Host and User institutes / organisations (including other academic institutes, universities, national laboratories, start-ups, manufacturing and engineering industries, SME's, R&D Labs) to enable them to carry out R&D activities on a round the clock basis with minimum downtime.

Intended Applicants: Faculty, Researchers, Scientist and Students, All Scientific Industry, Start-ups , National laboratories, SME's, R&D Labs and Academia

Purpose: Conference, Infrastructure, Research.

Link: <https://dst.gov.in/sophisticated-analytical-technical-help-institutes-sathi>

**Research and
Development**

423. Promotion of University Research and Scientific Excellence (PURSE)

Focus Area: Science and Technology

The objective of the scheme is to strengthen the research capacity of performing Indian Universities and provide support for nurturing the research ecosystem and strengthening the R&D base of the Universities in the country.

Intended Applicants: Universities and Colleges

Eligibility: UGC Recognized Central Universities/ State Funded Universities/Deemed Universities and Private Universities are eligible to apply under the Scheme. The eligible university should not have received major funding from UGC or government major funding of more than Rs 10.0 crores in the last 5 years, or should not have received support under SAIF/ SATHI or PURSE program of DST in the last 10 years from the date of sanction order

Purpose: Conference, Infrastructure, Innovations, Research, Travel

Duration: 4 Years.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/promotion-university-research-and-scientific-excellence-purse>

Funding Agency

**Department of Science
& Technology (DST),
Govt. of India**

**Research and
Development**

424. Sophisticated Analytical Instrument Facilities (SAIFs)

Focus Area: Science and Technology

Funding Agency

Department of Science & Technology (DST), Govt. of India

The Department of Science and Technology (DST) is providing facilities of sophisticated analytical instruments to researchers through its Sophisticated Analytical Instrument Facilities (SAIF) Programme so that the non-availability of these instruments in their institutes may not come in the way of scientists in pursuing R&D activities requiring such facilities and they are able to keep pace with developments taking place globally. Fifteen Sophisticated Analytical Instrument Facilities (SAIFs) which provide sophisticated analytical instruments to users are functioning.

Intended Applicants: Universities & Educational institutions, Industries

Purpose: Innovations, Research.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/sophisticated-analytical-instrument-facilities-saifs>

Research and Development



425. Innovation in Science Pursuit for Inspired Research (INSPIRE) Programme

Funding Agency

Department of Science &
Technology (DST), Govt. of
India

Focus Area: Science and Technology

The objective of INSPIRE is to communicate to the youth population of the country the excitements of creative pursuit of science and attract talent to the study of science at an early stage and build the required critical human resource pool for strengthening and expanding the Science & Technology system and R&D base. INSPIRE Scheme has included three programs and five components. i) Scheme for Early Attraction of Talents for Science (SEATS), b) Scholarship for Higher Education (SHE) and c) Assured Opportunity for Research Careers (AORC).

Intended Applicants: Young Researchers

Eligibility: Scheme for Early Attraction of Talent (SEATS) aims to attract talented youth to study science by providing INSPIRE Award of Rs 5000 to one million young learners of the age group 10-15 years, ranging from Class VI to Class X standards, and also by arranging summer camps for about 50,000 science students of Class XI with global leaders in science to experience the joy of innovations on an annual basis through INSPIRE Internship. (ii) Scholarship for Higher Education (SHE) aims to enhance rates of attachment of talented youth to undertake higher education in science intensive programmes, by providing scholarships and mentorship. The scheme offers 10,000 Scholarship every year for the talented youth in the age group 17-22 years, for undertaking Bachelor and Masters level education in natural sciences. (iii) Assured Opportunity for Research Careers (AORC) aims to attract, attach, retain and nourish talented young scientific Human Resource for strengthening the R&D foundation and base. It has two sub-components. In the first component i.e. INSPIRE Fellowship (age group of 22-27 years), it offers 1000 fellowships every year, for carrying out doctoral degree in both basic and applied sciences including engineering and medicine. In the second component i.e. INSPIRE Faculty Scheme, it offers assured opportunity every year for 1000 post- doctoral researchers in the age group of 27-32 years, through contractual and tenure track positions for 5 years in both basic and applied sciences area.

Purpose: Innovations, Research

Funding Cycle: Annually.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/innovation-science-pursuit-inspired-research-inspire-programme>

Research and
Development

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

Focus Area: All Science Disciplines

The Scheme “Fund for Improvement of S&T Infrastructure (FIST)” is intended to provide basic infrastructure and enabling facilities for promoting R&D activities in new and emerging areas and attracting fresh talents in universities & other educational institutions. This scheme supports under four levels, Level-0, Level-1, Level-2 and Level-3.

Intended Applicants: Universities & Educational institutions

Eligibility: For University / Degree awarding 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 PG research programs which have existed for at least 3 years or more in universities and other higher educational institutions recognized or regulated by UGC/ AICTE and/or MHRD/ State Education Department based, are eligible seeking support for the 1st time.

Purpose: Infrastructure

Duration: 5 Years

Application Method: Online

Fellowship / Financial Assistance: Level-0 : Up to Rs 1.50 Crore
Level-1: Up to Rs 3.0 Crores
Level-2 : Up to Rs 5.0 Crores
Level-3 : Up to Rs 10.0 Crores

Link: <https://dst.gov.in/scientific-programmes/scientific-engineering-research/fund-improvement-st-infrastructure-higher-educational-institutions-fist>

Funding Agency

**Department of Science & Technology (DST),
Govt. of India**

**Research and
Development**

427. RAPID USAID-TB Diagnostics Programme

Focus Area: TB Diagnostics

BIRAC is supporting new diagnostics for TB in collaboration with US Agency for International Development (USAID) and IKP Knowledge Park. IKP has entered into an agreement with USAID and secured a grant to support 'Innovations in tuberculosis (TB) control in India'.

Funding Agency

Biotechnology Industry
Research Assistance
Council (BIRAC)

Intended Applicants: Healthcare Centres, Pharma companies

Purpose: Research

Duration: 3 Years

International: (Country/Agency): India, USA.

Link: https://www.birac.nic.in/desc_new.php?id=279

Research and
Development



428. BIRAC - NESTA

Focus Area: Biotechnology, Medical Science

BIRAC has collaborated with Nesta, a UK based innovation charity organization, for creating a pipeline of innovators for the Longitude Prize, in the area of Antimicrobial Resistance (AMR). Longitude Prize is an initiative of Nesta focused at finding solutions to help tackle the problems in the AMR domain.

Intended Applicants: Healthcare professionals

Purpose: Innovations, Research

International: (Country/Agency): India, UK.

Link: https://www.birac.nic.in/desc_new.php?id=273

Funding Agency

**Biotechnology Industry
Research Assistance
Council (BIRAC)**

**Research and
Development**

429. IND-Coalition for Epidemic Preparedness Innovations (CEPI)

Focus Area: Medical Science, Life science and Biotechnology

Ind-CEPI Mission aims to strengthen the development of vaccines for the diseases of epidemic potential in India as well as build coordinated preparedness in the Indian public health system and vaccine industry to address existing and emergent infectious threats in India

Intended Applicants: Vaccine Industry

Eligibility: Single or consortia of Indian Company (ies) - Small, Medium or Large. An Indian Company is defined as one which is registered under the Indian Companies Act, 2013 and Minimum 51% of the shares of the Company should be held by Indian Citizens holding Indian passport. The applicant Company/LLP should either have adequate in-house facility to address the project implementation or Incubation with any of the recognized Incubation Facility

Purpose: Research

Duration: 5 Years

Application Method: Online

International: (Country/Agency): India, Switzerland

Link: https://www.birac.nic.in/desc_new.php?id=635

Funding Agency
Biotechnology Industry
Research Assistance
Council (BIRAC)

Research and
Development

430. Promoting Academic Research Conversion to Enterprise (PACE)

Focus Area: Biotechnology

The aim of this scheme is to encourage/support academia to develop technology / product (up to PoC stage) of societal/national importance and its subsequent validation by an industrial partner. The scheme has two components: Academic Innovation Research (AIR) and Contract Research Scheme (CRS)

Funding Agency

Biotechnology Industry
Research Assistance
Council (BIRAC)

Intended Applicants: Public or Private Institute, University, NGO, or Research Foundation

Eligibility: Academia (Public or Private Institute, University, NGO, or Research Foundation) having a well-established support system for research For Public or Private Institute, University, NGO, or Research Foundation, submission of proper registration/accreditation from a government body is mandatory like UGC affiliation certification AICTE, CSIR /DSIR/SIRO certificate/Bye laws of society/Trust Deed etc whichever is applicable. Involvement of industry/LLP is optional for AIR Scheme, it is mandatory to have an industrial partner/LLP for CRS For Industry/LLP as collaborator Minimum 51% of the shares of the Company should be held by Indian Citizens holding Indian passport (Indian Citizens do not include Person of Indian Origin (PIO) and Overseas Citizenship of India (OCI) holders) The collaborating Company/LLP should have adequate in-house facility to address the project implementation or incubated with any of the recognized incubation facility.

Purpose: Capacity Building, Innovations

Funding Cycle: Triannual

Duration: Academic Innovation Research (AIR) - 1 Year Contract Research Scheme (CRS) - No Limit

Application Method: Online.

Link: https://www.birac.nic.in/desc_new.php?id=286

Research and
Development



431. CEFIPRA - BPI FRANCE

Focus Area: Medical Science and Engineering

This CEFIPRA - BPI FRANCE partnership is for promotion of Advanced Research in India to support high quality bilateral research, encourage and enable Indo-French collaboration between public, private research groups, industry, clinicians and end-users.

Intended Applicants: Public, Private enterprises, research groups, Industry, Clinicians

Funding Agency
Biotechnology Industry
Research Assistance
Council (BIRAC)

Eligibility: Proposed Project shall have at least one Company from India and one from France each as joint applicant. A registered Company from India along with the registered company from France or Vis-à-vis shall be the Joint Applicants (1+1 model). The applicant could be start-up / SME Company of both regions. They can have Co- Applicants and Collaborators from Academia, Research Institution, National Laboratory, Clinical Establishment, For Profit Company, Not-for-Profit Organization, Society, LLP, Trust or Foundation.

Purpose: Research

International: (Country/Agency): India, France.

Link: https://www.birac.nic.in/desc_new.php?id=278

Research and
Development

432. Clinical/Public Health Research Centres Scheme

Funding Agency
Department of
Biotechnology (DBT),
Govt of India

DBT/ Wellcome Trust India Alliance initiated this scheme with the aim to improve clinical and public health research ecosystems in India to bridge gaps in human resource, supervision, mentorship, equipment, and administration by establishing virtual Clinical/Public Health Research Centres (CRCs). The CRCs are envisioned as research-oriented centres established with focus on major biomedical research problems and preferably involving multiple institutions. The CRCs are envisioned as research-oriented virtual centres that aim to improve clinical and public health research ecosystems in India and develop physician scientists. It is expected to bring medical schools/hospitals/research institutions together with universities, basic science and engineering institutions etc. to bridge gaps in human resource, supervision, mentorship, equipment, and administration through these centres.

Eligibility: 1. The host institution would have clinical/public health research related infrastructure, provide protected time for trainees and mentors, and other direct research support in order to support the programme. 2. The participating institutions can nominate one PI and up to 3 co-PIs. The PI will be based at the eligible Indian institution. The co-PIs can be based either at an Indian or overseas not-for-profit institution.

Link: <https://www.indiaalliance.org/clinical-public-health-research-centres>

Research and
Development

433. Biomedical Device and Technology Development (BDTD)

Funding Agency

Department of Science & Technology (DST), Govt of India

Department of Science and Technology has initiated a programme on Biomedical Device and Technology Development (BDTD) during 2016 under technology Development Programme. Department was earlier supporting development of instruments for Medical and Healthcare applications through Instrumentation Development Programme. BDTD has been evolved considering the concern of medical device industry for R&D to develop new innovative products as per global standards.

Eligibility: 1. The Project Proposal could be submitted for financial support by scientist/ engineers/ technologists working in Universities and other academic institutions; R&D institutions/ laboratories having adequate infrastructure and facilities to carry out R&D work. 2. Financial support is provided only for temporary staff salaries, equipment, consumables, domestic travel and other miscellaneous items. No support is provided towards basic infrastructure and building and International travel. 3. The investigators/ R&D Group should have adequate experience and expertise in the relevant area of proposal. A Clinician should be involved with investigating team as Co-PI.

Link: <https://dst.gov.in/biomedical-device-and-technology-development-bdtd>

Research and Development



434. Multiplier Grant Scheme (MGS)

The aim of the scheme is to encourage industry to collaborate with premier Academic and Government R&D institutions (hereafter also called institute) for development of products/packages.

Eligibility: Academic and Government R&D institutions.

Funding Agency

Ministry of Electronics
and Information
Technology (MeitY), Govt.
of India

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/multiplier-grant-scheme-mgs>

Research and
Development

435. AICTE-RESEARCH PROMOTION SCHEME (RPS)

Funding Agency

Ministry of Education
(MoE), Govt. of India

RPS Promotes Research in identified thrust areas of in Technical Education. RPS is aimed to create research ambience in the institutes by promoting research in engineering sciences and innovations in established and newer technologies; and to generate Master's and Doctoral degree candidates to augment the quality of faculty and research personnel in the country. The proposal should include a specific project theme with a clear statement of the objectives, details of equipment and other research facilities proposed to be acquired and the expected deliverables from the project.

Eligibility: (a) AICTE approved Technical Institutions/University Departments with relevant PG programme. (b) Full time regular faculty with research experience and publications. (c) The preliminary research facilities should be available in the institute. (d) One proposal from one PI (Principal Investigator) will be sanctioned at any point of time within the duration of project. (e) Maximum number of proposals acceptable per institute (including sanctioned earlier but not completed) shall be five and three from Govt. institute and Pvt. Institute respectively. However, maximum number of proposal acceptable to be approved per institute shall be two for Govt. and Pvt. Institute both.

Link: <https://www.aicte.gov.in/schemes/staff-development-schemes>

Research and
Development

436. DRDO Naval Research Board-Grant-in-aid scheme

Funding Agency

Defence Research and Development Organisation (DRDO), Govt. of India

Project proposal to be submitted in short proposal format to the Member Secretary, NRBAs per the thrust areas of NRB. Proposal will be sent to the concerned naval lab by the NRB office with intimation to the Panel Chairman. If naval lab (NMRL, NSTL, NPOL & DMRL) shows some interest in the proposal, then only PI needs to submit detailed proposal to NRB and PI will be called by the Panel Chairman to present the project proposal in the appropriate panel to get the recommendation for approval. Once project is approved, hard copy of the detailed proposal to be submitted by the PI to the NRB office (in the specified format) through their institutions for financial sanction from the Competent Authority in DRDO HQ.

Eligibility: Grants are offered to IITs, Universities, Colleges, Departments, Laboratories approved Research Institutes, eminent scientists working in reputed R&D Organizations/ Institutes with well-established R&D facilities, Government and non-Government sector etc.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/drdo-naval-research-board-grant-aid-scheme>

Research and Development



437. DRDO Life Sciences Research Board-Grant-in- aid scheme

Funding Agency

Defence Research and
Development Organisation
(DRDO), Govt. of India

The Life Sciences Research Board (LSRB) of Defence Research & Development Organisation (DRDO) was set up to support and strengthen research base in the area of life sciences through projects under Grant-in-Aid Scheme to meet the national needs of Defence Services. To expand and deepen the knowledge base in the area of life sciences in order to harness and nurture the research talent in the academic institutions of the country to meet the national needs of Defence Services.

Eligibility: Grants are offered to IITs, universities, colleges, departments, laboratories approved research Institutes, eminent scientists working in reputed R&D Organizations / Institutes with well established R&D facilities, Government and non-Government sector etc.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/drdo-life-sciences-research-board-grant-aid-scheme>

Research and
Development

438. DRDO Armaments Research Board-Grant-in- aid scheme

Funding Agency
Defence Research
and Development
Organisation (DRDO),
Govt. of India

To enlarge the scientific community in India in the field of armament technology by harnessing and nurturing the research talent available in various academic & research institutions and to develop expertise and technologies in the field of armaments and also in certain cases having direct application to ongoing projects with DRDO. The project proposal may be submitted throughout the year. The project proposal to be submitted in Short Proposal Format as per thrust areas of the panel to the Member Secretary (MS ARMREB). MS ARMREB, in turn, will take the recommendation of respective User Lab and Panel and intimate PI to submit the detailed proposal.

Eligibility: Indian academic institutions of national importance/repute, national science and technology centres, research institutions, non-profit professional societies performing advance research, acclaimed scientists attached to approved research institutions, UGC/AICTE/MHRD recognized self financing / private institutions. Permanent faculty member / researcher as Principal Investigator (PI) of the institutes. PI will be able to take one research project at a time from DRDO funding.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/drdo-armaments-research-board-grant-aid-scheme>

Research and
Development

439. DRDO Aeronautics Research & Development Board Grant-in-aid Scheme

Funding Agency

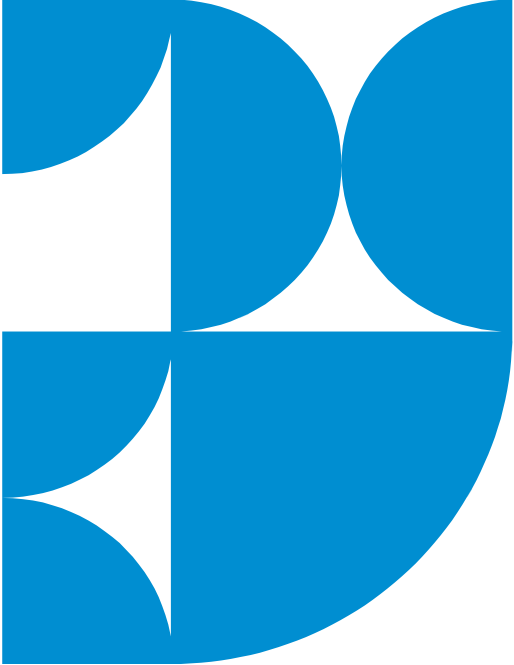
Defence Research and
Development Organisation
(DRDO), Govt. of India

Make India technologically strong by establishing world class cutting edge aeronautical science and technology base to provide our Defence, Space and Civil Aviation sectors a decisive edge by equipping them with internationally competitive systems and solutions. To encourage and fund basic and applied research in pertinent scientific disciplines directly relevant to our aeronautical systems needed for future by enabling and supporting emerging talents, particularly in academic and research institutions to create and evolve a potential knowledge-base system applicable to future aeronautics needs of the country.

Eligibility: The proposal can be submitted by academia/ research institutes (Principle Investigators) available in the country engaged in the field of aeronautics. Grants are offered to Indian academic institutions of national importance/repute, national science and technology centres, research institutions, non-profit professional societies performing advance research, acclaimed scientists attached to approved research and also private institutions.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/drdo-aeronautics-research-development-board-grant-aid-scheme>

Research and
Development



440. RESPOND (Sponsored Research)

Funding Agency

Department of Space &
ISRO

ISRO started the RESPOND (Sponsored Research) programme in the 1970s, with the objective of encouraging academia to participate and contribute in various Space related research activities. Under RESPOND, projects are taken up by Universities/Academic Institutions in the areas of relevance to Space Programme. ISRO has evolved the RESPOND programme through which necessary financial and technical support is provided to academia in India for conducting research and development activities related to Space Science, Space Technology and Space Applications. This is the flagship programme of ISRO to promote the extra-mural research in emerging areas of Space at Academia.

Eligibility: The proposals may be submitted by the faculty of Space Technology Cells (STCs) and Regional Academic Centre for Space (RAC-S) established at various IITs/NITs and premier institutes across the country based on the call for proposals by the respective institutes.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/respond-sponsored-research>

Research and
Development

441. Environmental Biotechnology

The aim of the Biodiversity Conservation and Environmental Biotechnology programme is to solve environmental problems in a sustainable way through the use of biotechnology.

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

Eligibility: Faculties and scientists of any university or organization.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/environmental-biotechnology>

Research and
Development



442. Energy Biosciences- Biofuel

The programme supports the R&D toward development of cost effective next generation biofuels like algal biodiesel, cellulosic ethanol, bio butanol and bio hydrogen. While the government is garnering efforts to make India the clean energy world capital, the Department of Biotechnology (DBT) has flagged clean energy and Swachh Bharat—waste to energy, as two of its key missions.

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India

Eligibility: Faculties and scientists of any university or organization.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/bioenergy>

Research and
Development

443. Public Health and Nutrition

The major areas covered under this programme are Food Processing, using biotech interventions, Nutrition Biology, Addressal of micro and macro nutrient deficiencies through development of fortified foods with generation of clinical evidence, Health care products/ Nutraceuticals/Dietary food supplements, Probiotics for holistic health, Addressal of Celiac diseases, Addressal of Vitamin B12 deficiency, Nutriepigenomics, Postharvest processing and value addition, Food safety and allergenicity, Shelf life extension of perishable foods, etc.

Eligibility: Faculties and scientists of any university or organization.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/food-and-nutrition>

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India

Research and
Development



444. High Impact Severe Weather Warning System

Ministry of Earth
Sciences (MoES)

The programme has the following objectives: To carry out field research through observations and modeling to improve the basic understanding of severe weather processes, Development and testing of cloud resolving model to improve forecast & warning of severe weather systems, Development of Observation Test Beds for severe weather systems.

Eligibility: Participating Institutions: National Centre for Medium Range Weather Forecast (NCMRWF), Noida; India Meteorological Department (IMD), New Delhi.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/high-impact-severe-weather-warning-system>

Research and
Development



445. Centre for Atmospheric Technology

The programme aims to establish an exclusive Centre for Atmospheric Technology to develop indigenous capabilities in India through innovative efforts towards development of contemporary instrumentation sensors/communication assembly components for atmospheric measurements.

Funding Agency
**Ministry of Earth
Sciences (MoES)**

Eligibility: Participating Institution: India Meteorological Department (IMD), New Delhi; Indian Institute of Tropical Meteorology (IITM), Pune; National Institute of Ocean Technology (NIOT), Chennai.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/centre-atmospheric-technology>

**Research and
Development**





446. Aviation Services

The programme has the following objectives: Upgradation of Airport Meteorological Instruments (AMIs) at runway locations for the major airports, Aviation Weather Decision Support System (AWDSS) for four metro airports, Implementation of Aircraft Meteorological Data Relay (AMDAR).

Eligibility: Participating Institution: India Meteorological Department (IMD), New Delhi.

Funding Agency

**Ministry of Earth
Sciences (MoES)**

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/aviation-services>

**Research and
Development**

447. Agro Meteorology

Agrometeorological services programme of the Ministry has a direct impact on agricultural production. The services are available in 550 districts. Farmers receive advisories before various stages of farming. Currently, about 25 lakh farmers are using this information through mobiles. This programme would be continued to have larger coverage with improved advisories, and having closer coordination with State government authorities.

Funding Agency
Ministry of Earth
Sciences (MoES)

Eligibility: Any Agricultural University.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/agro-meteorology>

Research and
Development



448. Numerical Modeling of Weather & Climate

The objective of this programme is to improve the accuracy, reliability and range of weather forecasts through better understanding of atmospheric processes and their representation in numerical model, assimilation of data from all available platforms including satellites/radars, and use of ensemble and multi-model ensemble techniques.

Funding Agency

Ministry of Earth Sciences
(MoES)

Eligibility: Participating Institution: National Centre for Medium Range Weather Forecasting (NCMRWF), Noida.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/numerical-modeling-weather-climate>

Research and
Development





449. Animal Health

The scheme aims for development of affordable new generation vaccines and diagnostics against a plethora of animal diseases. The emphasis is to suffix “C” to the R & D programmes to make way for the ‘commercialization’ of the developed leads, products and processes.

Eligibility: Faculties and scientists of any university or organization.

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/animal-health>

Research and
Development



450. Animal Production

The programme aims to enhance production and productivity of livestock sector through biotechnological interventions in nutrition, breeding, genetics and byproducts etc; to provide R&D support for generation of new knowledge in the priority areas of livestock production, to develop skill pool to meet R&D requirements of the sector and to achieve excellence in innovation, technology generation for enhancing animal production in the country.

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

Eligibility: Faculties and scientists of any university or organization.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/animal-production>

Research and
Development





451. Agriculture Biotechnology

The scheme involves genomic level research for effectively tackling problems of biotic/abiotic stresses and aims towards enhancement of crop productivity, and for improvement of their nutritional quality.

Eligibility: Faculties and scientists of any university or organization.

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/agriculture-biotechnology>

Research and
Development





452. Environmental Biotechnology

The aim of the Biodiversity Conservation and Environmental Biotechnology programme is to solve environmental problems in a sustainable way through the use of biotechnology.

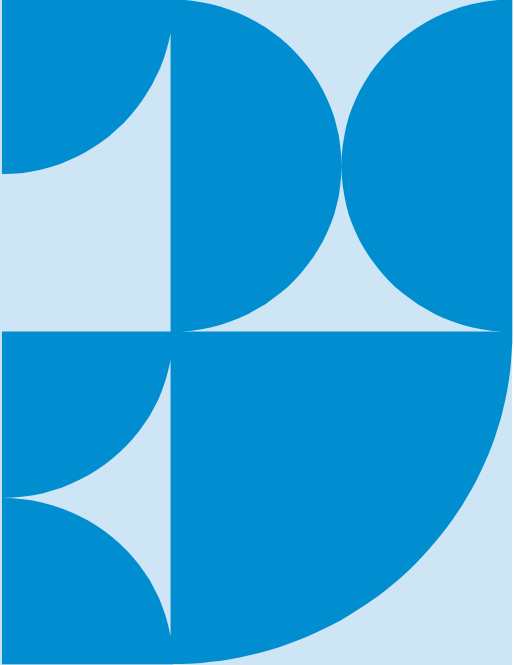
Eligibility: Faculties and scientists of any university or organization

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/environmental-biotechnology>

Research and
Development



453. Bio-systems and Bioprocess Engineering

The scheme aims to find innovative and efficient solutions for the development and improvement of sustainable bioprocesses of commercial interest, taking into account the environmental requirements and constraints involved in large scale production processes.

Funding Agency

Department of
Biotechnology (DBT),
Govt. of India

Eligibility: Organisations with commercial interest.

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/bio-systems-and-bioprocess-engineering>

Research and
Development





454. Genome Engineering Technologies and their applications

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India

This Scheme supports proposals related to creation of core facilities for making state-of-the-art genomic technologies accessible; pre-, post-, and genomic pipelines and platforms; data analysis and informatics; innovation on existing technologies for easy adoption; new applications of existing genomic technologies; training programs and workshops; exchange visits and programs for development of inter-disciplinary human resources.

Eligibility: Faculties and scientists of any university or organization.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/genome-engineering-technologies-and-their-applications>

Research and
Development





455. Basic Research in Modern Biology

The main focus areas include Biochemistry, Cell & Molecular Biology, Structure Biology & Biophysics, Cellular & Molecular Immunology, Microbiology, Plant Molecular Biology, Synthetic Systems & Chemical Biology, and Reproductive & Developmental Biology. These efforts are directed at conceiving and developing fundamental new ideas, approaches, and methods for addressing some of the most intriguing and challenging aspects of the living organisms.

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India

Eligibility: Faculties and scientists of any university or organization.

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/basic-research-modern-biology>

Research and
Development



456. New Idea Fund Scheme

The scheme is meant for perusing hitherto unreported novel ideas having far reaching scientific or industrial implication. The tenure of the scheme is normally two years.

Eligibility: Scientists from Indian R&D institutions and faculty members from universities, in partnership with a CSIR laboratory.

Funding Agency

Council of Scientific &
Industrial Research
(CSIR)

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/new-idea-fund-scheme>

Research and
Development





457. Materials for Energy Conservation and Storage (MECSP)

Funding Agency

Department of Science &
Technology (DST), Govt. of
India

Materials for Energy Conservation and Storage (MECSP), a theme based initiative to support research and development for entire spectrum of energy conservation and storage technologies from early stage research to technology breakthroughs in materials, systems and scalable technologies to maximise resource use efficiency. This initiative supports feasibility assessment of fresh ideas/ concepts, including various emerging and disruptive technologies, for their potential conversion into useful technology/ product.

Eligibility: This call invites proposals from Indian applicants in multidisciplinary consortium only. The consortium must involve a minimum of five academic / research institutions to submit a proposal for multi-institutional research centres.

Link: <https://dst.gov.in/callforproposals/multi-institutional-centres-materials-energy-conservation-and-storage-platform>

Research and
Development





458. Infectious Disease Biology Programme

The emphasis of the programmes supported is to develop preventive, therapeutic and diagnostic tools for major infectious diseases like Hepatitis, Influenza, Chikungunya, Malaria, Leishmaniasis, HIV/AIDS, Dengue, etc.

Eligibility: Faculties and scientists of any university or organization.

Funding Agency

Department of
Biotechnology (DBT), Govt.
of India

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/infectious-disease-biology-programme>

Research and
Development



459. Hydrogen TwentyFifty Programme

The scheme aims at developing methods for devising foresight strategies for utilisation of hydrogen as a source of clean energy in transportation and other applications.

Eligibility: Faculties and scientists of any university or organization.

Funding Agency
Department of
Science & Technology
(DST), Govt. of India

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/hydrogen-twentyfifty%C2%A0programme>

Research and
Development



460. Nano Science Scheme

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.

Eligibility: Faculties and scientists of any university or organization.

Funding Agency

Department of Science &
Technology (DST), Govt. of
India

Link: <https://dst.gov.in/scientific-programmes/mission-nano-science-and-technology-nano-mission>

Research and
Development



461. Nano Bio Scheme

This scheme is designed to produce interdisciplinary researchers and engineers capable of creating fusion fields of nano, bio and information science and engineering.

Funding Agency

Department of Science & Technology (DST), Govt. of India

Eligibility: Faculties and scientists of any university or organization.

Link: <https://dst.gov.in/scientific-programmes/mission-nano-science-and-technology-nano-mission>

**Research and
Development**

462. NIDHI-Centers of Excellence (NIDHI-COE)

Business incubation has been globally recognized as an important tool for economic development and job creation. Innovation and Entrepreneurship Division of Department of Science and Technology (DST) has been supporting the technology based startups through its flagship programme of “Technology Business Incubator”. Technology based new enterprises are high risk and high growth ventures, and they require an enabling environment like NIDHI-Centre of Excellence (NIDHI-CoE) to enhance the prospects of their success.

Eligibility: a. The proposal is to be submitted by an existing Incubator, which has been in existence for at least five years. The host institute is supposed to provide adequate expertise and infrastructure for scaling up of existing incubation activities. b. In non-academic institution, it should be a legal entity registered in India with the clear purpose and objective of promoting research, innovation and entrepreneurial ecosystem. It would be essential to have partnership with at least one academic institute of repute / technical institutes of repute/existing TBIs or STEPs/institutions/government bodies engaged in promotion of innovation and entrepreneurship. c. The financial support for establishing a NIDHI-CoE would be extended to a not-for-profit legal entity registered as a society/trust/section 8 company. DST requires a NIDHI-CoE to collaborate with an industry, an academic institution and with other institutions of repute focusing on innovation, research, commercialization and startup promotion. DST, at present, does not support for-profit incubators. d. The host institution should be in existence for at least 8 years. This will not apply to entities created by the central government or state governments. DST would welcome partnership with the State Governments and other Departments of Central Government. Support shall be extended in setting up of NIDHI-CoE in PPP mode. Partnerships with complementing expertise shall be encouraged. It is expected that 30% of the total project cost is funded by the collaborating partner. A MoU defining different roles and responsibilities between collaborating partners should be submitted along with the application. The funding should be given to the not-for-profit entity created for managing NIDHI-CoE. e. The proposals which are not complete or do not provide information on 15 point of eligibility criteria (SI No 8 in Proforma for Application), will not be considered.

Funding Agency

Department of Science
& Technology (DST),
Govt. of India

Research and Development

Link: <https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/nidhi-centers-excellence-nidhi-coe>



463. NIDHI-Accelerator - Fast tracking a start-up through focused intervention

Focus Area: Biomedical/ Biotechnological solution

Funding Agency

**Department of Science &
Technology (DST), Govt. of
India**

National Science and Technology Entrepreneurship Development Board (NSTEDB) of the Department of Science and Technology (DST), Govt. of India is supporting Technology Business Incubators primarily in and around academic, technical and management institutions to tap innovations and technologies for venture creation by utilizing expertise and infrastructure already available with the host institution. Accelerator is a typically a 3-6 months' fast track structured program helping ideas get accelerated to the next orbit. An accelerator aims at achieving one or more of the following objectives - introduction to entrepreneurial development to identify business opportunities (real problems that require real solutions), validate product ideas, engage with potential customers, build a scalable business model, build a product demonstration, manage team dynamics and pitch to investors. The Accelerators can be used to boost the Incubator's existing activities to build attractive high quality startups, and have a customer centric validation model which enhances investment readiness as well as worthiness.

Research and Development

Eligibility: The proposal for running an Accelerator Program may be submitted by a TBI having NSTEDB recognition and experience of running at least one program of national / regional scale of promoting entrepreneurship (including accelerator or entrepreneur development program).

Link:

<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/nidhi-accelerator-fast-tracking-start-through-focused-intervention>



464. National Initiative for Developing and Harnessing Innovations TECHNOLOGY BUSINESS INCUBATOR (NIDHI-TBI)

Funding Agency

Department of
Science &
Technology (DST),
Govt. of India

Innovation and Entrepreneurship Division of the Department of Science and Technology, Government of India is supporting Technology Business Incubators primarily in and around academic, technical and management institutions to tap innovations and technologies for venture creation by utilizing expertise and infrastructure already available with the host institution.

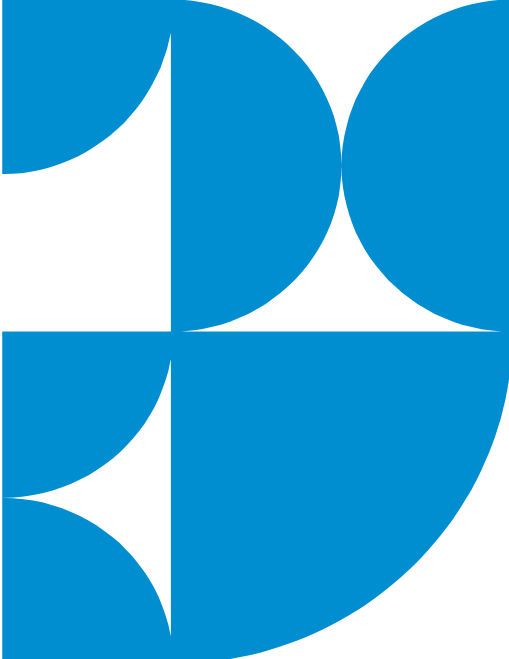
Eligibility: Any Academic/Technical/R&D and other Institutions engaged in promotion of innovation, technology development & commercialization or involved in promotion of startups can act as Host Institute (HI).

Link:

<https://www.indiascienceandtechnology.gov.in/listingpage/national-initiative-developing-and-harnessing-innovations-technology-business-incubator-nidhi-tbi>

Research and
Development





FUNDING AGENCY

Indian Council of Social Science Research (ICSSR)

The Indian Council of Social Science Research (ICSSR) is the apex body of the Government of India for research in the social and human sciences. Founded in 1969, ICSSR operates under the aegis of the Ministry of Education, Government of India. ICSSR plays a pivotal role in advancing knowledge and understanding of various social issues and challenges, and providing research-based solutions to policymakers and stakeholders in the development of the nation through initiatives and schemes such as research projects; doctoral, postdoctoral, senior fellowships, and national fellowships; research internships; training and capacity building of early career researchers; publication grants; national and international seminars, conferences and workshops; publication of cutting-edge research; national and international collaboration; promotion of social science and humanities research through research institutes, recognized institutes and regional centres. Documentation centre of ICSSR - National Social Science Documentation Centre (NASSDOC) - provides library and information support services to researchers in social sciences. ICSSR's mission is to shape the agenda of social science research across the nation and contribute to informed policymaking and societal development by promoting research excellence.



465. Doctoral Fellowships

Doctoral Fellowships are open to doctoral students, preferably below the age of 40 years, who have a Master's degree from a recognized university with a first or second class and are registered for a doctoral degree in social sciences.

Funding Agency
ICSSR

Link: <https://icssr.org/fellowships>

Fellowship





466. Post-Doctoral Fellowships

Funding Agency
ICSSR

Post-Doctoral Fellowships are awarded to scholars, below the age of 45 years, who have shown significant competence in research work, have completed their Ph.D. at the time of their application and desire to work on approved research themes at institutions of excellence under the guidance of senior social scientists.

Link: <https://icssr.org/fellowships>

Fellowship





467. Senior Fellowships

Senior Fellowships are awarded to social scientists between the age group of 45-70 years, who have done Ph D and have quality research work, publications and papers in professional journals to their credit. Besides, civil servants, journalists and social workers for their academic interests are also considered.

Funding Agency

ICSSR

Link: <https://icssr.org/fellowships>

Fellowship



468. National Fellowships

National Fellowships are offered to eminent retired social scientists, who have made outstanding contribution to research in their respective fields, to enable them to continue their academic work and research.

Link: <https://icssr.org/fellowships>

Funding Agency

ICSSR

Fellowship






469. Impactful Policy Research in Social Science (IMPRESS)

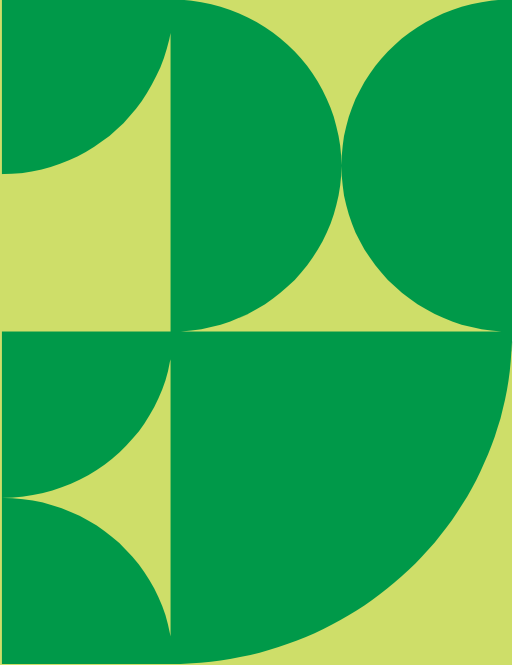
The scheme aims to encourage social science research in policy relevant areas so as to provide vital inputs in policy-formulation, implementation and evaluation.

Funding Agency
ICSSR

Link: <https://icssr.org/special-calls-research-studies>

**Special Calls for
Research Studies**






470. Studies of the culture, history and geography of the Scheduled Tribes

The ICSSR invites Research projects that propose to comprehensively and authentically record the specific geographies, histories, skills, technologies, stories, songs, beliefs and rituals of specific Janajatis of India.

Link: <https://icssr.org/special-calls-research-studies>

Funding Agency
ICSSR

Special Calls for
Research Studies





471. History and Sociology of Art, Craft, Culture and Folk Traditions of the Regions of India

Funding Agency
ICSSR

Study of the folk forms, festivals, sculptures, art and architecture, paintings, music, dance forms, literature, rites and rituals, performance based artistic representations, community practices, sects, doctrines, metaphysics and cosmogony of Bharat will open new vistas of knowledge.

Link: <https://icssr.org/special-calls-research-studies>

Special Calls for
Research Studies




472. Short-term Empirical Research

These grants are designed to enable social scientists to engage in pioneering research endeavors across a wide spectrum of social science disciplines, encompassing thematic areas with profound theoretical, conceptual, methodological, and policy implications.

Funding Agency
ICSSR

Link: <https://icssr.org/special-calls-research-studies>

**Special Calls for
Research Studies**






473. Vision Viksit Bharat @ 2047

To realize vision of Viksit Bharat within the stipulated time, Bharat requires strategic policy intervention and research- based reforms that will expedite the assessment of the potential talent and capabilities of its citizens in various fields of life.

Funding Agency
ICSSR

Link: <https://icssr.org/special-calls-research-studies>

**Special Calls for
Research Studies**





474. Longitudinal Studies in Social and Human Sciences

The call aims to support extensive research that tracks variables over time to address critical challenges and provide solutions to attain the development goals of Bharat.

Funding Agency

ICSSR

Link: <https://icssr.org/special-calls-research-studies>

**Special Calls for
Research Studies**




475. Jal Jeevan Mission (JJM)

The outcome of the study can improve governance structures, resource allocation, and the integration of sustainable practices to ensure long-term success. The study should aim to generate new knowledge about rural water supply and management practices, including indigenous knowledge and traditional water management systems.

Link: <https://icssr.org/special-calls-research-studies>

Funding Agency
ICSSR

**Special Calls for
Research Studies**






476. Solar Energy and Sustainability

The empirical research call is launched with the goal of generating outcomes and insights on various aspects of solar energy transformation in both urban and rural sectors.

Funding Agency
ICSSR

Link: <https://icssr.org/special-calls-research-studies>

**Special Calls for
Research Studies**





477. Call for Research Project Proposals for Multi-Disciplinary Studies on Particularly Vulnerable Tribal Groups (PVTGs) of India

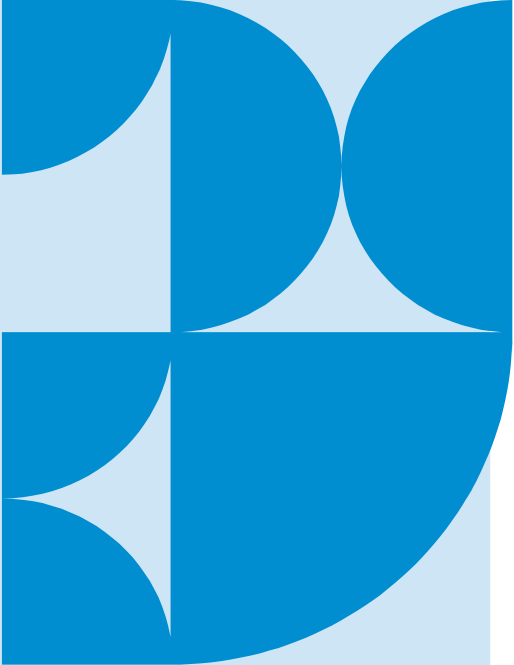
Call for Research Project Proposals for Multi-Disciplinary Studies on Particularly Vulnerable Tribal Groups (PVTGs) of India (2024-25).

Funding Agency

ICSSR

Link: <https://icssr.org/special-calls-research-studies>

**Special Calls for
Research Studies**




478. Research proposals for invited under 2nd Call for ICSSR Longitudinal Studies in Social and Human Sciences

The Second Call for ICSSR Longitudinal Studies in Social and Human Sciences aims to support extensive research that tracks variables over time to address critical challenges and provide solutions to attain the development goals for Viksit Bharat@2047.

Funding Agency
ICSSR

Link: <https://icssr.org/special-calls-research-studies>

**Special Calls for
Research Studies**






479. Punyashloka Devi Ahilyabai Holkar Special Call for Women-Led Research on Women-Led Development

Funding Agency
ICSSR

The progression from the 'Women in Development' (WID) approach to Women- Led Development (WLD) redefines women participation beyond the work force and looks at their contribution across all sectors of development.

Link: <https://icssr.org/special-calls-research-studies>

**Special Calls for
Research Studies**





480. Minor Project

Minor Research Projects are awarded to Indian Social and Human Science researchers, with the aim of contributing to national development by offering evidence-based solutions to present and future challenges in diverse fields.

Duration and Budget: 12 months (Rs.15.00 lakh).

Funding Agency

ICSSR

Link: <https://icssr.org/research-projects-major-and-minor>

Research Projects

481. Major Project

Major Research Projects are awarded to Indian Social and Human Science researchers, with the aim of contributing to national development by offering evidence-based solutions to present and future challenges in diverse fields.

Duration and Budget: 24 months (Rs.30.00 lakh)

Funding Agency

ICSSR

Link:

<https://www.pib.gov.in/PressReleasePage.aspx?PRID=1485292>

Research Projects



482. Indo-German Funding Opportunity for Joint Research Projects

In pursuance of the MoU signed between the ICSSR and the German Research Foundation (DFG -- Deutsche Forschungsgemeinschaft) Germany, the two agencies invite proposals for joint Indo-German academic research projects in the field of Social Sciences and Humanities. The collaboration opportunity will be open throughout the year with no deadline.

Link: <https://icssr.org/international-collaboration>

Funding Agency

ICSSR

**International
Collaboration**





483. Financial Assistance for Data Collection Abroad

Under Data Collection Abroad scheme, the ICSSR provides financial assistance to Indian Social Science Scholars who intend to visit abroad for the purposes of Data Collection or consulting Archival Material in connection with their research work.

Funding Agency

ICSSR

Link: <https://icssr.org/international-collaboration>

**International
Collaboration**



484. Participation In International Conference Abroad

The aim of this programme is to assist invited social science scholars to make substantial contributions to international seminars/ conferences of significant importance.

Link: <https://icssr.org/international-collaboration>

Funding Agency

ICSSR

**International
Collaboration**





485. National Seminar

The proposals should be well-conceived on themes of significant social science concerns, inviting broad, interdisciplinary and national-level participation. National seminars should involve the participation of scholars from within India. Preference will be given to the proposals falling in the priority areas of the ICSSR on themes having policy implications.

Budget: Rs.8 lakhs

Funding Agency

ICSSR

Link: <https://icssr.org/organization-international-and-national-seminars-conferences-india>

Seminar

486. International Seminar

The proposal should be well-planned and must justify the need for an international conference on research priorities and issues with an international perspective. It should involve the confirmed participation of a significant number of foreign scholars (minimum 5) as resource persons and/or paper contributors.

Funding Agency

ICSSR

Budget: Rs.12 lakhs

Link: <https://icssr.org/organization-international-and-national-seminars-conferences-india>

Seminar



487. Collaborative Seminar

ICSSR also considers proposals that proactively seek collaborations with government departments or reputed research organisations with a social science research orientation for joint seminars on policy-oriented and socially relevant issues.

Budget: Rs.10 lakhs.

Funding Agency

ICSSR

Link: <https://icssr.org/organization-international-and-national-seminars-conferences-india>

Seminar



488. Research Methodology Course (RMC)

The course aims to develop the PG/PhD/PDF scholars as future academicians and social science researchers by strengthening their methodological and writing skills.

Funding Agency

ICSSR

Duration of the course: 10 full working days

Grant: Rs. 8 lakh.

Link: <https://icssr.org/training-and-capacity-building>

Training and
Capacity Building



489. Capacity Building Programme (CBP)

This programme aims to improve the general methodological and writing abilities of in-service faculty members, primarily Lecturers/Assistant Professors in Social Science disciplines, and to expose them to the newest developments in their fields, technology spin-offs and the like.

Funding Agency

ICSSR

Duration of the course: 12 full working days

Grant: Rs. 10 lakh.

Link: <https://icssr.org/training-and-capacity-building>

Training and Capacity Building



490. Grant-In-Aid for Publication/ Running of their Research Journal(s)

ICSSR provides Grants-in-Aid to professional associations/ organisations of social scientists including universities, colleges and research institutes for publication/ running of their research journal(s).

Funding Agency

ICSSR

Link: <https://icssr.org/research-survey-publication>

**Research Survey &
Publication**



491. Grant-In-Aid for Supporting Professional Associations/ Organisations

ICSSR provides Grants-in-Aid for supporting professional associations/ organisations of social scientists for their development.

Funding Agency

ICSSR

Link: <https://icssr.org/research-survey-publication>

Research Survey &
Publication



492. Publication Grant / Subsidy for Publication

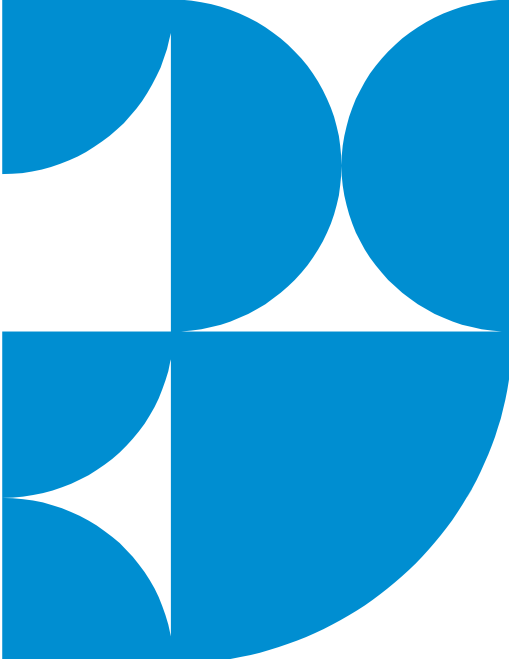
Funding Agency

ICSSR

ICSSR provides publication grants/ financial subsidy to Indian nationals for publication of manuscripts of the research work done in any field of social sciences.

Link: <https://icssr.org/research-survey-publication>

**Research Survey &
Publication**



FUNDING AGENCY

All India Council for Technical Education (AICTE)

The All India Council for Technical Education (AICTE) is a statutory body under the Ministry of Education that plans and coordinates the development of technical and management education in India. Established in 1945 as an advisory body, it was given statutory powers in 1987 by an Act of Parliament. AICTE's responsibilities include setting norms and standards, approving new institutions and courses, and accrediting technical programs to ensure quality and relevance. It regulates and provides for the planning and coordinated development of technical education, including engineering, technology, management, architecture, and pharmacy. AICTE's main functions include:

- a. Approving new technical institutions and courses.
- b. Setting and maintaining quality standards for technical education.
- c. Accrediting institutions and programs to ensure quality.

The council aims to promote both quantitative and qualitative growth in technical education to ensure a well-trained workforce that meets the needs of the country and the global market.

493. AICTE Productization Fellowship (APF)

AICTE Productization Fellowship (APF) is a new initiative of AICTE, with the objective to support Innovative Ideas that drive future economic growth and contribute to the Nations Vision of "ATMANIRBHAR BHARAT" and "VIKSIT BHARAT@ 2047".

Fellowship: Rs 37,000/- p. m.

Link: <https://www.aicte.gov.in/schemes/students-development-schemes>

Funding Agency

AICTE

**Students Development
Scheme**

494. AICTE SARSWATI SCHOLARSHIP

Funding Agency
AICTE

A scholarship scheme from AICTE for meritorious girls students perusing BBA/BMS/BCA Courses in AICTE Approved Institutions. The main objective of the scheme is to encourage girls students to pursue UG degree in Management & Computer Application Courses from AICTE approved institutions.

Grant: Rs.25,000/- per annum for every year of study.

Link: <https://www.aicte.gov.in/schemes/students-development-schemes>

**Students Development
Scheme**



495. AICTE DOCTORAL FELLOWSHIP (ADF)

Admitting full time meritorious research scholars by providing research fellowship who wants to seek admission to Ph.D. in AICTE approved Technical Institutes/University Departments for carrying out research in thrust areas.

Funding Agency
AICTE

Fellowship: Rs. 37,000/- pm for JRF, followed by Rs. 42,000/- pm for SRF.

Link: <https://www.aicte.gov.in/schemes/students-development-schemes>

**Students Development
Scheme**



496. AICTE POST- DOCTORAL FELLOWSHIP (PDF)

Funding Agency
AICTE


The main objective of AICTE Post-Doctoral Fellowship is to encourage Indian Engineering, Management, Design, Hotel Management & Catering Technology, Applied Sciences, Planning, Computer application, Applied Arts Crafts & Design, Inter Disciplinary Area scholars who have completed their Ph.D and wish to pursue a regular career in research and development.

Fellowship: Rs. 65,000/- p.m.

Link: <https://www.aicte.gov.in/schemes/students-development-schemes>

Students
Development Scheme





497. AICTE YASHASVI (YOUNG ACHIEVERS' SCHOLARSHIP AND HOLISTIC ACADEMIC SKILLS VENTURE INITIATIVE)

Funding Agency
AICTE

A scholarship scheme from AICTE for meritorious students seeking admission in core branches of Engineering in order to motivate students to pursue engineering education at Diploma and UG level in the core branches of engineering. The main objective of the scheme is to encourage students to pursue technical education in core branches of engineering i.e. Civil, Chemical, Electrical, Electronic and Mechanical Engineering in AICTE approved technical institutions.

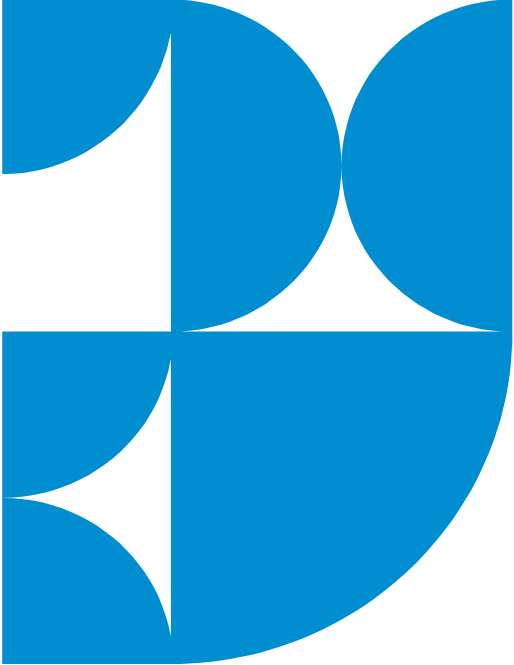
Degree Level Students Scholarship: Rs. 50,000/- per annum for every year of study i.e. maximum for 4 years for first year admitted students and 3 years for Lateral Entry Students.

Diploma Level Students Scholarship: Rs. 30,000/- per annum for every year of study i.e. maximum 3 years for first year admitted students and 2 years for Lateral Entry Students.

Students Development
Scheme

Link: <https://www.aicte.gov.in/schemes/students-development-schemes>





498. AICTE AURA(Augmenting Utilization of Research Assets)

Funding Agency

AICTE

For promoting the utilization of I-STEM (India Science Technology Engineering facilities Map), AICTE is launching a scheme named AICTE AURA (Augmenting Utilization of Research Assets) 2024, by providing the financial aid of Rs 2 lakhs to full time/ regular faculty of AICTE approved institutions, students of PG Scholarship Scheme/ ADF Scheme/ QIP Scheme of AICTE and all students of Diploma/ Under Graduate/ Post Graduate studying in AICTE approved Institutions to boost research and mobility of researchers. The aim of this initiative is to augment existing research by utilization of public funded hardware and software R&D facilities mapped by I-STEM.

Link: <https://main.icmr.nic.in/content/icmr-international-fellowship-programme-biomedical-scientists-developing-countries>

**Students Development
Scheme**

499. AICTE – SWANATH SCHOLARSHIP SCHEME

AICTE has approved 'AICTE – SWANATH SCHOLARSHIP SCHEME' for children from any one of the following categories:

1. Orphan
2. Either or both parents died due to Covid-19
3. Wards of Armed Forces and Central Paramilitary Forces martyred in action (Shaheed)
4. Parent is suffering from critical life threatening disease (Like cancer etc.) /Died or severely disabled (above 80%) in accident (as per RPwD Act 2016) to provide them financial support of Rs. 50,000/- per annum for every year of study through National Scholarship Portal (NSP).

Funding Agency
AICTE

Link: <https://main.icmr.nic.in/content/nurturing-clinical-scientists-scheme>

Students
Development Scheme

500. PG Scholarship

Scholarship is awarded to full time GATE/GPAT qualified students admitted to M.E./ M. Tech/ M. Arch and M.Pharma courses in AICTE approved Institutions/Colleges @Rs. 12,400/- PM/ student.

Funding Agency

AICTE

Link: <https://www.aicte.gov.in/schemes/students-development-schemes>

**Students Development
Scheme**



501. PRAGATI SCHOLARSHIP

Scholarship/Contingency is awarded to meritorious girls taking admission in AICTE approved Technical institution at Degree/ Diploma. Total 10000 scholarship are given @ Rs 50000 as incidentals each year.

Funding Agency

AICTE

Link: <https://www.aicte.gov.in/schemes/students-development-schemes>

**Students Development
Scheme**

502. SAKSHAM SCHOLARSHIP

Scholarship/Contingency is awarded to Differently abled students taking admission in AICTE approved Technical institution at Degree/ Diploma. Scholarship given @ Rs 50000 as incidentals each year.

Funding Agency

AICTE

Link: <https://www.aicte.gov.in/schemes/students-development-schemes>

**Students Development
Scheme**

503. SUPPORT TO STUDENTS FOR PARTICIPATING IN COMPETITION ABROAD (SSPCA)

Funding Agency
AICTE

The objective of the scheme is to provide travel assistance registration fees to a team of minimum 2 to 10 students for attending competition at international level in order to encourage engineering students to improve their field of technical education.

Assistance: Rs 2 Lakh per student.

Link: <https://www.aicte.gov.in/schemes/students-development-schemes>

Students Development
Scheme



504. AICTE Training and Learning (ATAL) Academy

Faculty Development Programmes - The objective is to impart quality Continuous Professional Development Programmes (CPDP) for faculty so that faculty have a sound domain knowledge and associated skills of the subject, career growth, leadership for academic excellence etc.

Funding Agency

AICTE

Link: <https://www.aicte.gov.in/schemes/staff-development-schemes>

**Faculty Development
Schemes**

505. Distinguished Professional Scheme (DPS)

Distinguished Professional Scheme (DPS) - intends to utilize the expertise of highly qualified and eminent Professionals by creating a pool of experts from Industry, Institutes, Research Labs and Senior civil service officers in their domain for motivating and inspiring the students' / faculty members of AICTE approved institutes.

Funding Agency

AICTE

Link: <https://www.aicte.gov.in/schemes/staff-development-schemes>

Faculty Development Schemes



506. AICTE Inter-Institutional Biomedical Innovations Programme (IBIP)

Funding Agency

AICTE

The AICTE in collaboration with the Centre for Cellular and Molecular Platforms (C-CAMP) launched the IBIP to make engineering and medical graduates, post graduates and faculty members take up challenges from the medical domain jointly.

Link: <https://www.aicte.gov.in/schemes/staff-development-schemes>

**Faculty Development
Schemes**

507. AICTE Industry Fellowship Programme

Industry Fellowship Programme - In order to make a strong academia and industry collaboration, the faculties are provided an opportunity to work and gain industry experience. Financial support will be provided as per guidelines.

Funding Agency
AICTE

Link: https://brns.res.in/brns_rp.php

**Faculty Development
Schemes**



508. PARAKH

Despite rapid increases in the quantity of technical students in India however, little is known about their quality. In particular, less information is available about the major specific competencies, knowledge, and soft skills of individuals. So, in this project, we assess the technical knowledge, creativity and cognitive skills of Undergraduate and Postgraduate students of India.

Funding Agency

AICTE

Link: <https://www.aicte.gov.in/schemes/staff-development-schemes>

**Faculty Development
Schemes**



509. Quality Improvement Programme (QIP)

The Government of India launched the QIP in 1970. One of the main objectives of the programme is to upgrade the expertise and capabilities of the faculty members of the degree and diploma level institutions in the country. The programme is implemented and monitored by AICTE.

Funding Agency

AICTE

Link: <https://www.aicte.gov.in/schemes/staff-development-schemes>

Faculty Development Schemes





510. QIP-PG Certificate Programme in Emerging Areas

The Council launched the scheme in May 2024 which aims to make the faculty members from core Engineering disciplines like Mechanical, Civil, Electrical and Electronics, Chemical etc. to get trained in the Emerging Technologies which in turn shall enable them to impart effective teaching to the students enrolled in courses on Emerging areas.

Funding Agency

AICTE

Link: <https://www.aicte.gov.in/schemes/staff-development-schemes>

**Faculty Development
Schemes**



511. Quantum Technologies

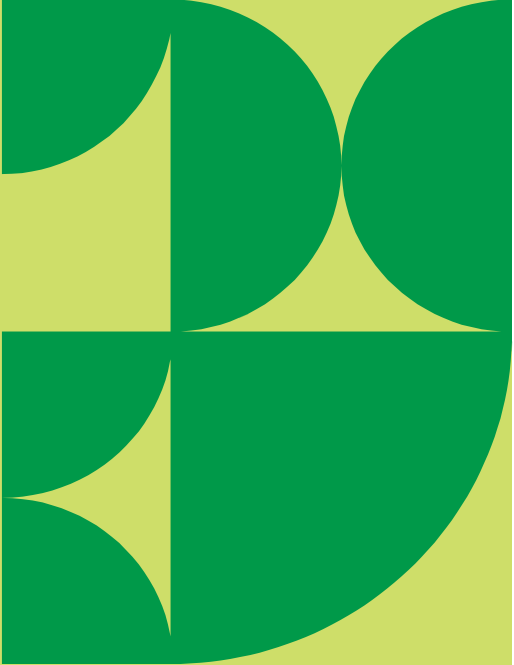
Under the National Quantum Mission (NQM), the AICTE with the collaboration of the Department of Science & Technology (DST) launched an Undergraduate Minor Programme on Quantum Technologies empowering students to become active contributors to India's quantum ecosystem.

Funding Agency
AICTE

Link: <https://www.aicte.gov.in/schemes/staff-development-schemes>

Faculty Development Schemes





512. Research Promotion Scheme (RPS) (Lab to Market)

Research Promotion Scheme (RPS) (Lab to Market) - promotes research in identified thrust areas of Technical Education. It is aimed to create research ambience in the institutes by promoting research in engineering sciences and innovations in established and newer technologies; and to generate Master's and Doctoral degree candidates to augment the quality of faculty and research personnel in the country.

Funding Agency
AICTE

Link: <https://www.aicte.gov.in/schemes/staff-development-schemes>

Faculty Development Schemes





513. SAMARTHAN

Funding Agency

AICTE

Internship connect is aimed at providing short-term, high-impact internship opportunities to UG & PG students belonging to Jammu, Kashmir, Ladakh, Andaman and Nicobar Islands, and the North Eastern States. Eligible disciplines include Engineering & Technology, Management, Design, Applied Arts and Crafts, BBA, BCA, and Hotel Management & Catering Technology. In collaboration with some of the most prestigious academic institutions in India-including IITs, IIMs, IIITs, IISERs, NITs, NITTTRs, and IHMs-AICTE will facilitate 15-day on-campus internships designed to provide academic, professional, and cultural exposure.

Link: <https://www.aicte.gov.in/schemes/staff-development-schemes>

**Faculty Development
Schemes**



514. Technical book writing and translation into Indian Languages

Technical book writing and translation into Indian Languages - In line with the NEP 2020, to promote use of 'Scheduled Regional Language' in Technical Education for creating knowledge base in local language and to encourage creation of treasure of latest technical knowledge incorporating the newest developments by grant of financial support to the distinguished faculty / writers / translators.

Funding Agency
AICTE

Link: <https://www.aicte.gov.in/schemes/staff-development-schemes>

**Faculty Development
Schemes**





515. VAANI (Vibrant Advocacy for Advancement and Nurturing of Indian Languages)

Funding Agency

AICTE

VAANI (Vibrant Advocacy for Advancement and Nurturing of Indian Languages) - to promote the regional languages in all the 22 scheduled languages, the scheme provides financial assistance to AICTE approved institutions for organizing conferences / seminars / workshops in emerging fields of technical education.

Link: <https://www.aicte.gov.in/schemes/staff-development-schemes>

**Faculty Development
Schemes**





516. AICTE- IDEA LAB

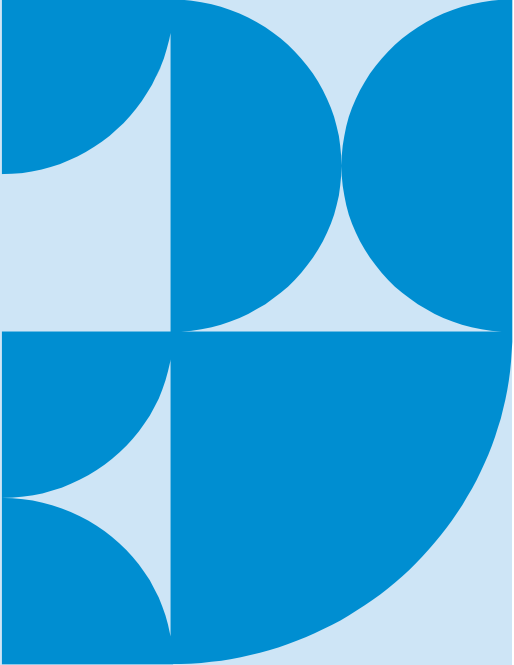
AICTE has decided to establish AICTE-IDEA (Idea Development, Evaluation & Application) Lab in AICTE approved institutions, encouraging students for application of science, technologies, engineering and mathematics (STEM) fundamentals towards enhanced hands-on experience, learning by doing and product visualisation.

Funding Agency

AICTE

Link: <https://www.aicte.gov.in/schemes/institutional-development-schemes>

**Institutional Development
Schemes**



517. AICTE-SCHEME FOR PROMOTING INTERESTS, CREATIVITY AND ETHICS AMONG STUDENTS (SPICES)

Funding Agency

AICTE

To energize and position students club/ Chapters/ Societies as facilitating entity for pursuit of individual interests, creative work, showcasing talent, networking and teamwork opportunities, social experience; organization and management skills, exposure to professional ethics etc.

Link: <https://www.aicte.gov.in/schemes/institutional-development-schemes>

**Institutional
Development
Schemes**





518. GRANT FOR ORGANISING CONFERENCE

The scheme provides financial assistance to institutions for organizing Conference at National and International level in various fields of Technical Education.

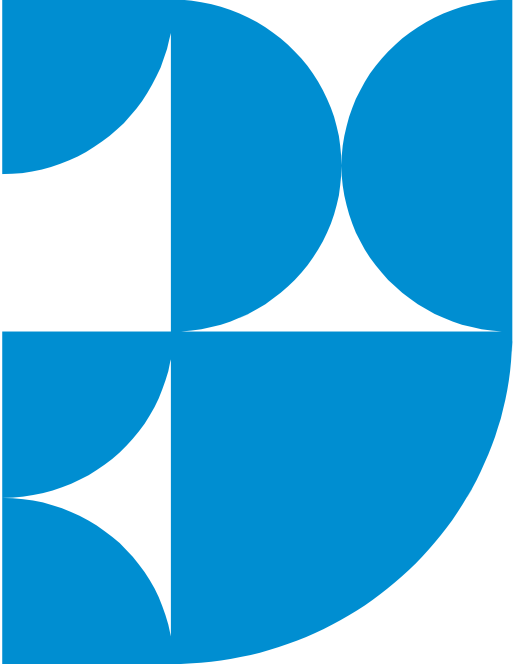
Funding Agency

AICTE

Link: <https://www.aicte.gov.in/schemes/institutional-development-schemes>

**Institutional Development
Schemes**





519. MODERNISATION AND REMOVAL OF OBSOLESCENCE (MODROBS)

Funding Agency
AICTE

The scheme equips technical institutions with infrastructural facilities, laboratories, workshops, and computing facilities to enhance teaching, training and research capabilities. The limit of funding is Rs 20 Lakhs to 30 Lakhs and project duration is 2 years.

Link: <https://www.aicte.gov.in/schemes/institutional-development-schemes>

**Institutional Development
Schemes**




520. SCHEME FOR CAMPUS ACCOMMODATION & FACILITIES ENHANCING SOCIAL EXPERIENCE (CAFES)

The scheme aims to support Government/ Government-aided engineering colleges/ University departments/Polytechnics for construction of girls/boys hostels for students /researchers belonging to SC&ST/ Differently abled/ NER students. Total funding is Rs 3.25 crore, which to be provided to institute to complete the project within the period of 3 years.

Funding Agency
AICTE

Link: <https://www.aicte.gov.in/schemes/institutional-development-schemes>

**Institutional
Development Schemes**





521. AICTE- GRANT FOR AUGMENTING INFRASTRUCTURE IN NORTH EASTERN REGION (GAINER)

Funding Agency

AICTE

To enhance the functional efficiency of the technical institutes located in far-flung areas of North East India, AICTE has launched a scheme for providing logistics support to the technical institutes of NER by extending financial assistance for construction of rain water harvesting system, alternative power support & availability/connection of internet facility.

Link: <https://www.aicte.gov.in/schemes/institutional-development-schemes>

**Institutional Development
Schemes**





522. MARGDARSHAN SCHEME

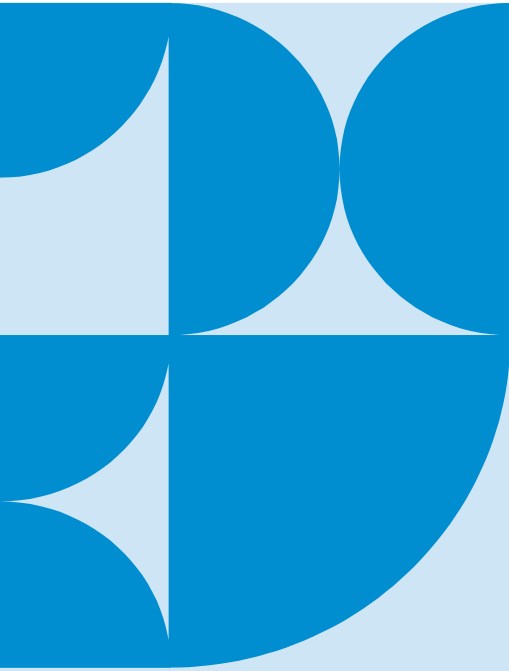
Margdarshan Initiative has been introduced by All India Council for Technical Education for facilitating the technical institutes in order to improve the quality of technical education as a whole through accreditation by providing access to the facilities available in host institute, spread awareness about various initiative of AICTE and also provide guidance and support for achieving better NIRF ranking. Margdarshan Initiative exclusively runs through Margdarshan institute.

Funding Agency

AICTE

Link: <https://www.aicte.gov.in/schemes/institutional-development-schemes>

**Institutional
Development Schemes**



523. COLLABORATIVE RESEARCH SCHEME (CRS) UNDER TEQIP

To provide research grant for young TEQIP faculties recruited in different TEQIP institutes so as to collaborate for research and build research community among TEQIP Faculty, Regular faculty of Project institutions (focus and non-focus) & Premier institutions of the country.

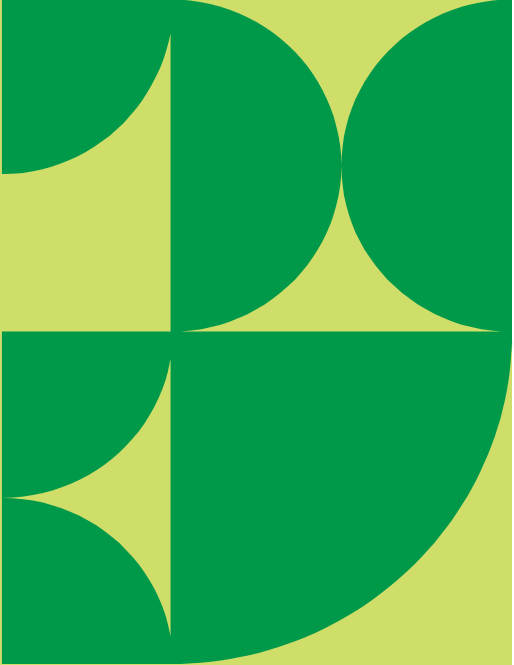
Funding Agency

AICTE

Link: <https://www.aicte.gov.in/index.php/schemes/research-innovations-development-schemes>

**Research & Innovations
Development Schemes**





524. KAUSHAL AUGMENTATION AND RESTRUCTURING MISSION OF AICTE (KARMA)

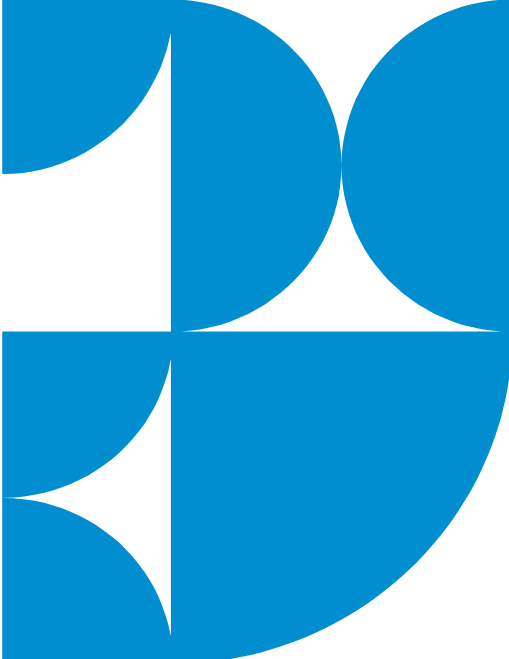
Funding Agency
AICTE

AICTE is initiating Kaushal Augmentation and Restructuring Mission of AICTE (KARMA) for all AICTE approved institutions in the country to overcome the dual challenge of scarcity of skilled manpower in jobs and low skill level of those who are presently in jobs.

Link: <https://www.aicte.gov.in/index.php/schemes/other-schemes>

General Schemes





FUNDING AGENCY

Indian Council of Philosophical Research (ICPR)

The Indian Council of Philosophical Research (ICPR) is an autonomous government institution established in 1977 to promote and coordinate research in philosophy in India. Its objectives include funding research projects, supporting philosophical institutions, providing guidance on research methodology, publishing journals and books, and fostering interdisciplinary research. It was founded to revive and promote the rich tradition of Indian philosophy.

525. Junior Research Fellowships

The Fellowship amount is Rs.17,600/- per month (consolidated) for a full-time regular Ph. D. scholar. A Contingency Grant of Rs.16,500/- per annum is admissible. There is no provision for pay protection in this category of fellowship. The fellowship is offered for a period of two years.

Link: <https://icpr.in/fellowships/>

Funding Agency

ICPR

Research Fellowship



526. Post-Doctoral Fellowships/ General Fellowships

Funding Agency

ICPR

General Fellowships are given for Post-Doctoral Research. The fellowship amount is Rs. 30,800/- per month and contingency grant is Rs. 22,000/- per annum. The fellowship is offered for a period of two years. There is a provision for pay protection in this category of fellowship.

Link: <https://icpr.in/fellowships/>

Post-Doctoral Fellowship



527. Senior Fellowships

Senior fellowships are meant for senior scholars. The fellowship amount is Rs. 44,000/- per month and a contingency grant of Rs. 44,000/- per annum. The fellowship is offered for a period of two years.

Link: <https://icpr.in/fellowships/>

Funding Agency

ICPR

Senior Fellowship

528. National Fellowships

The Fellowship is awarded to eminent scholars on the basis of nominations. The fellowship amount is Rs. 60,500/- per month and a contingency grant of Rs. 66,000/- per annum. The fellowship is offered for a period of two years.

Link: <https://icpr.in/fellowships/>

Funding Agency

ICPR

National Fellowship



529. Seminars/Conferences /Workshops

ICPR gives grant to philosophy departments of Indian universities and research institutions to organize seminars/symposia/workshops/dialogues etc. ICPR supports 25 to 50 such seminars annually.

Funding Agency
ICPR

Link: <https://icpr.in/seminars-workshops/>

**Workshop/
Conference/
Seminar**



530. Lecture Programme

The Council extends financial support to the universities for organizing such lectures and also bears travel and hospitality costs of the invited scholars. The universities are given a grant of Rs.35,000/- by the Council to invite the interested scholars from their region to attend the lectures and participate in the discussions. Besides making travel arrangements as well as providing local hospitality to the invited professors, the Council pays them a token honorarium of Rs.20,000.

Funding Agency

ICPR

Link: <https://icpr.in/lecture-programme/>

Lecture



531. Projects

The Council invites applications for Project Grants throughout the year, and sometimes, through advertisements on its website www.icpr.in as well as by sending the circulars to the heads of philosophy departments of the universities in the country.

Applications for Project and Guidelines for Projects are provided under DOWNLOAD of the ICPR website.

Funding Agency

ICPR

Link: <https://icpr.in/projects/>

Projects

532. Translation project

ICPR is willing to make translations of valuable texts in to Hindi or English and therefore, ICPR invites proposals for Research project for:-

Translation of Important Philosophical Texts in Bharatiya Bhashas into Hindi and English.

Funding Agency

ICPR

Link: <https://icpr.in/projects/>

Translation

533. Indo French Cultural Exchange Programme

Funding Agency

ICPR

Under this programme, ICPR sends, every year, one scholar for one month to Paris to carry out some research work there. This entitles the scholars to submit and effective work plan on some French Philosopher/Philosophy or Indian Philosophy having some influence on French Philosophy or vice-versa. Normally scholars who are familiar with this programme, approach the council and the matter is decided by the Research Project Committee or the Chairman who nominates the Scholar to go to Paris for the research work.

While the respective Indian Institutions take care of the scholars' air travel from India to Paris and back, the Maison Des Sciences takes care of their stay at Paris by providing 1800 euros to each scholar and medical insurance etc.

Link: <https://icpr.in/cultural-exchange-program/>

Cultural Exchange