AcSIR

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH

An Institution of National Importance established by an Act of Parliament

Admission Brochure - Jan 2026 session

PhD in Science | PhD in Engineering | PhD in Medical Research

IDDP - Integrated Dual Degree Program (M.Tech. + PhD)

Scan here

Last date to apply

Oct 21, 2025

Content

Note:
*This is a complete list of AcSIR associated Research Institutes. Institutes participating in the January 2026 session along with their intake will be reflected on the admission portal.

About AcSIR

The Academy of Scientific and Innovative Research was established as an "Institution of National Importance" through an Act of Parliament in 2012. AcSIR is an overarching institution encompassing 79 prestigious Research Institutes, which among others include: 38 Institutes of the Council of Scientific and Industrial Research (CSIR), 28 Institutes of the Indian Council of Medical Research (ICMR), 4 Institutes of Department of Science & Technology (DST).

The Mission of the Academy is to create highest quality personnel with cross-disciplinary knowledge, aiming to provide leaders in the field of science and technology

Faculty of Studies

Agricultural Sciences
Biological Sciences
Chemical Sciences
Engineering Sciences
Mathematical & Information Sciences
Physical Sciences
Medical Research

"AcSIR is currently the largest educational institution in India for Doctoral Research in STEMM, having awarded 831 Ph.D. degrees in 2024 and with more than 7000 students currently enrolled in the Ph.D. program

AcSIR offers a fully funded opportunity to its Ph.D. students to pursue a part of their research for one year in top-tier foreign universities, under Joint Ph.D. Degree (cotutelle mode) program"

EIGHTH CONVOCATION, 2024

AcSIR at a Glance

>7000
PhD students enrolled

831
PhDs awarded in 2024

>1000
PhD enrollment per year

2735
Faculty

>6700
Alumni

>25000
Publications by Students

79
Campuses Pan India

AcSIR Ranking in India

9th — nirf NATIONAL INSTITUTIONAL RANKING FRAMEWORK

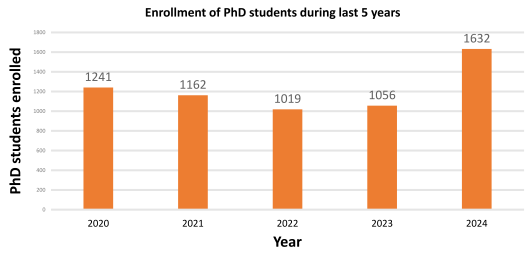
13th — SCIMAGO INSTITUTIONS RANKINGS

10th — nature index

9th — CWUR WORLD UNIVERSITY RANKINGS

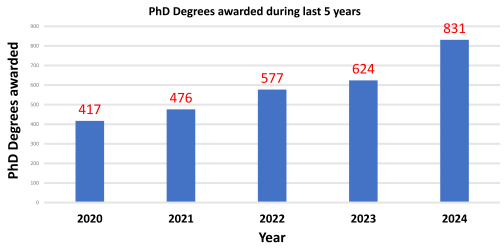
Ph.D Enrolled

Currently AcSIR has the highest number of PhD students enrolled for PhD degree(>6000) among educational institutes in India

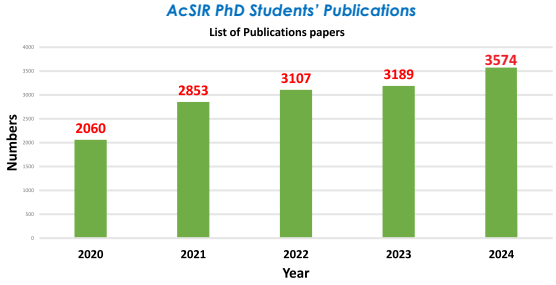


Ph.D Awarded

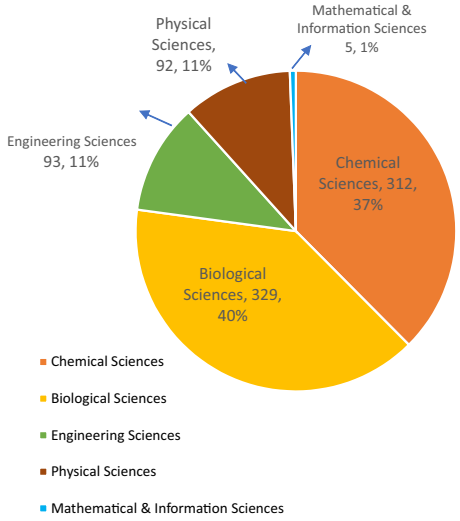
Currently AcSIR awards the highest number of PhD degrees/year among educational institutes in India



Publications



Faculty-wise PhDs awarded in 2024



Ph.D. Doctor of Philosophy

Eligibility Criteria for Admission

PhD Sciences (Biological Sciences, Chemical Sciences, Physical Sciences, Mathematical & Information Sciences, Agricultural Sciences):

Qualifying degree:
Master's degree in science with minimum 55% marks (without rounding off) or equivalent grade for General (UR)/General-EWS and minimum 50% marks (without rounding off) or equivalent grade for OBC (NCL)/SC/ST, Third gender and Persons with Disability (PwD).

OR

4-year/8-semester bachelor's degree programme with minimum 75% marks (without rounding off) or equivalent grade for General (UR)/General-EWS and minimum 70% marks (without rounding off) or equivalent grade for OBC (NCL)/SC/ST, third gender and Persons with Disability (PwD) from the recognized University.

Eligible categories:
National-level fellowship: Applicant should have a valid National-level Fellowship (JRF/ SRF of any funding agency, e.g. CSIR, ICMR, UGC, DBT, DST, etc.) or any other equivalent fellowship like DBT-BET, INSPIRE, RGNF, etc. (Tenable at all AcSIR associated Research Institutes except ICMR Institutes).

OR

Institutional fellowship: Applicants without any National-level Fellowship or GATE/JEST qualified applicants* (TENABLE only at DST-CeNS, DST-IASST, DST-IIA, MoEFCC-WII, TIGS,).

(For more details about the Institutional fellowship please visit the following website of the concerned AcSIR associated Research Institutes: -*

- *DST-CeNS (https://www.cens.res.in/en/)*
- *DST-IASST (https://iasst.gov.in/)*
- *DST-IIA (https://www.iiap.res.in/)*
- *MoEFCC-WII (https://wii.gov.in/)*
- *TIGS (https://tigs.res.in/)*

OR

Staff of AcSIR associated Research Institutes: Project Assistants, Senior Research Fellows, Group-IV Scientists and Group-III Technical Staff of CSIR, and other associated Research Institutes of AcSIR. NOC from the current employer is mandatory. (Applicable to all AcSIR associated Research Institutes except ICMR Institutes)

OR

Industry Sponsored candidates[#]: Endorsement (NOC) from the current employer is mandatory. (TENABLE at all AcSIR associated Research Institutes)

Ph.D. Doctor of Philosophy

Eligibility Criteria for Admission

PhD (Medical Research) (tenable only at ICMR Institutes, MAX and TIGS):

Qualifying degree:

Doctor of Medicine (D.M.) or Master of Chirurgiae (M.Ch.) or Doctor of Medicine (M.D.) or Master of Surgery (M.S.) from the National Medical Commission (NMC) (erstwhile Medical Council of India) recognized Medical College.

OR

Master's degree in Science/Public Health with minimum 55% marks (without rounding off) or equivalent grade for General (UR)/General-EWS and minimum 50% marks (without rounding off) or equivalent grade for OBC (NCL)/SC/ST, Third gender and Persons with Disability (PwD).

OR

Master's in population studies, social medicine, community health, anthropology, sociology and social work (medical), mathematical sciences, economics (health), biostatistics with minimum 55% marks (without rounding off) or equivalent grade for General (UR)/General-EWS and minimum 50% marks (without rounding off) or equivalent grade for OBC (NCL)/SC/ST, Third gender and Persons with Disability (PwD).

OR

M.Sc /MCA or equivalent/ DOEACC B-Level in IT/Computer Science/Information Science with minimum 55% marks (without rounding off) or equivalent grade for General (UR)/General-EWS and minimum 50% marks (without rounding off) or equivalent grade for OBC (NCL)/SC/ST, third gender and Persons with Disability (PwD) from the recognized University.

OR

Bachelor of Medicine and Bachelor of Surgery (MBBS), or Bachelor of Dental Surgery (BDS)/ Master of Dental Surgery (MDS) with minimum 55% marks (without rounding off) or equivalent grade for General (UR)/General-EWS and minimum 50% marks (without rounding off) or equivalent grade for OBC (NCL)/SC/ST, third gender and Persons with Disability (PwD) from the National Medical Commission (NMC) (erstwhile Medical Council of India) recognized Medical College.

OR

4-year/8-semester bachelor's degree programme with minimum 75% marks (without rounding off) or equivalent grade for General (UR)/General-EWS and minimum 70% marks (without rounding off) or equivalent grade for OBC (NCL)/SC/ST, third gender and Persons with Disability (PwD) from the recognized University.

Eligible categories:

National-level fellowship: The applicant should have a valid National-level Fellowship (JRF/ SRF of any funding agency, e.g. CSIR, ICMR, UGC, DBT, DST, etc.) or any other equivalent fellowship like DBT-BET, INSPIRE, RGNF, etc.

OR

Staff of AcSIR associated Research Institutes: Project Assistants, Senior Research Fellows, Technical Staff of ICMR and other associated Research Institutes of AcSIR possessing the qualifying degree are eligible to apply. NOC from the current employer is mandatory.

OR

Industry Sponsored candidates: Endorsement (NOC) from the current employer is mandatory.

Ph.D. Doctor of Philosophy

Eligibility Criteria for Admission

PhD (Engineering):

Qualifying degree:

Master's degree in Engineering or Technology (after a four-year engineering/technology degree or with an integrated 5-year B.Tech./M.Tech. degree or equivalent) with minimum 55% marks (without rounding off) or equivalent grade for General (UR)/General-EWS and minimum 50% marks (without rounding off) or equivalent grade for OBC (NCL)/SC/ST, Third gender and Persons with Disability (PwD).

OR

Bachelor's in Engineering or Technology (B.E./B.Tech.) with minimum 75% marks (without rounding off) or equivalent grade for General (UR)/General-EWS and minimum 70% marks (without rounding off) or equivalent grade for OBC (NCL)/SC/ST, third gender and Persons with Disability (PwD) from the recognized University.

Eligible categories:

Self-sponsored

OR

Institutional fellowship: Applicants without any national fellowship can also apply for Institutional Fellowships.

OR

Staff of AcSIR associated Research Institutes: Project Assistants, Senior Research Fellows, Group-IV Scientists and Group-III Technical Staff of CSIR, and other associated Research Institutes of AcSIR. NOC from the current employer is mandatory. (TENABLE at all AcSIR associated Research Institutes except ICMR Institutes)

OR

Industry Sponsored candidates: Endorsement (NOC) from the current employer is mandatory. (TENABLE at all AcSIR associated Research Institutes)

IDDP Integrated Dual Degree Program (M.Tech. + PhD)

Eligibility Criteria for Admission

Integrated Dual-Degree PhD (IDDP) Program:

Qualifying degree: 4-year undergraduate degree in Engineering (such as BE/BTech/BS) with minimum 55% marks (without rounding off) or equivalent grade for General (UR)/General-EWS and minimum 50% marks (without rounding off) or equivalent grade for OBC (NCL)/SC/ST, Third Gender and Persons with Disability (PwD).

Eligible categories:

Self-sponsored

OR

Staff of AcSIR associated Research Institutes: Project Assistants, Senior Research Fellows, Group-IV Scientists and Group-III Technical Staff of CSIR, and other Associated Research Institutes of AcSIR. NOC from the current employer is mandatory. (TENABLE at all AcSIR associated Research Institutes except ICMR Institutes)

OR

Industry Sponsored candidates[#]: Endorsement (NOC) from the current employer is mandatory. (TENABLE at all AcSIR associated Research Institutes)

Ph.D. Doctor of Philosophy

Eligibility Criteria for Admission

Eligibility for Project Assistants: -

i. Only those Project Assistants working in the Institutes may be considered for admission to AcSIR Ph.D. program who have been in temporary employment as a Project Assistant in a sanctioned R&D project in the same Institute for at least one year (one year will be determined as on the last date of admission confirmation by payment of fees, as notified by AcSIR for each Academic Session in which the Project Assistant intends to seek admission for Ph.D.), and can only apply with the prior permission of the PI of the project and concurrence of the Director of the Institute;

ii. Project Assistants who have not qualified any National level Examination, will need to have at least one patent (Filed) or one publication in a SCI journal with substantial research contribution as a coauthor by the day of application;

iii. Project Assistants who have qualified any PhD qualifying National level Examination [NET (Category 2 and 3) as per public notice no.F.-1(UGC-NET Review Committee)/ 2024(NET)/ 140648 dated March 27, 2024, GATE, BET, JEST, etc.], even without eligible fellowship, will be exempted from the eligibility criteria of having one publication;

iv. The Project Assistants who are being considered for admission to the AcSIR Ph.D program, must fulfil the eligibility conditions. The Screening and Selection committee, constituted as per rules of AcSIR, must evaluate the knowledge of the candidate in the subject and research capabilities critically;

v. The selection shall be made on the basis of an oral examination by the Selection Committee constituted at the Institute, which shall be considered equivalent to a written examination;

vi. On completion of their tenure of the R&D project from which the student was drawing his/her fellowship, the student may be given an option to continue in the Ph.D program without a fellowship, with approval of the Director of the concerned Institute, failing which their admission in the Ph.D program will stand cancelled..

Ph.D. Doctor of Philosophy

General Guidelines for all Applicants

1. Applicants whose final results of the eligibility degree are awaited can also apply. If selected, they will be provisionally admitted to the program. Their continuation in the program will be subject to securing required percentage/ equivalent grade (depending on the cut-off marks for screening for the specific program), submission of marks-sheet of their final result, and meeting the other eligibility criteria, at the time of joining the program.

2. #AcSIR encourage working professional to pursue their Research as an Industrial Sponsored candidate. If a working professional show interest in research and his/her employer allows then they can apply in AcSIR as an Industry sponsored candidate. NOC from the current employer is mandatory

3. The tuition fee once paid by the student selected for PhD admission to any AcSIR Research Institute, would henceforth be transferable to any other AcSIR-affiliated institute, where the student has been also selected for admission in the PhD program (including being selected from the waiting list), subject to the availability of seats. The tuition fee would only be transferable till the commencement of the academic session, as notified by AcSIR-HQs. for admission to that particular semester.

--Applicants qualifying their degree in percentage shall use the formula, CGPA=(Percentage + 5) /10. Applicants with percentage ≥ 95%, shall fill 10 CGPA in the Online Application Form.

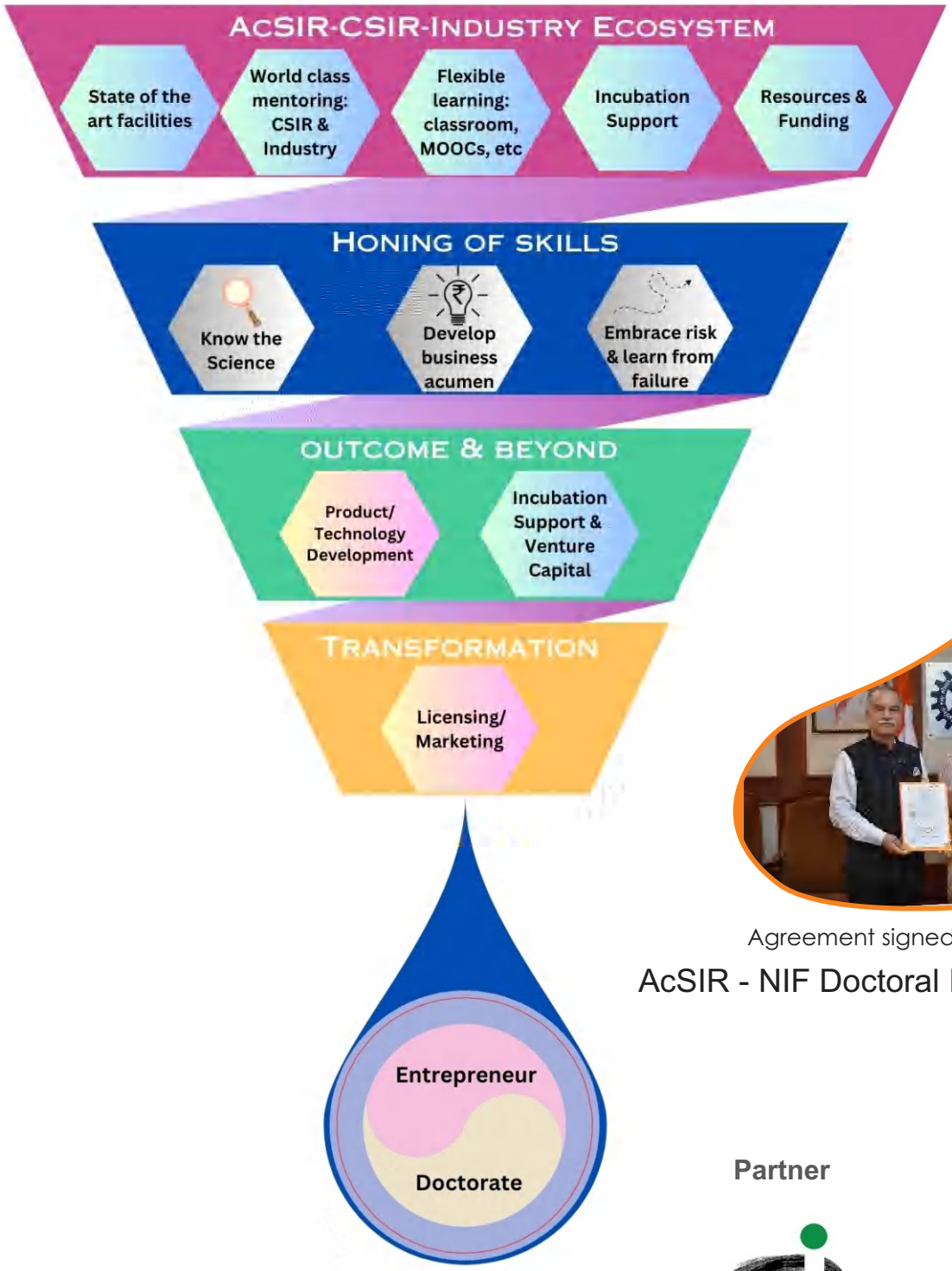
--AcSIR itself does not provide any such scholarship or have any rule in these matters.

First of its kind in INDIA

iPhD

*i*maginative, *i*nnovative, *i*ndustry linked program

Student to Sciencepreneur



Agreement signed between AcSIR & NIF-India

AcSIR - NIF Doctoral Innovation Fellowship

Features

Curriculum based on innovation and Entrepreneurship
Backed by Industrial support
Guided by competent mentors
Worldclass research infrastructure

Partner

National Innovation Foundation

Seven students have joined in First cohort

Structure of the *i*PhD program

Program focus
Research to develop new product/ technology for Nation Progress & societal good

Eligibility
Master degree holder with entrepreneurial mindset

Mentorship
selected candidates shall jointly be supervised for Ph.D. by the faculty of AcSIR and Industrial expert

Coursework
- Minimum credit requirement of 18 credits
- Built-in flexibility for completing the specially designed courses

Monitoring:
- Monitoring Committee (having industry experts as members) shall review the progress of the student every 6 months.
- Monitoring Committee shall be constituted by the Director, AcSIR and shall also serve as Doctoral Advisory Committee (DAC).

Comprehensive Examination: Evaluation of progress in technology at the end of 3rd year

Comprehensive Examination
Evaluation of progress in technology at the end of 3rd year

Residency
Student shall have flexibility to work in different Labs (industrial or scientific) and/or remain in field

Program Duration
The PhD. degree program shall be for a minimum duration of three (3) years, including course work and a maximum of six (6) years from the date of admission to the PhD. program

Thesis submission pre-requisites
Filing of two Patents shall be mandatory before submission of Ph.D. thesis.

Award of Ph.D. degree
Thesis on TRL 4 level technology and its evaluation by Technologists/ industry Experts for the award of the PhD degree.

Post Ph.D. Support
Support with respect to incubation of business idea, etc.

*i*Ph.D

Student to Sciencepreneur

(Notification for *i*PhD will be released shortly for Jan 2026)

AcSIR associated Research Institutes

38 Institutes of CSIR

AcSIR Associated Research Institutes	Faculty of Studies	Areas of Research

CSIR - Advanced Materials and Process Research Institute, Bhopal

CSIR-AMPRI, BHOPAL

Engineering Sciences

Biological Sciences

- Alloys, Composites & Cellular Materials
- Green Engineered & Additive Manufacturing
- Hybrid Building Materials & Manufacturing
- Industrial Waste Utilization, Nano & Biomaterials
- Intelligent materials & Advanced Processes
- Water Resources Management & Rural Technologies

CSIR - Central Building Research Institute, Roorkee

CSIR-CBRI, ROORKEE

Engineering Sciences

- Advanced Concrete, Steel & Composites
- Architecture Planning and Energy Efficiency
- Building Materials & Environmental Sustainability
- Construction Automation & Robotics
- Fire Safety Engineering
- Geotechnical Engineering & Geohazards
- Heritage & Special Structures
- Structural Engineering

CSIR - Centre for Cellular & Molecular Biology, Hyderabad

CSIR-CCMB, HYDERABAD

Biological Sciences

- Developmental Biology
- Structural Biology
- Genomics and Epigenetic Regulation
- Cell and Stem Cell Biology
- Microbes and Biology of Infection
- Wildlife Conservation and Ecology
- Crop Improvement
- Innovation and Technology Development

CSIR - Central Drug Research Institute, Lucknow

CSIR-CDRI, LUCKNOW

Biological Sciences

- Malaria and other Parasitic Diseases
- Antimicrobial Resistance
- Virus Research & Therapeutics Cancer Biology
- Neuroscience & Ageing Biology
- Cardiovascular system Disorders
- Bone Health & Metabolic Bone Diseases
- Reproductive Health Research
- Pre-clinical studies & Translational Research

Chemical Sciences

- Organic & Medicinal Chemistry
- Natural Product Chemistry Chemical
- Biology Spectroscopy & Its applications
- Crystal Engineering

CSIR - Central Electrochemical Research Institute, Karaikudi

CSIR-CECRI, KARAIKUDI

Engineering Sciences

- Corrosion and Materials Protection
- Electrochemical Power Sources
- Electroplating & Metal Finishing
- Electrodics & Electrocatalysis
- Materials Electrochemistry
- Electrochemical Process Engineering

CSIR - Central Electronics Engineering Research Institute, Pilani

CSIR-CEERI, PILANI

Physical Sciences

- Semiconductors and optoelectronics
- Semiconductor Sensors and Microsystems
- Advanced Information Technologies
- Integrated Circuits and Systems
- Microwave
- High frequency components
- Devices and systems
- High-Power Microwave Systems

Engineering Sciences

- Semiconductor-based sensors and microsystems
- Semiconductor Processes Technologies
- Advanced Information Technologies
- Integrated Circuits and Systems
- Vacuum Electron Devices
- High-Frequency Devices and Systems
- High-Power Microwave Systems

CSIR - Central Food Technological Research Institute, Mysuru

CSIR-CFTRI, MYSURU

Biological Sciences

- Biotechnology
- Microbiology
- Biochemistry
- Molecular Nutrition
- Food Science and Technology

Chemical Sciences

- Packaging Technology
- Flavour Chemistry
- Natural Product Chemistry
- Synthetic Organic
- Bioactives from Food Sources
- Specie Chemistry

Engineering Sciences

- Food Engineering
- Environmental Engineering
- Design and Fabrication
- Food Science and Nutrition
- Fruit and Vegetable Technology

CSIR - Central Glass & Ceramic Research Institute, Kolkata

CSIR-CGCRI, KOLKATA

Engineering Sciences

- Orthopaedic, dental and maxillofacial implants/materialsElectrochemical Power Sources
- Tissue engineering & drug delivery
- Reconstructive and Trauma materials
- Coatings
- Ceramic materials
- polycrystalline diamond materials for electron tubes

CSIR - Central Institute of Medicinal & Aromatic Plants, Lucknow

CSIR-CIMAP, LUCKNOW

Biological Sciences
Agricultural Sciences

- Phytochemistry
- Bio-Prospection & Product Development
- Plant Biotechnology
- Crop Protection and Production
- Plant Breading & Genetic Resource Conservation
- Technology Dissemination and Computational Biology

CSIR - Central Institute of Mining and Fuel Research, Dhanbad

CSIR-CIMFR, DHANBAD

Chemical Sciences

- Clean Coal technology
- Carbon Capture, Utilization and Storage (CCUS)
- Earth and Environmental Sciences

Engineering Sciences

- Mining Engineering
- Mine Mechanization and Automation
- Rock Excavation Engineering
- AI & ML in Mining
- Environmental Engineering & Management
- Mining Machinery

CSIR - Central Leather Research Institute, Chennai

CSIR-CLRI, CHENNAI

Chemical Sciences

- Novel polymeric materials for leather.
- Plastic electronics.
- Conjugated polymers .
- Synthesis of liquid crystalline molecules
- Single-walled carbon nanotubes
- Ionic liquid crystalline polyurethane blends, composites and foam composites.
- Supramolecular polymers
- polyurethane-drug conjugates in drug delivery.
- Thermoresponsive polymers
- Nanoclays for filling cum retanning in leather

CSIR - Fourth Paradigm Institute, Bengaluru

CSIR-4PI, BENGALURU

Mathematical & Information Sciences

- Data Science and Supercomputing
- Earth & Engineering Sciences

CSIR-CSMCRI, BHAVNAGAR

Biological Sciences

Seaweed biotechnology
Seaweed metabolomics and nutraceuticals
marine biology
Algal biostimulant & biofertilizer
Plant Abiotic stress
Plant proteomics & metabolomics
Plant Biotechnology & Plant Molecular Biology
Soil/ marine microbiology
Plant Tissue Culture
Seaweed cultivation
Plant gene cloning & genetic engineering
Plant transgene technology
Plant genome editing
Marine environmental monitoring
Microalgae: value addition and processing
Plant Physiology
Breeding & Genetics
Phytoremediation
Waste land reclamation & management
Saline agriculture

Chemical Sciences

Inorganic Metal Complexes synthesis
Electrochemical Energy Conversion
Organic transformations
Heterocycle Synthesis & Functionaiizations,
C-H Functionalization
Asymmetric synthesis
Ion Exchange Membranes
Thin Film composite
Nano filtration & Hollow fibre Membrane
Reverse and forward Osmosis membrane
science & technology conducting polyme
Water Treatment
Separation Technology
Ionic liquids
Solution thermodynamics
Computational Chemistry Salts and
Marine Chemicals
Electrochemical & Optical sensors
Elecro & Photo catalysis
Heterogeneous & Homogeneous catalysis
Seaweed Polysaccharides
Natural product chemistry Analytical
Chemistry- Method Developments
Seaweed Functionalization
Coordination chemistry
Chemical process development
and engineering (speciality
and other salt & marine chemicals)
Porous metal-organic and
covalent-organic frameworks
Metallopolymeric matrix/gel
Zeolite & Silica based Materials
C02 capture & utilization
Chemical biology

CSIR-CSMCRI, BHAVNAGAR

Engineering Sciences

- Valorization of biomass
- Fermentation Technology
- Marine Environmental monitoring
- Reverse and forward Osmosis membrane -science & technology
- Chemical process development -and Engineering
- Heat & Mass transfer
- Fluid mechanics
- Renewable energy
- Analytical and Process control -instrumentation
- Civil Engineering and Engineering aspects of Solar Salt Works
- Embedded systems
- Cooling Crystallization

CSIR - Institute of Genomics and Integrative Biology, New Delhi

CSIR-IGIB, NEW DELHI

Biological Sciences

- Genomics and Molecular Medicine
- Cardiorespiratory Disease Biology
- Chemical and Systems Biology
- Informatics and Big Data
- Integrative and Functional Biology
- Immunology and Infectious Disease Biology

CSIR - Institute of Himalayan Bioresource Technology, Palampur

CSIR-IHBT, PALAMPUR

Biological Sciences

- Agriculture Sciences
- Biochemistry
- Biotechnology
- Microbial Biotechnology
- Fermentation Technology
- Bioinformatics
- Computer Science
- Scientific Computing
- Data Science
- Artificial Intelligence
- Botany
- Entomology
- Forestry & Environmental Sciences
- Food Science
- Food Technology
- Genetics and Plant Breeding
- Plant Molecular Biology
- Floriculture
- Microbiology
- Industrial Microbiology
- Medical Microbiology
- Molecular Microbiology
- Molecular Biology
- Nanotechnology
- Nano biosciences
- Plant Science
- Plant Pathology
- Plant Physiology
- Pharmaceutical sciences (Pharmacology & Pharmacology & Toxicology)
- Zoology
- Human Genetics
- Virology
- Traditional Medicine
- Natural Resource Management
- Statistics
- Remote Sensing & GIS

Chemical Sciences

- Organic Chemistry
- Analytical Chemistry
- Inorganic Chemistry
- Physical Chemistry
- Chemistry
- Pharmaceutical Chemistry

CSIR - Central Mechanical Engineering Research Institute, Durgapur

CSIR-CMERI, DURGAPUR

Engineering Sciences

- Humanoids
- Underwater Telemanipulators
- Soft Robots, Soft Actuators and SoftSensors
- Rehabilitation robotics
- Mechatronics and Control,
- IoT Embedded System and Data Analytics
- Space applications
- Civil &Structural Engineering
- Mechatronics
- Advanced electric drive-train applications

Chemical Sciences

- Polymer composites
- Energy storage areas
- Ionic Polymer Metal Composite

Mathematical & Information Sciences

- Robotic systems
- Health Care applications
- IoT Embedded System and Data Analytics
- Artificial Intelligence (AI)

CSIR - Central Road Research Institute, New Delhi

CSIR-CRRI, NEW DELHI

Engineering Sciences

- Bridge Engineering and Structures
- Geotechnical Engineering
- Pavements & Evaulation
- Traffic Engineering and safety
- Transport Planning and Environment

CSIR - Central Scientific Instruments Organisation, Chandigarh

CSIR-CSIO, CHANDHIGARH

Physical Sciences

- Materials
- Photonics
- Nanotechnology
- Physics
- Sensors
- Holography
- Biomolecular Electronics

Engineering Sciences

- Mechanical Engineering
- Electronics Engineering
- Computer Engineering
- Optical Engineering
- Instrumentation
- Biomedical
- Image processing
- Nanotechnology
- Biotechnology
- Energy Management
- Sensors

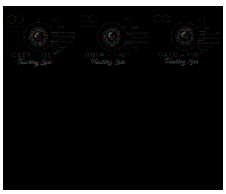
CSIR - Indian Institute of Chemical Biology, Kolkata

CSIR-IICB, KOLKATA

Biological Sciences

- Cancer Biology & Inflammatory Disorder
- Cell Biology & Physiology
- Infectious Diseases & Immunology
- Molecular Genetics
- Organic & Medicinal Chemistry
- Structural Biology & Bioinformatices

CSIR - Indian Institute of Chemical Technology, Hyderabad



CSIR-IICT, HYDERABAD

Chemical Sciences

- Organic Chemistry
- Medicinal Chemistry
- Natural Products
- Process Chemistry
- Fluoro Organics
- Agrochemicals
- Catalysis & Fine Chemicals
- Analytical and Structural Chemistry
- Polymers & Functional Materials
- Lipids
- Nano Materials
- Energy Sciences

Biological Sciences

- Biotechnology
- Microbiology
- Zoology
- Pharmaceutics
- Pharmacology
- Environmental Science
- Biomaterials
- Biochemistry

Engineering Sciences

- Chemical Engineering
- Process Engineering
- Lipid Science & Technology
- Polymer Technology
- Oils & Fats Processing
- Separation Science & Technology
- Chemical Kinetics
- Design Engineering
- Energy & Allied Materials

CSIR - Indian Institute of Integrative Medicine, Jammu

CSIR-IIIM, JAMMU

Chemical Sciences

- Natural Products & Medicinal Chemistry
- Phytochemistry
- Synthetic Chemistry
- Quality Management & Instrumentation

Biological Sciences

- Fermentation and Microbial Biotechnology
- Infectious Diseases
- Computational Biology

Agricultural Sciences

- Plant Sciences and Agrotechnology (PSA)

CSIR - Indian Institute of Petroleum, Dehradun

Chemical Sciences

- Catalysis
- Catalytic Processes
- Reforming
- Syngas Chemistry
- Biogas
- Advanced Functional Materials
- Adsorption and Absorption
- Carbon Nanomaterials
- Fuels and Energy
- Biofuels
- Lignin Valorization through chemical bio-chemicalthermal conversions
- Life cycle analysis
- Petrochemicals
- Green Chemistry
- Specialty Chemicals
- Lubricants and Additives
- Solvent Extraction
- CO_2 capture and utilization (ccus)
- Chemicals and Energy
- Waste-to-Wealth (Waste Plastics, ewaste)
- Hydrogen energy
- Petro-refining Processes
- Hydroprocessing
- Heavy Oil Processing
- Reaction Engineering
- Fluid Catalytic Cracking
- Analytical Methods Development

Biological Sciences

- Biomass to Chemicals
- Environmental Science
- Microbial Biotechnology
- Industrial ecology
- Waste water processing
- Microbial Fermentation
- Oleaginous Fermentation
- Material Resource Efficiency
- Circular economy
- Carbon flux assessment
- Microbial-omics
- Nutraceuticals and API
- Bio-remediation
- Enzymology
- Bio-manufacturing
- Biofuel
- Bioethanol (1G, 2G, 1.5G)

Creating Future Fuels

CSIR-IIP, DEHRADUN

Physical Sciences

- Photovoltaic (PV) Batteries
- Solid state hydrogen -storage material

Engineering Sciences

- Mass Transfer
- Process Intensification
- Material characteristics
- Lubricant materials
- Tribology
- High entropy alloy

CSIR - Indian Institute of Toxicology Research, Lucknow

CSIR-IITR, LUCKNOW

Biological Sciences

- Toxicoinformatics & Industrial Research
- Environmental Toxicology
- Food, Drug & Chemical Toxicology
- Systems Toxicology & Health Risk Assessment
- Regulatory Toxicology

CSIR - Institute of Minerals and Materials Technology, Bhubaneswar

Physical Sciences

- Physics
- Electronics
- Geology
- Materials sciences
- Nano-sciences

Biological Sciences

- Biology (Plant sciences/Botany, Animal sciences/Zoology)
- Environmental Sciences
- Microbiology, Biotechnology

Chemical Sciences

- Chemistry (Physical/Organic /Inorganic /analytical)
- Materials
- Environmental
- Nano-sciences

Mathematical & Information Sciences

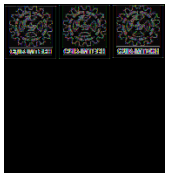
- Information

Engineering Sciences

- Metallurgical Engineering
- Chemical Engineering
- Mineral Engineering
- Mechanical Engineering
- Electronics Engineering
- Electrical Engineering
- Computer Science Engineering
- Information Technology Engineering

CSIR-IMMT, BHUBANESWAR

CSIR - Institute of Microbial Technology, Chandigarh



CSIR-IMTECH, CHANDIGARH

Biological Sciences

- Antimicrobial Research
- Virology
- Microbiome
- Biotherapeutics and Metabolics
- Microbial Type Culture Collection
- Biochemical Engineering
- Diagnostics
- Bioinformatics and Big Data Analytics
- Screening Platforms
- Genomics and Structural Biology
- Instrumentation & Core Facilities
- Medicinal Chemistry
- IT Facilities
- iCARE

CSIR - National Aerospace Laboratories, Bengaluru

CSIR-NAL, BENGALURU

Engineering Sciences

- Corrosion & Tribology
- Energy
- Function Materials
- Nanoscale Architecture
- Sensors
- Structural Ceramics
- Aircraft Radome Technology
- Autopilot Systems

CSIR - National Botanical Research Institute, Lucknow

CSIR-NBRI, LUCKNOW

Biological Sciences

Agricultural Sciences

- Plant Molecular Biology
- Biodiversity
- Toxonomy
- Environmental Science
- Plant Microbe Interaction
- Phytochemistry
- Soil Science

CSIR - National Chemical Laboratory, Pune

CSIR-NCL PUNE

Chemical Sciences

- New catalytic materials
- Speciality chemicals
- Soft Condensed Matter Physics
- Polymers
- Polyolefin Science and Technology
- Polymer Membrane Technology / Fuel cell
- Conductive Polymers and Energy Materials
- Sustained and Controlled Release Technology
- Personal Protective Equipment (PPE) recycling
- Nano-materials & nanoparticles
- Medicinal chemistry
- Process chemistry
- Custom synthesis
- Isolation of natural products
- Total synthesis of natural products
- Carbohydrate chemistry
- Oligonucleotides
- Peptidomimetics
- Synthetic foldamers
- Biocatalysis
- Photochemistry
- Organo catalysis
- Homogenous catalysis
- Asymmetric synthesis
- Organic functional materials
- Organic dyes
- Entomology
- Bioorganic Chemistry
- Chemical Biology
- Computational Chemistry
- Quantum Computing

Biological Sciences

Proteomics
Computational biology
Fermentation
Enzymology and microbiology
Plant biochemistry and molecular biology
Structural biology
National collection of industrial microorganisms
Biosimilars
Cellulosics
Microbiology and Microbial Diversity
Microbial Technology
Microbe derived Bioactive Molecules
Antimicrobial Resistance
Human and Animal Pathogen Surveillance (Environmental and Clinical)
Drug resistance in Infectious Disease (Malaria)
Pathogen Biology (Malaria, Toxoplasmosis, Salmonellosis)
Disease Epidemiology
Computational and Systems Biology
Genomics and Genome Editing
Plant Biochemistry and Plant Biotechnology
Plant-Pathogen Interaction studies
Bioprospecting of Biodiversity
Human Metabolic and Genetic Disorders (Diabetes and Cancer)
Structure Biology (X-ray diffraction, NMR and Cryo-electron Microscopy)
Protein Expression and Functional Characterization
Biomarker studies
Drug Discovery studies
Biotherapeutics Fermentation
Mammalian Cell Culture systems
Plant Natural Products (biosynthesis pathway studies,isolation, characterization -and applications)
Bio-Membrane Dynamics
Clinical studies using Omics approach (Proteomics, metabolomics & Genomics)
Probiotics and Prebiotics
Bio-Nanomaterial and Nanobiotechnology
Drug Delivery systems (Nano and Polymeric)
Diagnostics (Aptamers, CRISPR, Oxford Nanopore Sequencing, Mass Spectrometry)
Biocatalysis
Biomaterials (Cellulosics)

Physical Sciences

Theoretical computational chemistry
Materials science
Thermodynamics of chemical reactions and -processes
Nanoscale science
Molecular modelling and simulations
Reaction Kinetics and reaction mechanism
Computational Physics
Quantum Computing
Computational Materials Science

Mathematical & Information Sciences

Machine learning
Artificial Intelligence
Natural Language Processing
Quantum Computing
Mathematical modelling
Systems and network modellingT
heoretical BiologyAI/DL models for materials design
Quantum computing

Engineering Sciences

Bio-chemical and biological engineering
Bio-chemical and biological engineering
Process separations
Process modelling & engineering
Modular-agile-intensified continuous (MAGIC) Processes
Continuous flow synthesis
Biochemical and biological engineering
Process Development and Scale-up

Catalysis
Reactors and Separations
Biochemical and Biological Engineering
Chemical Engineering
Polymer science
Plastic & polymer engineering
Nanotechnology
Bioinformatics
biotechnology
computational biology
Computer science
Material science & technology
Metallurgical and material science & technology
Process modelling and simulation
advanced distillation configurations,
-flow chemistry
Bioengineering
Artificial intelligence
Oncology

CSIR-NCL PUNE

CSIR - National Environmental Engineering Research Institute, Nagpur

CSIR-NEERI, NAGPUR

Engineering Sciences
Physical Sciences

- Air Pollution Control
- Environmental Impact And Sustainability
- Cleaner Technology and Modelling
- Waste Water Technology
- Water Technology and Management
- Environmental Biotechnology And Genomics
- Climate Change and Green Material
- Environmental Virology Cell
- Health and Toxicity Cell
- Environmental Audit and Policy Implementation
- Chemical and Hazardous Waste Management
- Sophisticated Environmental Analytical Facility
- Waste Reprocessing
- Energy and Resource Management

CSIR - North East Institute of Science & Technology, Jorhat

CSIR-NEIST, JORHAT

Biological Sciences

- Zoology
- Biotechnology
- Molecular Biology
- Botany
- Pharmacology
- Biomedical
- Bioinformatics
- Infectious diseases

Chemical Sciences

- Advanced Material
- Coal Chemistry
- Chemical Engineering
- Synthetic Organic Chemistry
- Natural Product Chemistry
- Analytical Chemistry
- Polymer & Petroleum
- Separation Science

Physical Sciences

- Computational Seismology & Geophysics
- Geology
- Geochemistry

Mathematical & Information Sciences

- Artificial intelligence
- Machine Learning
- Big Data

Engineering Sciences

- Heat & Mass Transfer
- Biomass and Solar Energy
- Advanced Manufacturing
- Mechanical Simulation & Modelling
- Thermo Electric Devices

CSIR - National Geophysical Research Institute, Hyderabad

CSIR-NGRI, HYDERABAD

Physical Sciences

- Airborne Geophysics
- Computational Electromagnetics
- Controlled Source Seismics and Gas Hydrates
- Earth Process Modelling
- Earthquake Hazard
- Electrical and Heliborne Geophysics
- Environmental Seismology
- Geochemistry
- Geochronology
- Geology
- Geomagnetism
- Gravity and Magnetics
- Instrumentation and Engineering Geophysics
- Magnetotellurics
- Paleo-Seismology
- Planetary Sciences
- Seismological Imaging
- Shallow Seismics
- Tectonic Geodesy

CSIR - National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram

CSIR-NIIST, THIRUVANANTHAPURAM

Chemical Sciences
Physical Sciences
Engineering Sciences

- Agroprocessing
- Sustainable Energy
- Environment Technology
- Materials Science
- Microbial Process
- Artificial Intelligence & Machine Learning

CSIR - National Institute of Oceanography, Goa

CSIR-NIO, GOA

Physical Sciences

- Marine Geology
- Geophysics
- Physical Oceanography

Biological Sciences

- Marine Biology
- Marine Biotechnology
- Marine Ecology

Chemical Sciences

- Biogeochemistry
- Marine pollution
- Marine Natural Products

Mathematical & Information Sciences

- Applied Mathematics
- Atmospheric Ocean Science & Mathematics

Engineering Sciences

- Ocean Engineering
- Marine Instrumentation

CSIR - National Institute of Science Communication and Policy Research, New Delhi

CSIR-NIScPR, New Delhi

Mathematical & Information Sciences
Agricultural Sciences

- Innovation, Entrepreneurship, and -Diffusion Research
- Energy, Environment & Sustainability
- Studies in Science Communication
- Agriculture & Sustainable Rural Development
- Inclusive Health & Traditional Knowledge
- Global Governance & Science Diplomacy
- Internatinal Popular Science

CSIR - National Metallurgical Laboratory, Jamshedpur

CSIR-NML, JAMSHEDPUR

Engineering Sciences

- Mineral Processing
- Process Metallurgy
- Physical Metallurgy
- Mechanical Metallurgy
- Corrosion and Surface Engineering
- Advanced material
- Waste utilisation

Chemical Sciences

- Sustainable materials for green energy -conversion and storage
- Surface chemistry and catalysis
- Electrochemistryand corrosion
- Waste utilization and recycling
- Analytical and environmental chemistry
- Functional nanomaterials and coatings
- Theoretical chemistry including molecular -dynamics and DFT simulation

CSIR - National Physical Laboratory, New Delhi

CSIR-NPL, NEW DELHI

Physical Sciences

Organic and Perovskite Solar cells/
Materials Science/Physics
2D materials for optoelectronic devices
/quantum devices
Laser induced white light
Luminescent materials
Perovskite
Oxides and organic semiconductor devices
/2D materials for device applications
Quantum technologies
Optics and instrumentation for laser
-cooling of atoms
Time & Frequency Metrology
Boltzmann constant based
-quantum standards
Infrared thermometry
2D materials and Vacuum Metrology
Semiconductor for optoelectronic properties
3D Printed Electronics and
-Electrochemical Devices
Metal oxide/transition metal chalcogenides
-thin films for gas sensor applications
Stable LasersQuantum applications
FPGA based Digital and RF signal generator
Time and Frequency Metrology
Semiconductor Thin Film Devices
Physics of nanodevices
Detection of low energy photons
Fabrication of THz absorbers and detectors
Topological Quantum Materials
Including Superconductors/Magnetics
Solar cell reliability
Band engineering in alloys and
-heterostructures of 2D materials
2D materials and phase transitions

Chemical Sciences

Development of carbon
materials for energy applications
Indoor air pollution
Bioaerosols
Atmospheric deposition
Atmospheric aerosols
Metal organic framework for
-hydrogen storage
Measurement of GHC emission
Organic and Perovskite
-Solar cells/ Materials chemistry

Engineering Sciences

Industrial Engineering
Recycling of E-waste and
-Plastic waste to wealth for energy
-and environmental applications
Development of Interferometry
based measurement system
for 100 g
-Kibble Balance
High entropy oxides
Computer Vision
Smart Grid
Microgrid
Metrological characterization
-of PMUs
Application for monitoring
Protection and control of
-the power grid

CSIR - Structural Engineering Research Centre, Chennai

CSIR-SERC, CHENNAI

Engineering Sciences

Advanced Materials for Sustainable Structures
Disaster Mitigation
Special and Multi-functional Structures
Structural Health Monitoring & Life Extension

CSIR - Unit for Research & Development of Information Products, Pune

CSIR-URDIP, PUNE

Mathematical & Information Sciences

Patinformatics
Toxinformatics
Phytoinformatics
Cheminformatics

28 Institutes of ICMR

The Indian Council of Medical Research (ICMR) Hqrs. New Delhi

ICMR- HQRS. NEW DELHI

Medical Research

Formulation, coordination and promotion of biomedical research

Translating medical innovations in to products/processes and introducing them in to the public health system

ICMR-National JALMA Institute for Leprosy & Other Mycobacterial Diseases, Agra

ICMR-NJIL&OMD, AGRA

Medical Research

Leprosy
Tuberculosis
Mycobacteriosis
HIV
Filariasis

ICMR-National Institute of Traditional Medicine, Belagavi

ICMR-NITM, BELAGAVI

Medical Research

Traditional Medicine: lifestyle and metabolic diseases, geriatric and mental disorders, viral infections

ICMR-National Centre for Disease Informatics and Research, Bengaluru

ICMR-NCDIR, BENGALURU

Medical Research

Cancer
Diabetes
CVD
Stroke

ICMR-National Institute for Research in Environmental Health, Bhopal

ICMR-NIREH, BHOPAL

Medical Research

Environmental Health
Epidemiological Research

ICMR -National Institute of Irmmunohaematology , Mumbai

ICMR- NIIH, MUMBAI

Medical Research

- Hematology
- Tranfusion Medicine
- Immunology

ICMR-National Institute of Epidemiology, Chennai

ICMR-NIE, CHENNAI

Medical Research

- Epidemiological Research
- Leprosy

ICMR-National Institute for Research in Digital Health and Data Sciences, New Delhi

ICMR-NIRDHDS, NEW DELHI

Medical Research

- Medical Statistics
- Bio-medical and bio-behavioral research

ICMR-Regional Medical Research Centre, NE Region, Dibrugarh

ICMR-RMRCNE, DIBRUGARH

Medical Research

- Mosquito borne diseases
- HIV and drug abuse
- Trematode infection
- Haemoglobinopathies
- Cancer nasopharynx, oesophagus, stomach
- Cardiovascular diseases
- Medicinal plants of NE India
- Nutrition

ICMR-National Animal Resource Facility for Biomedical Research, Hyderabad

ICMR-NARFBR, HYDERABAD

Medical Research

- Developmental BiologyReproductive BiologyNeurobiologyBehavioural SciencesCardiologyStem CellMolecular Cell BiologyImmunologyVirology

ICMR-National Institute for Research in Tribal Health, Jabalpur

ICMR- NIRTH, JABALPUR

Medical Research

- Tribal Health

ICMR-National Institute for Research in Reproductive & Child Health, Mumbai

ICMR-NIRRCH, MUMBAI

Medical Research

- Reproductive Health

ICMR-Rajendra Memorial Research Institute of Medical Sciences, Patna

ICMR-RMRIMS, PATNA

Medical Research

- Visceral Leishmaniasis (Kala-azar)
- HIV/AIDS
- Tuberculosis

ICMR-Vector Control Research Centre, Puducherry

ICMR-VCRC, PUDUCHERRY

Medical Research

- Mosquito borne diseases
- HIV and drug abuse
- Trematode infection
- Haemoglobinopathies
- Cancer nasopharynx, oesophagus, stomach
- Cardiovascular diseases
- Medicinal plants of NE India
- Nutrition

ICMR-National Institute of Virology, Pune

ICMR-NIV, PUNE

Medical Research

- Cell Repository
- Electron Microscopy
- Rickettsioses
- Hepatitis
- Influenza and related viruses
- Clinical Virology
- Biochemistry
- Virus Registry
- Biostatistics

ICMR-National Institute of Occupational Health, Ahmedabad

ICMR- NIOH, AHMEDABAD

Medical Research

- Environmental stressess/ factors at Workplace
- Occupational Health

ICMR-Bhopal Memorial Hospital & Research Centre, Bhopal

ICMR-BMHRC, BHOPAL

Medical Research

- Clinical Research
- Epidemiological Research

ICMR-Regional Medical Research Centre, Bhubaneswar

ICMR-RMRC, BHUBANESWAR

Medical Research

- Lymphatics filariais
- Malaria
- Diarrhoeal disorders
- Tuberculosis
- HIV/AIDS
- Haemoglobinopathies
- Hypertension
- Diabetes
- Tribal Health

ICMR-National Institute for Research in Tuberculosis, Chennai

ICMR-NIRT, CHENNAI

Medical Research

- Tuberculosis

ICMR-National Institute of Child Health and Development Research, New Delhi

ICMR-NICHDR, NEW DELHI

Medical Research

- Tumor Biology
- Infectious Diseases
- Environmental Toxicology
- Adult Stem Cell Biology

ICMR-National Institute of Malaria Research, New Delhi

ICMR- NIMR, NEW DELHI

Medical Research

- Malaria Eradication: Basic, applied and operational field research

ICMR-Regional Medical Research Centre, Gorakhpur

ICMR-RMRC, GORAKHPUR

Medical Research

- Acute Encephalitis Syndrome (AES)
- HIV
- Multi drug resistant (MDR) Tuberculosis
- Vector borne diseases like JE, Dengue, and filariasis
- Juvenile diabetes and myocarditis
- Child and maternal health

ICMR-National Institute of Nutrition, Hyderabad

ICMR-NIN, HYDERABAD

Medical Research

- Eliminiation of Malnutrition

ICMR-National Institute for Implementation Research on Non Communicable Diseases, Jodhpur

ICMR-NIIRNCD, JODHPUR

Medical Research

- Cardiovascular diseases
- Chronic respiratory diseases
- Environmental health
- Nutritional disorders
- Cancers
- Injury & trauma
- Mental illnesses including substance abuse
- Genetic diseases

ICMR-National Institute for Research in Bacterial Infections, Kolkata

ICMR-NIRBI, KOLKATA

Medical Research

- Bacteriology
- Clinical Medicine
- Electron Microscopy
- Epidemiology
- Immunology
- Parasitology
- Pathophysiology
- Virology

ICMR-National Institute of Cancer Prevention and Research, Noida

ICMR- NICPR, NOIDA

Medical Research

- Cancer: Uterine Cervix, Breast and Oral cavity

ICMR-Regional Medical Research Centre, Sri Vijaya Puram

ICMR-RMRC, SRI VIJAYA PURAM

Medical Research

- Leptospirosis
- Virology
- Diarrhoeal Diseases
- Microbiology & Bioinformatics
- Molecular Medical Microbiology
- Epidemiology and Community
- Entomology/Vector Borne Diseases
- Clinical Biochemistry
- Mycobacterium

ICMR-National Institute of Translational Virology and AIDS Research, Pune

ICMR-NITVAR, PUNE

Medical Research

- HIV/AIDS

4 Institutes of DST

DST-The Centre for Nano and Soft Matter Sciences, Bengaluru

DST-CENS, BENGALURU

Physical Sciences

- Synthesis and characterization nanomaterials
- Device applications utilizing nanomatrials
- Liquid crystals
- Hybrid materials

DST-Institute of Advanced Study in Science and Technology, Guwahati

DST-IASST, GUWAHATI

Physical Sciences
Biological Sciences

- Basic and Applied Plasma Physics
- Advanced Material Sciences
- Traditional and Modern Drug Discovery
- -and Disease Diagnosis
- Biodiversity and Ecosystem Research"

DST - Wadia Institute of Himalayan Geology, Dehradun

DST-WIHG, DEHRADUN

Physical Sciences

- Earth and Environmental sciences
- -including Geophysics

DST-Indian Institute of Astrophysics, Bengaluru

DST-IIA, BENGALURU

Physical Sciences

- Sun and Solar System
- Stars and Galaxies
- Cosmology and High-Energy Astrophysics
- Instrumentation and Data Analysis

3 Institutes of different Ministries and 1 Institute of Govt. of U.P.

MoEFCC - Wildlife Institute of India, Dehradun

भारतीय वन्यजीव संस्थान
Wildlife Institute of India

MoEFCC-WII, DEHRADUN

Biological Sciences

- Wildlife Science
- Biological Sciences

MoES, Indian Institute of Tropical Meteorology, Pune

MoES-IITM, PUNE

Physical Sciences

- Climate modelling,
- Climate change projections,
- Climate variability and Climate dynamics,
- Extended range and Seasonal forecasts,
- Physics and dynamics of tropical clouds,
- Boundary layer turbulence,
- Aerosol-cloud-precipitation interaction,
- Air pollution monitoring,
- Modelling and prediction,
- Satellite and radar meteorology
- Paleoclimatology.

MoHFW-National Institute of Biologicals, Noida

MoHFW-NIB, Noida

Biological Sciences

- Mechanisms of Quality Evaluation and Development of Biologicals
- Development of National Reference Standards

Centre of Biomedical Research, Lucknow

सीबीएमआर
CBMR

CBMR, LUCKNOW

An autonomous body of the Govt. of U.P.

Biological Sciences

- Molecular Synthesis & Drug Discovery
- NMR & Metabolomics
- Functional MRI

4 Non-Govt. Institutes

Tata Insitute of Genetics & Society, Bengaluru

TIGS, BENGALURU

Biological Sciences

- Infectious diseases -(including antimicrobial resistance, vector biology, and surveillance)
- Rare genetic disorders (including diagnostics -and therapeutics)
- Crop improvement

PHFI - Indian Institute of Public Health, Delhi

PHFI-IIPH, DELHI

Biological Sciences

- Nutrition
- Bio-Statistics
- Health Information System

PHFI - Indian Institute of Public Health, Hyderabad

PHFI-IIPH, Hyderabad

Biological Sciences

- Health Informatics

Max Society of Medical Academics Innovation and Research (MAX-SMAIR), Gurugram

MAX-SMAIR, GURUGRAM

Biological Sciences

- NCDs
- Infectious Diseases
- Oncology
- Molecular Diagnostics
- Clinical Research

AcSIR Global Academic Partnerships

At AcSIR, we believe learning knows no boundaries. By partnering with leading international universities, we open a world of opportunities for our students—exposing them to new cultures, cutting-edge research environments, and global perspectives. These partnerships are designed to inspire curiosity, spark innovation, and help students grow into confident researchers and leaders ready to make an impact across the world.

Joint PhD Degree (Cotutelle) Program

The AcSIR Joint PhD (Cotutelle) Program offers its PhD students the opportunity to earn a doctoral degree jointly awarded by AcSIR and a leading international partner university. This unique model combines world-class mentorship, diverse research environments, and access to advanced facilities, enriching the overall research experience.

By engaging across two institutions and cultures, students broaden their perspectives, strengthen their skills, and prepare to address global scientific challenges. More than a degree, the Joint PhD Program empowers students to create impact, build international networks, and step into meaningful careers in an interconnected world.

Joint PhD Program (Cotutelle Mode)

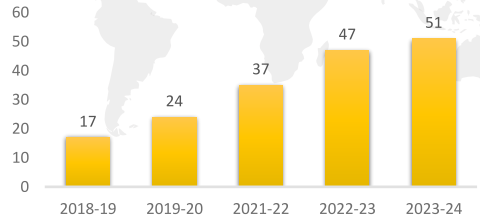
Features:

- Opportunities for international research collaboration
- Access to state-of-the-art research facilities at both the home and the host institutions
- Joint supervision by faculty from both institutions
- Award of Joint PhD degrees from both the institutions upon successful completion of the program

Funding Support:

- Monthly Stipend from the host institution for up to 12 months during the student's stay at the host institution
- Full tuition fee waiver by the host institution for the entire duration of the Joint PhD program
- Comprehensive health cover for up to 12 months and a relocation grant, including international return airfare and visa fees

- More than 200 students enrolled till date
- 60 Students awarded PhD
- 40 Students currently at host universities



AcSIR Joint Ph.D. program enrollment

AcSIR Joint PhD Program (Cotutelle)

Our Global Academic Partners:

From India to the world—building knowledge without borders

University of Melbourne, Australia

Ranked No. 1 in Australia and 19th worldwide (QS 2025), the University of Melbourne is a leader in research and innovation. AcSIR formalized its partnership on March 3, 2025, to launch a Joint PhD Program, enabling students to access world-class research environments and collaborate with some of the brightest minds in diverse disciplines.

RMIT University, Melbourne, Australia

Established in 1887, RMIT is a global university of technology, design, and enterprise, known for its innovation and industry connections. AcSIR's Joint PhD Program with RMIT began in 2017 and was renewed in 2022 for another five years, offering students opportunities to engage in impactful, applied research with international relevance.

Deakin University, Melbourne, Australia

Deakin University is renowned for its world-class teaching, strong industry focus, and leadership in digital learning. Since 2022, AcSIR and Deakin have partnered to offer Joint PhD opportunities in critical areas such as advanced manufacturing, energy, healthcare technologies, AI and cybersecurity, climate adaptation, agriculture, and future infrastructure empowering students to tackle global challenges through research.

University of Western Australia (UWA), Perth, Australia

Ranked 77th globally (QS 2025), UWA is one of Australia's leading research-intensive universities with strong global collaborations. The AcSIR–UWA Joint PhD Program, initiated in 2022, provides students with access to pioneering research, advanced facilities, and an inspiring academic community in one of the world's most livable cities.

University of Agder (UiA), Norway

A young and dynamic university located in southern Norway, UiA is known for its international outlook and vibrant research culture. On April 1, 2025, AcSIR and UiA signed an agreement to establish a Cotutelle Doctoral Program, giving students the chance to pursue globally relevant research in a collaborative and innovative academic setting.

University of Turku, Finland

The University of Turku (UTU) is one of Finland's leading multidisciplinary universities, fostering impactful international research and education. AcSIR and UTU signed an MoU in April 2024 to promote Joint Doctoral Programs, student exchanges, collaborative R&D, mentorship, and faculty exchange broadening opportunities for AcSIR students to learn and innovate globally.

National Institute of Advanced Industrial Science and Technology (AIST), Japan

AIST is one of the world's largest public research organizations, driving scientific and industrial innovation. AcSIR and AIST established their partnership in October 2024 to advance training in life sciences and biotechnology. The collaboration focuses on hands-on learning in cutting-edge cell culture techniques, organoid systems, and molecular studies of bioactive compounds—equipping students with skills at the frontiers of science.

AcSIR Online Admission Portal

- For Admission Process, an Applicant needs to follow two phases:

1. Sign-Up phase:
   - An applicant can Sign up for submitting online application to the session (i.e. January 2026) to a single program of study.
   - Once applicant successfully Sign-Up on AcSIR Online Admission Portal, applicant will receive auto email on their email-id with login credentials and link to be re-directed for further complete admission form fill-up process.

2. Online Application Form Phase:
   - On completion of AcSIR Online Application form, AcSIR Application Number (AAN) will be generated e.g. AcSIR12345. This AAN shall be used in future correspondence between applicant and AcSIR.
   - **Pay the application fee (Rs. 1000 for General/OBC/EWS and Rs. 500 for the SC/ST/PWD/Women candidates)**
   - Print Acknowledgement of Admission Receipt with AcSIR Application Number (AAN).

- Important dates of admission process and any other update or information will be flashed on Portal-Please check regularly.
- An applicant may apply for multiple programs based on interest and eligibility, however, for each Program of study, only one application is allowed for an applicant. If, at any time, it is found that more than one
- application is filled by a candidate then the candidature will be summarily rejected.
  Short-listed candidates will be intimated electronically and they will be required to appear for Test and/or Interview at the designated centres on the dates announced, based on which final selection would be made.

Number of seats available in each program at each Institute may vary.

Semester Fee Structure:

Sl. No.	Academic Program (For 2026 Cohort)	Regular/Semester in Rs.	Sponsored/Semester in Rs.
1	**PhD (Science)**	14000	28000
2	**PhD (Engineering)**	14000	28000
3	**PhD (Medical Research)**	14000	28000
4	**IDDP in Engineering**	14000	28000

Academic Requirements for different Academic Programs of Study

Academic Program	Minimum number of Credits		Minimum Residency Period	Period of Completion (Years)	
	Course Work*	Research/Project		Min	Max@
Faculty of Biological Sciences, Chemical Sciences, Physical Sciences, Mathematical & Information Sciences, and Engineering Sciences					
Ph.D - Science	18	Submission of thesis	Full time	3	6
Ph.D - Science (Industry Sponsored)	18	Submission of thesis	1 semester	3	6
PhD - Engineering	18	Submission of thesis	Full Time	3	6
PhD - Engineering) (Industry sponsored)	18	Submission of thesis	1 semester	3	6
IDDP#	70	Mini-project: 4; Project: 24; Submission of thesis	Full Time	2+3=5	2+6=8
IDDP# (Industry sponsored)	70	Mini-project: 4; Project: 24; Submission of thesis	2 semesters	2+3=5	2+6 =8
Faculty of Medical Research					
Ph.D – Medical Research	18	Submission of thesis	Full time	3	6
Faculty of Agricultural Sciences					
Ph.D - Science	25 + 8	Submission of thesis (75)	Full time	3	6

 # IDDP: Integrated Dual Degree Program in Engineering
@ The women candidates and persons with disability (more than 40%) may be allowed a relaxation of two years for Ph.D. in the maximum period of completion.
**Additionally, an audit course on "IPR Management" (1 credit) is mandatory.*

PhD students with 4-year UG degree will undertake an additional academic year comprising of Masters' Level coursework; and a mini-research project, the credit requirements for which will be notified in due course of time

To satisfy the "Minimum Residency" a student must undertake the academic program without any break; exceptions will be only made if the student is on authorized leave. The period of residency would be counted from the student's official joining date in his/her academic program of study.

For admission related queries please send mail to:
admissions@acsir.res.in

AcSIR

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