

Agencies

Promoting and Funding for Research

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R & D Funding Agencies

<https://avinuty.ac.in/sites/avinuty.ac.in/files/2024-01/Funding%20Agencies-Research%20Proposal.pdf>

Sr. No.	Funding Agency	web / e-mail / Fax
National Agencies – 82, International Agencies – 11		
National Agencies		
01	Ministry of Environment & Forests	https://moef.gov.in/
02	Department of Science and Technology (DST)	https://dst.gov.in/
03	Department of Atomic Energy (DAE)	https://dae.gov.in/
04	Department of Biotechnology (DBT)	https://dbtindia.gov.in/
05	Ministry of Electronics & IT	https://www.meity.gov.in/
06	Ministry of Food Processing Industries	https://mofpi.gov.in/
07	Ministry of New and Renewable Energy	https://mnre.gov.in/en/
08	Department of Space (DOS)	https://www.isro.gov.in/index.html
09	All India Council for Technical Education	https://www.aicte.gov.in/

R & D Funding Agencies

Sr. No.	Funding Agency	web / e-mail / Fax
10	Central board of Irrigation and Power	www.cbip.org
11	Indian Council of Agricultural Research	http://icar.org.in/
12	University Grants Commission (UGC)	http://www.ugc.gov.in/
13	Council of Scientific and Industrial Research	www.csir.res.in
14	Defence Research and Development Organisation (DRDO)	http://www.drdo.gov.in/drdo/
15	Bhabha Atomic Research Centre (BARC)	http://www.barc.gov.in/
International Agencies		
01	International Foundation for Research and Education	http://ifre.org.in/
02	Third World Academy of Sciences (TWAS)	http://twas.org/
03	International Foundation for Science	http://www.ifs.se/

All India Council for Technical Education (AICTE)

<https://www.aicte.gov.in/schemes/overview>

AICTE : Schemes

1. Faculty Development Schemes:

- AICTE Training and Learning (ATAL) Academ
- Research Promotion Scheme (RPS) (Lab to Market)
- AICTE Industry Fellowship Programme
- Quality Improvement Program (QIP)
- QIP-PG Certificate Programme in Emerging Areas

2. Institutional Development Schemes:

- AICTE- IDEA LAB
- AICTE-SCHEME FOR PROMOTING INTERESTS, CREATIVITY AND ETHICS AMONG STUDENTS (SPICES)
- GRANT FOR ORGANISING CONFERENCE (GOC)
- MODERNISATION AND REMOVAL OF OBSOLESCENCE (MODROBS)
- MARGDARSHAN SCHEME

AICTE : Schemes

3. Students Development Schemes:

- AICTE Productization Fellowship (APF)
- AICTE SAMARTHAN: INTERNSHIP CONNECT
- AICTE SARSWATI SCHOLARSHIP 2024
- AICTE POST-DOCTORAL FELLOWSHIP (PDF) 2024-25
- AICTE YASHASVI (YOUNG ACHIEVERS' SCHOLARSHIP AND HOLISTIC ACADEMIC SKILLS VENTURE INITIATIVE) SCHEME 2024
- AICTE AURA(Augmenting Utilization of Research Assets) 2024 Scheme
- AICTE – SWANATH SCHOLARSHIP SCHEME
- PG Scholarship
- AICTE DOCTORAL FELLOWSHIP (ADF)
- PRAGATI SCHOLARSHIP
- SAKSHAM SCHOLARSHIP
- SUPPORT TO STUDENTS FOR PARTICIPATING IN COMPETITION ABROAD (SSPCA)

AICTE - ATAL

- **Objective:**

- Faculty Development Programmes
- To impart quality Continuous Professional Development Programmes (CPDP)
- Faculty gain a sound domain knowledge and associated skills of the subject, career growth, leadership for academic excellence etc.

- **Steps to apply:**

- AICTE publish the list of approved FDP on the website.
- Candidate can apply online through login credentials. The link to apply is <https://atalacademy.aicte.gov.in/>
- This year (A.Y. 2025-26) FDP list link is https://atalacademy.aicte.gov.in/assets/document/Announment_Result/Approved%20ATAL%20Online%20FDPs%202025-26.pdf

AICTE - RPS (Lab to Market)

- **Objective:**
 - Promotes research in identified thrust areas of Technical Education
 - Translational research having scope of Technology Readiness Level (TRL)-6 (Lab Testing)/TRL-7 (Field Testing)
 - Develop new ideas and focus on translational research to address the societal challenges and create impact in the society
 - To provide financial assistance for procurement of equipment, human resource, machines, tools, testing kits, testing for the purpose of developing new products, scaling lab-based research and commercialize the solutions
 - Handhold research with practical aspects of intellectual property and technology transfer and enable the commercialization of the products developed

AICTE - RPS

- **Eligibility for host and pairing institute / Industry:**
 - Host institute should be the AICTE approved institution
 - Host institute are encouraged to onboard Institute of National Importance like IISc, IITs, NITs etc. for mentoring or collaborative research. The host institute can also onboard any institute approved by the respective regulatory body.
 - Preference will be given to the Industry having the recognized R&D units which is approved by the Ministry of Science and Technology.
- **Eligibility of the Applicant:**
 - Full time regular Faculty
 - The applicant Researcher may also involve student in the project for which AICTE will pay lump sum grant as Research Assistant Fellowship.

AICTE - RPS

- **Duration of the Project:** 3 years, extendable by 6 months.
- **Limit of Funding:**
 - Maximum limit of funding: upto 50 Lakh
 - Recurring upto 50%, rest non-recurring/capital
- **url:**
https://www.aicte.gov.in/sites/default/files/tlb/NEW_AICTE_RPS_Scheme_Document_with_Annexures.pdf

AICTE - Industry Fellowship Programme

- **Objective:**
 - In order to make a strong academia and industry collaboration
 - To engage faculty members as fulltime fellows in industry
 - Commence from AY 2025-26 with internships to 350 faculty members, scale it to 1,500 participants annually by 2029-30
- **Eligibility Criteria:**
 - Full time regular / permanent faculty
 - Five-year teaching experience
 - Age ≤ 45
 - Strong publication record
- **Duration:** 1 Year Full-time Immersion

AICTE - Industry Fellowship Programme

- **Starting:** In the month of August every year. (AY 2025-26, closed)
- **Fellowship:** ₹1 Lakh per Month (₹75K AICTE + ₹25K Industry)
- **Core Focus Areas:**
 - AI & Quantum Tech
 - Semiconductor R&D
 - Manufacturing 4.0
 - HealthTech & Biotech
- **url:** <https://ifp.aicte.gov.in/>

AICTE - QIP

- **Objective:**
 - To upgrade the expertise and capabilities of the faculty
 - Sponsored teachers are eligible for admission to Doctoral Programme
- **Eligibility Criteria:**
 - Full time regular / permanent faculty
 - Three-year teaching experience
 - Master degree in the appropriate branch
 - Criteria of respective QIP centre
- **Duration of the scheme:** For pursuing PhD programme period of 3 Years
- **Amount of Scholarship:**
 - Scholarship @ Rs.15000/- per month.
 - Annual Contingency @ Rs.15000/-
 - Pre- Ph.D. Expenses: One-time lump sum amount TA @ Rs.15000/- and DA @ Rs.30000/- for pre- PhD duration of 60 days
- **url:** <https://qip.aicte.gov.in/>

AICTE - QIP-PG certification

- **Objective:** To make the faculty members from core Engineering disciplines like Mechanical, Civil, Electrical and Electronics, Chemical etc. to get trained in the Emerging Technologies
- **Eligibility:**
 - Minimum 5 years teaching experience at graduate/diploma level
 - Full time Regular / Permanent faculty members of AICTE approved Degree Level
 - Strong Publication Record
- **Duration:** 200 Hours, 18 Credit Course in hybrid mode.
- **Starting:** In the month of July every year (AY 2025-26 closed)
- **Fields:**
 - Data Science and Quantum Computing
 - High Performance Computing
 - Semiconductor Devices and VLSI Design
 - Machine Learning for solving challenging engineering problems
 - From AI to Generative AI: Unlocking the Power of Smart Technologies
- url: <https://qippg.aicte.gov.in/>

AICTE - IDEA LAB

- **Objectives:**

- To establish IDEA (Idea Development, Evaluation & Application) Lab for encouraging students for application of science, technologies, engineering and mathematics (STEM) fundamentals towards enhanced hands-on experience, learning by doing and product visualisation.
- To facilitate students and faculty to “engage, explore, experience, express and excel”

- **Eligibility of the Institute:**

- AICTE approved institute of at least 10 years of existence and minimum one course with live NBA accreditation.
- Financial contribution of at least 50% of idea lab, specially coming from industry.
- Institute to provide 3000 sq.ft. built up area and support staff, facilities and amenities to keep lab operational

AICTE - IDEA LAB

- **Financial Assistant:**
 - Estimated cost of lab Rs. 110 lakh (80 lakh recurring + 30 lakh non recurring)
 - AICTE can provide upto 50% i.e. Rs. 55 lakh
- **Duration of the Project:**
 - Two Years from date of receipt of funds from institute
 - AICTE will monitor lab as a part of IDEA Laba Network (IDEALNET) for five years
- url: <https://idealnet.aicte.gov.in/>

AICTE - SPICES

- **Objectives:**

- Financial support to institutions for developing **students' club**
- 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.

- **Eligibility of Institute:**

- AICTE approved institutes with minimum 5 years of existence.
- Only one proposal per institute (with minimum student members 50)
- The institute contribution of minimum Rs. 1 Lakh to the club.
- Club must be having web page reflecting various activities being organized.

AICTE - SPICES

- **Eligibility of Coordinator and Co-coordinator**
 - Coordinator be a full-time regular faculty with 10 years of experience in teaching/ industry
 - Co-coordinator be a faculty with 5 year of experience in teaching/ industry
 - Experience and inclination of organizing events/ co-curriculum activities are desirable for coordinator and co-coordinator
- **Duration of the Project:** One-Year from the date of offer letter
- **Limit of Funding:** Rs. 1 Lakh only (one time grant to one institute)
- **Disbursement:** On reimbursement basis
- **url:**
https://www.aicte.gov.in/sites/default/files/spices_scheme_document.pdf

AICTE - GOC

- **Objective:**
 - For organizing national / international conferences
 - To bring academicians and experts from different parts of the country and abroad to share knowledge, experiences and research findings.
- **Types of Conferences supported:**
 - Category A: Pre-defined themes announced by AICTE.
 - Category B: Proposed by the institutions
- **Eligibility of the institution:** AICTE approved institute with at least 8 years of existence.
- **Eligibility of coordinator:**
 - Full time regular faculty with at least 10-year experience in teaching and research with publications
 - Organized at least 3 conferences if applying for international conference & 1 conference if applying for national conference.

AICTE - GOC

- **Eligibility of co-coordinator:**
 - Faculty with at least 7 year of experience in teaching and research
 - Organized at least one conference if applying for an international conference.
 - The department organizing the conference should preferably be NBA accredited.
 - Weightage will be given to conferences supported by organizations like IEEE/ ASME/ ASCE etc.
 - The organizers should have in-house expertise
- **Duration of the Project:** Applications are invited throughout the year

AICTE - GOC

- **Limit of Funding:**
 - Category A: One-third of the total expenditure incurred subject to maximum of Rs. 3 Lakh.
 - Category B: One-third of the total expenditure incurred subject to maximum of Rs. 2 Lakh.
- **Reimbursement of grant:** After successful completion and on submission of documents.
- **url:**
<https://www.aicte.gov.in/sites/default/files/IDC/Modification%20GOC%20Scheme%20document.pdf>

AICTE - MODROBS

- **Objective:**

- Support development of laboratories with appropriate equipment/ technology/ tools/ software and encourages financial contribution from industry.
- To promote problem-solving approach among the students and staff
- To modernize and remove obsolescence in the Laboratories / Workshop / Computing facilities
- Supports development of Lab Instructional Material and appropriate Technology
- Upgradation of equipment in existing laboratories
- Enhancement of performance parameter specification of existing equipment
- Replacement of old depreciated equipment by modern equipment.
- For indirect benefit to Faculty / Students through Continuing Education programs, Training programs for local industry and consultancy work

AICTE - MODROBS

- **Eligibility:**
 - AICTE approved institution with 10 years of existence
 - This year's MODROBs under Special drive will help Only Government/Government-aided institutions to meet industry standards
- **Duration of project:** Two years from the date of receipt of funds in the institute's account.
- **Limit of Funding:** Rs. 30 lakh
- **Disbursement of Funds:** 80% of the sanctioned amount as advance followed by 20% as reimbursement
- **url:**
<https://www.aicte.gov.in/sites/default/files/modrob/MODROBS%20scheme%20doc.pdf>

AICTE - Margdarshan Scheme

- **Objective:**
 - 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 institute A well-established AICTE approved institute/Centrally Funded Institutes such as IITs/ NITs /IIITS/IISc/ISERs/IIMs etc. referred to as Margdarshan Institute or Mentor Institute (MI) is supported with an objective to mentor up to 10 nearby institutes in achieving accreditation
 - For us Walchand College of Engineering, Sangli is a Mentor Institute
- **url:**
<https://www.aicte.gov.in/sites/default/files/Margdarshan%20Scheme%20Guidelines%20new.pdf>

Department of Science and Technology

[https://dst.gov.in/schemes-
programmes](https://dst.gov.in/schemes-programmes)

DST : Schemes

- DST is providing funding from 5th standard up to Ph.D. and further research.
- DST mainly supporting research in basic science. Now a days for technology also.

1. Humen Capacity Building Programmes:

- INSPIRE
- INSPIRE MANAK
- WISE – KIRAN

2. Institutional Capacity Building Programmes

- [FIST \(Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions\)](#)
- [PURSE \(Promotion of University Research and Scientific Excellence\)](#)
- [SAIF \(Sophisticated Analytical Instrument Facilities\)](#)
- [SATHI \(Sophisticated Analytical & Technical Help Institutes\)](#)
- [STUTI \(Synergistic Training program Utilizing the Scientific and Technological Infrastructure\)](#)
- [\(SUPREME\) Support for Up-gradation Preventive Repair & Maintenance of Equipment](#)

DST – INSPIRE

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

Scheme Component	Target Group	Target Age Group	Target Number	Aim
INSPIRE Internship	Top 1% students in Class X Boards	16-17 years	50,000	To expose students to joys of creative science during 5-day camps through lectures by experts, innovative experiments etc.
Scholarship For Higher Education (SHE)	Top 1% students in Class XII Boards + top 10000 performers in IIT-JEE + other national exams	17-22 years	12,000	To encourage meritorious students to study B.Sc. & M.Sc. (basic and natural sciences) by providing scholarship (Rs. 60,000/- p.a.) and mentorship grant (Rs. 20,000/- p.a.)
INSPIRE Fellowship	INSPIRE-SHE Scholars with 70% marks in M.Sc. + M.Sc. Toppers with min 70% marks	22-27 years	1000	To encourage students to pursue Ph.D. in areas of S&T, Medicine, Agriculture, Pharmacy and Veterinary Sciences
INSPIRE Faculty Fellowship	Ph.D.	27-32 years	100	To encourage young researchers to continue research in areas of S&T, Medicine, Agriculture, Pharmacy and Veterinary Sciences.

DST - INSPIRE - MANAK

- MANAK is a unique initiative to attract talented school students at an early age to study science and pursue research career apart from fostering a culture of innovation among them.
- Scheme caters to school children in the age group of 10-15 years and studying in Class 6-10.
- INSPIRE-MANAK scheme targets ten (10.0) lakh ideas from more than five (05) lakh middle and high schools across the country every year.
- Out of these, one lakh ideas are eligible for INSPIRE Award of Rs. 10,000/-each.
- url: <https://dst.gov.in/inspire-manak>

DST - WISE - KIRAN

- **Fellowship for Ph.D.:**
 - In 5 subject areas of basic and applied sciences.
 - Women of the age group between 27-45 years
 - 3 years relaxation for SC/ST/PH category.
 - The support is available for a maximum of 5 years duration.
 - **Call for Proposal:** Last call closed on 31.12.2024.
 - **url:** <https://onlinedst.gov.in/Login.aspx>

DBATU, Lonere

- Rajiv Gandhi Science & Technology Commission (RGSTC)
- DBATU Vice Chancellor's Research Promotion Grants 2023

DBATU-RGSTC

- **A scheme of Government of Maharashtra run through University**
- **Objective:**
 - Research for change, development, or advancement.
 - To propagate application of science and technology through studies, adaptation of technology, formulating projects, using the technology, field demonstration, imparting necessary training, publications, and consultancy.
 - To act as catalyst or facilitator for transfer of technology from laboratories and other research efforts.
- **Role of University:**
 - Inviting pre-proposal (Project idea/concept): Review the projects through committee of peers. Scrutinize and select the relevant projects
 - Inviting detailed project proposals of approved projects and place before the project appraisal committee
 - Monitoring the progress of approved projects

DBATU-RGSTC

- **Nature of Projects:**
 - S&T Studies & Surveys
 - Location specific research & innovative technology development/application
 - Pilot scale demonstration projects
 - Replication of successful models
 - Joint Programmes
 - Awareness and Training
 - Projects with student participation
- url: <https://dbatu.ac.in/wp-content/uploads/2022/07/AboutRGSTC-Scheme.pdf>

DBATU-VC-RPG 2023

- **Objective:**
 - Technology interventions for Addressing Societal and/or Industrial Needs
 - Capacity Building of Community-based organizations and Knowledge Institutions
 - S&T Studies & Surveys
 - Location specific research & innovative technology development / application
 - Pilot scale demonstration projects
 - Replication of successful models
 - Joint Programs
 - Awareness and Training
 - Indian History and Value based Education
- **Maximum funding Limit:** Rs. 5,00,000/-
- **url:** <https://dbatu.ac.in/wp-content/uploads/2023/02/DBATU-VC-RPS-Application-Format.pdf>

DRDO

- **DRDO Provide Grant for**
 - Research Proposal
 - Student Level Competition
 - Seminar / Symposium / Workshop / Event
 - Equipment Retention
 - Equipment Purchase
 - Extramural Research
 - url: <https://www.drdo.gov.in/drdo/research-board>

DRDO-REASEARCH BOARD

- **Aeronautics Research and Development Board:**
 - Research, design and development for future needs of aircraft, helicopter, missiles and all other airborne vehicles.
 - To implement through appropriate institutions and individuals by sponsoring research, design and development projects, creating/improving infrastructure facilities deemed necessary.
 - To promote by educational and training programmes.
 - To promote R&D activities through appropriate scientific meetings, provisions of support for participation of scientists in such meetings, conduct of relevant competitions, training and visiting programmes within India and abroad.
 - Dissemination of appropriate technical information through journals and documents, encouragement of individual and collective efforts and nurturing of young talent by institutions with suitable awards, scholarships etc.
 - url: <https://www.drdo.gov.in/drdo/aeronautics-research-development/about-us>

DRDO-RESEARCH BOARD

- **Armaments Research Board:**
 - To support basic research applicable to armament discipline
 - To set principles and practices governing the relationship of DRDO with the academic world
 - To consider and approve, by peer evaluation, research proposals submitted to ARMREB
 - To set funding pattern and funding methodology for the research panels of ARMREB
 - ARMREB will exclude funding of development of system hardware.
 - url: <https://www.drdo.gov.in/drdo/armaments-research-board/about-us>

DRDO-REASEARCH BOARD

- **Life Science Research Board:**
 - Life Support & Biomedical Devices (LSBD)
 - Soldier Health & Drug Development (SH&DD)
 - Physiology of Extreme Environment & Behavioural Sciences (PEE&BS)
 - Biotechnology and Bioremediation (BTB)
 - Food, Agriculture & Bioprospecting (FAB)
 - url: <https://www.drdo.gov.in/drdo/life-sciences-research-board/about-us>

DRDO-REASEARCH BOARD

- **Naval Research Board:**
 - Materials (MAT)
 - Hydrodynamics (HYDRO)
 - Sonar and Signal Behavior(SSB)
 - Ocean Environment(OE)
 - Scientific Computing(SC)
 - Marine systems(MAR)
 - Hydro-Vibro- Acoustics (HVA)
 - url: <https://www.drdo.gov.in/drdo/naval-research-board/about-us>

ISRO – Courses, Grant

- **Academic Courses offered by ISRO at:**
 - Indian Institute of Remote Sensing (IIRS) at Dehradun
 - Academic collaboration with Anand Agriculture University (AAU)
 - Indian Institute of Space Science and Technology (IIST), Thiruvananthapuram
 - url: <https://www.isro.gov.in/AcademicCourses.html>
- **Grants for Conference / Workshop / Seminars / Symposia:**
 - The event shall be connected to the space domain and supported by one of the ISRO centres / programme offices of ISRO Headquarters
 - If the Institution is Non- Government: NGO Darpan Unique ID of the Institution is mandatory
 - url: https://www.isro.gov.in/Conference_Grants.html

ISRO - Fellowship

- Physical Research Laboratory (PRL) invites applications for Junior Research Fellowships
- PRL also offers Post-Doctoral Fellowship
- Space Physics Laboratory (SPL) offers Research Associate Positions, INSPIRE faculty and NPDF candidates to carry out their research activities
- Indian Institute of Space Technology (IIST) invites applications for Post Doctoral Fellowship
- National Atmospheric Research Laboratory (NARL) offers Post Doctoral Fellow (PDF)/Research Associate (RA)
- Space Applications Centre (SAC) invites applications for Research Fellowships, Research Associateships and Research Scientists
- url: <https://www.isro.gov.in/Fellowships.html>

BARC - Fellowship

- **DAE DOCTORAL FELLOWSHIP SCHEME (DDFS)**
 - Under the aegis of [Homi Bhabha National Institute \(HBNI\)](#) a Deemed to be University, will be admitted to one of the following Constituent Institutions of HBNI
 - Bhabha Atomic Research Centre (BARC), Mumbai;
 - [Indira Gandhi Centre for Atomic Research \(IGCAR\)](#), Kalpakkam;
 - [Institute of Plasma Research \(IPR\)](#), Gandhinagar;
 - [Variable Energy Cyclotron Centre\(VECC\)](#), Kolkata
 - **Qualification:**
 - Postgraduate degree in Chemical, Computer, Electrical, Electronics, Instrumentation, Mechanical, Metallurgical/Materials, Nuclear Engineering with minimum 60% Marks.
 - 60% marks in B. E. /B. Tech.

BARC - Fellowship

- **Age limit:**

- Born on or after August 1, 1995(28 years).
- Relaxable by three years for OBC-NCL(non-creamy layer)
- Relaxable by five years for SC/ST applicants
- Relaxable by 10 years for Persons with Disability (PWD) of all categories
- For Faculty in Engineering Colleges is 40 years, who desire to pursue Ph.D. without the fellowship grant.

- url: <https://www.barc.gov.in/careers/ddfs.html>

- **BARC Training Program:**

- Offers training program for Engineering Graduates and Science Postgraduates (OCES)
- url: <https://www.barc.gov.in/careers/training.html>

Research funding: 10 tips for writing a successful application

- Know the key people
- Know the funding sources
- Read the eligibility rules
- Submit your first few grants with senior colleagues who have been successful in getting grants
- Leave plenty of time to prepare
- Write well and have a focus, No unexplained jargon, Explain why research is needed
- Get other people to read it to get their feedback
- Network effectively
- Interpret referees feedback carefully and resubmit
- Plan applications in batches

Any question?