वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद
CSIR-INDIA

सीएसआईआर
CSIR
भारत का नवाचार इंजन
The Innovation Engine of India

CSIR
A Profile

November, 2026

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Council of Scientific and Industrial Research (CSIR)



Director General: Dr. N. Kalaiselvi, dg.csir@csir.res.in

Key Facts:

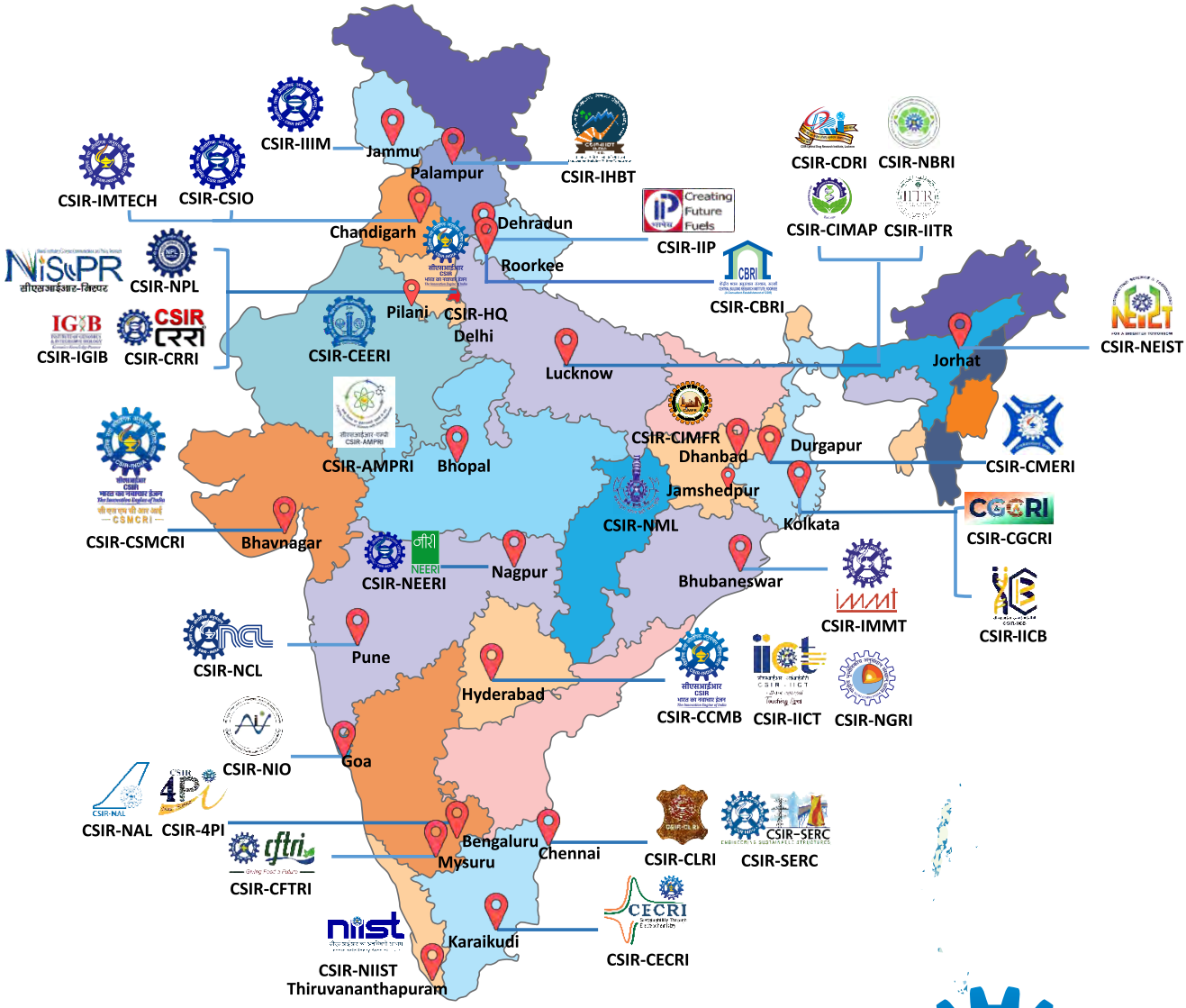
* Established as an autonomous body in September 1942.
* Headquartered at Anusandhan Bhawan, New Delhi; Pan India presence through a network of 37 National Laboratories.
* Addresses the needs of industrial research in the country.
* Known for excellence in R&D and S&T innovations.

CSIR Headquarters Directorates, Centres & Units

- Business Development Group (BDG)
- Central Planning Directorate (CPD)
- CSIR-Innovation Complex Mumbai (C-ICM)
- Director General's Executive Directorate (DGED)
- Human Resource Development Centre (HRDC)
- Human Resource Development Group (HRDG)
- Information Technology Division (ITD)
- Innovation Management Directorate (IMD)
- Innovation Protection Unit (IPU)
- International S&T Affairs Directorate (ISTAD)
- Recruitment & Assessment Board (RAB)
- Science Communication and Dissemination Directorate (SCDD)
- Technology Management Directorate (TMD)
- Traditional Knowledge Digital Library (TKDL)
- Unit for Research and Development of Information Products (URDIP)

Council of Scientific and Industrial Research (CSIR)
Anusanshan Bhawan, 2 Rafi Marg, New Delhi – 110001. India.
www.csir.res.in

CSIR Establishments



Council of Scientific and Industrial Research (CSIR)

Anusanshan Bhawan, 2 Rafi Marg, New Delhi – 110001, India.

https://www.csir.res.in/csir-laboratories



CSIR-Advanced Materials and Processes Research Institute (CSIR-AMPRI), Bhopal



Director: Dr. Thallada Bhaskar, director.ampri@csir.res.in

Key Facts:

* Established in 1981 as Regional Research Laboratory (RRL) with a focus on Metal Matrix Composites, Tribology and Natural Fiber Composites, later renamed to Advanced Materials and Processes Research Institute (AMPRI) in 2007.
* Focused on fundamentals to industrial research in the field of advanced materials and its processing technologies.

Highlights:

* Uniquely positioned engineering materials laboratory in the country with focused areas of materials engineering, materials chemistry and materials physics and various/suitable manufacturing processes.
* Developing innovative, cutting edge, internationally competitive, energy efficient, and environmentally friendly technologies/products.



Key Research Areas

- **Advanced Structural, Engineering Materials and Composites**
- **Functional Materials, Emerging materials, Nanomaterials, Graphene and 2D materials**
- **Additive manufacturing (Metals, Polymers, Functional materials, Biomaterials, and it nano, micro and bulk scale products)**
- **Sustainable building and construction materials**
- **Energy (storage and generation) materials and devices**
- **Waste to wealth – Utilisation strategies**
- **Societal application of technologies for rural and downtrodden population.**

CSIR- Advanced Materials and Processes Research Institute (CSIR-AMPRI), Bhopal
Narmadapuram Road, Bhopal-462026, Madhya Pradesh, India
https://ampri.res.in/



CSIR – Central Building Research Institute (CSIR-CBRI)



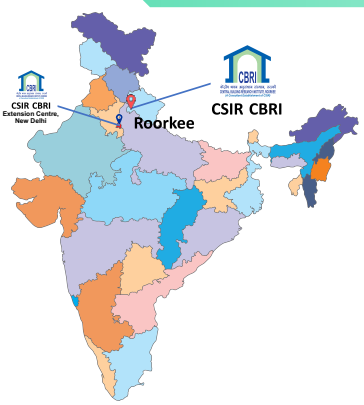
Director: Prof. Pradeep Kumar Ramancharla, director.cbri@csir.res.in

Key Facts:

* Established in 1947.
* Research in domains of building materials, health monitoring & rehabilitation of structures, disaster mitigation, rural and urban housing.

Highlights:

* R&D aimed towards construction sector and sustainable development in the built environment.
* Conducts multidisciplinary research in civil engineering, architecture, materials science, and environmental science.
* Advances state-of-the-art in building sciences and promotes inclusive and sustainable development.



Key Research Areas

- **Building Materials Research**
- **Structural Engineering**
- **Housing and Urban Development**
- **Energy-Efficient Buildings**
- **Disaster Mitigation and Management**
- **Heritage Conservation**

Main Office

Extension Centre

CSIR – Central Building Research Institute (CSIR - CBRI)

Roorkee – 247667, Uttrakhand, INDIA

https://cbri.res.in/



CSIR – Centre for Cellular and Molecular Biology (CSIR-CCMB)



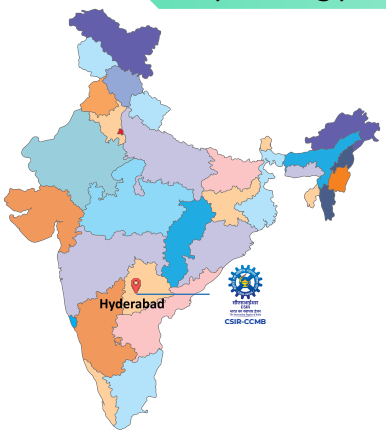
Director: Dr. Vinay K. Nandicoori, director.ccmb@csir.res.in

Key Facts:

* Established in 1977.
* The institute conducts exploratory research for advancements in healthcare, agriculture, and biotechnology.

Highlights:

* Significant contributions in developing diagnostics and therapeutics and unraveling the complexities of genetic diversity in Indian populations.
* Houses state-of-the-art facilities, advanced laboratories, high-throughput sequencing platforms, imaging facilities, and bioinformatics resources.



Key Research Areas

- Developmental Biology
- Molecular Biology
- Genomics and Genetics
- Biotechnology
- Structural Biology
- Cell Biology
- Disease Biology
- Bioinformatics and Computational Biology

CSIR-Centre for Cellular & Molecular Biology (CSIR-CCMB)

Habsiguda, Uppal Road, Hyderabad - 500 007, Telangana, India.

https://www.ccmb.res.in



CSIR - Central Drug Research Institute (CSIR-CDRI)



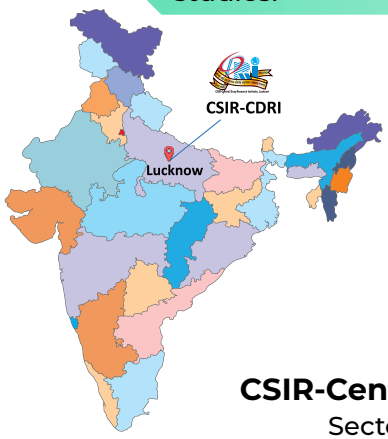
Director: Dr. Radha Rangarajan, director.cdri@csir.res.in

Key Facts:

* Established in 1951.
* Basic and translational research in disease areas of national relevance.

Highlights:

* Contributions to drug discovery and development, with several drugs reaching clinical trials and commercialization stages.
* State-of-the-art technologies and infrastructure for biological screening, medicinal chemistry, structural biology, pharmacokinetics/ pharmacodynamics & toxicity studies.



Key Research Areas

- Infectious diseases
- Cancer and metabolic diseases
- Neurological disorders
- Bone and musculoskeletal disorders
- Reproductive health
- Medicinal and natural products chemistry
- Pharmaceutics
- Pharmacology

CSIR-Central Drug Research Institute (CSIR-CDRI)
Sector 10, Jankipuram Extension, Sitapur Road,
Lucknow 226031, Uttar Pradesh, India.
https://cdri.res.in/



CSIR- Central Electrochemical Research Institute (CSIR-CECRI)



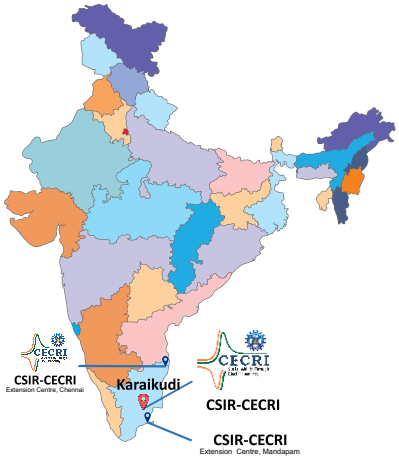
Director: Dr. K. Ramesha, director.cecri@csir.res.in

Key Facts:

* Established in 1948.
* The largest research establishment for electrochemistry in South Asia.
* The institute works in the field of electrochemistry and materials science research.

Highlights:

* Contributions in the development of advanced battery technologies, such as lithium-ion batteries and sodium-ion batteries.
* Addresses the growing demand for efficient and sustainable energy storage solutions.



Key Research Areas

- Energy Storage and Conversion
- Electrochemical Sensors and Biosensors
- Corrosion Science and Engineering
- Functional Materials
- Electrochemical Synthesis
- Environmental Electrochemistry
- Advanced Analytical Techniques

CSIR-Central Electrochemical Research Institute (CSIR-CECRI)

Main Office

Extension Centre

Karaikudi – 630003, Tamil Nadu, India.

https://www.cecri.res.in



CSIR- Central Electronics Engineering Research Institute (CSIR-CEERI)



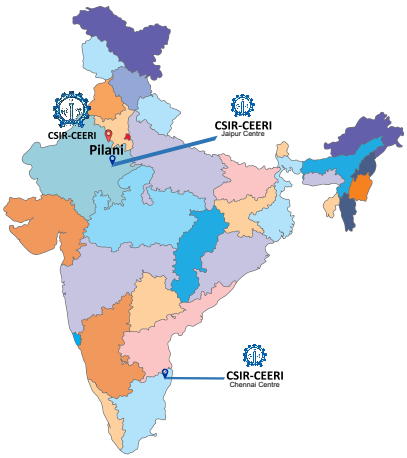
Director: Prof. Shantanu Bhattacharya, director.ceeri@csir.res.in

Key Facts:

* Established in 1953.
* The institute specializes in cutting-edge research and development in the field of electronics and allied disciplines.

Highlights:

* Contributions to the development of electronic devices and systems for applications in telecommunications, healthcare, agriculture, defense, and environmental monitoring.



Key Research Areas

- Semiconductor Devices and Materials
- Integrated Circuits (ICs) and System-on-Chip (SoC) Design
- Microwave and RF Engineering
- Optoelectronics and Photonics
- Sensor Technologies
- Signal Processing and Data Analytics
- Power Electronics and Renewable Energy Systems

CSIR-Central Electronics Engineering Research Institute (CSIR-CEERI)

Main Office

Centre

Pilani – 333031, Rajasthan, India.

https://www.ceeri.res.in



CSIR- Central Food Technological Research Institute (CSIR-CFTRI)



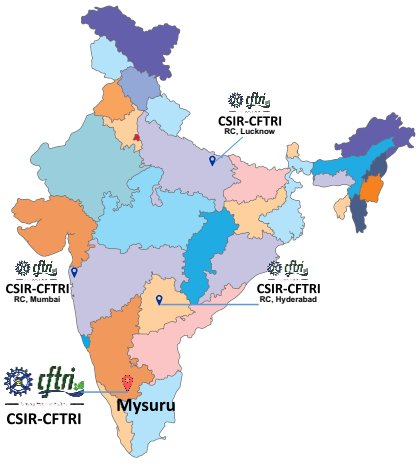
Director: Dr. Giridhar Parvatam, director.cftri@csir.res.in

Key Facts:

* Established in 1950.
* Dedicated to research and development in the field of food science and technology, with a focus on improving food processing, preservation, and nutrition.

Highlights:

* Contributes to enhancing the safety, quality, and nutritional value of food products, thereby promoting public health and ensuring food security in India and beyond.



Key Research Areas

- Food Processing and Preservation
- Food Chemistry and Biochemistry
- Food Microbiology and Safety
- Food Biotechnology and Fermentation
- Sensory Science and Consumer Research
- Nutrition and Functional Foods
- Food Engineering and Packaging

CSIR-Central Food Technological Research Institute (CSIR-CFTRI)

Main Office

Mysuru - 570020, Karnataka, India.

Resource Centre

https://cftri.res.in



CSIR - Central Glass & Ceramic Research Institute (CSIR–CGCRI)



Director: Dr. Ramanuj Narayan, director.cgcri@csir.res.in

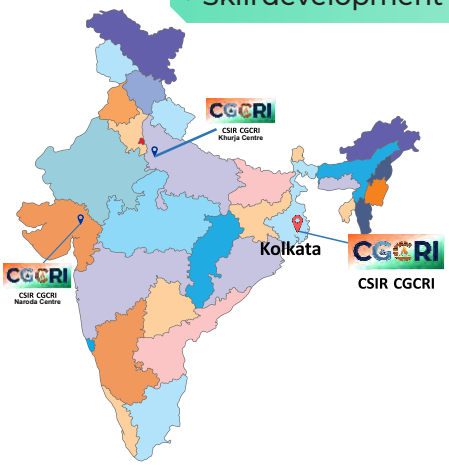
Key Facts:

* Established in 1950.
* The only national lab with core competence in ceramics and glass for traditional to technologically challenging applications.

Highlights:

Contribution in -

* Advanced ceramics and glass for strategic sector.
* Green energy technologies.
* Ceramic membranes for water filtration.
* Fiber lasers and sensors.
* Skill development in potteries, tiles, clay products.



Key Research Areas

- Advanced Ceramics & Composites
- Biomaterials & Medical Devices
- Energy Materials & Devices
- Fibre Optics & Photonics
- Multiscale Microstructure & Mechanics of Materials
- Functional Materials & Devices
- Membrane & Separation Technology
- Refractory & Traditional Ceramics
- Specialty Glass

CSIR-Central Glass and Ceramic Research Institute (CSIR-CGCRI)

Main Office 196, Raja S.C. Mullick Road, Kolkata – 700 032, West Bengal, India

Centre https://www.cgcri.res.in



CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP)



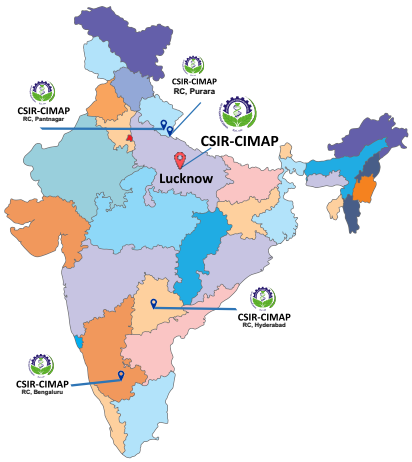
Director: Dr. Prabodh Kumar Trivedi, director.cimap@csir.res.in

Key Facts:

* Established in 1959.
* The institute is dedicated to the study and development of medicinal and aromatic plants.

Highlights:

* Applications in traditional medicine, pharmaceuticals, nutraceuticals, cosmeceuticals, and agrochemicals.



Key Research Areas

- Plant Breeding and Cultivation
- Phytochemistry and Natural Product Chemistry
- Pharmacology and Therapeutic Evaluation
- Herbal Formulations and Product Development
- Biotechnology and Molecular Biology
- Conservation and Sustainable Utilization
- Agrochemicals and Plant Protection

CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP)

Lucknow-226015, Uttar Pradesh, India

https://cimap.res.in

Main Office

Research Centre



CSIR-Central Institute of Mining and Fuel Research (CSIR-CIMFR)



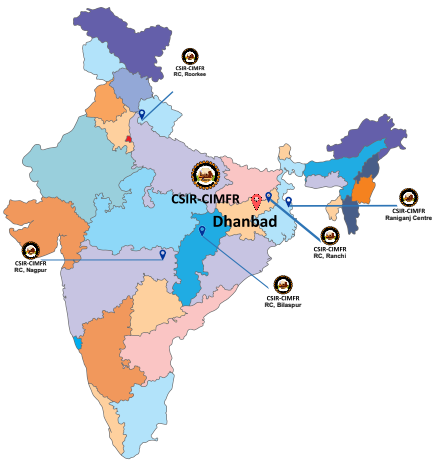
Director: Prof. Arvind Kumar Mishra, director.cimfr@csir.res.in

Key Facts:

* Established in 2007 after merging of CFRI (1946) and CMRI (1956).
* Specializes in the field of mining technologies, mineral processing & fuel sciences.

Highlights:

* The institute is dedicated to addressing the technological challenges faced by the mining industry and promoting innovation in mining practices and technologies.
* The institute contributes to the sustainable development of the mining industry, ensuring efficient resource utilization, environmental protection, and socio-economic development in mining regions.



Key Research Areas

- Coal and Mineral Exploration
- Mine Planning and Design
- Explosives and Rock Blasting Techniques
- Coal Beneficiation and Utilization
- Environmental Impact Assessment
- Mine Safety and Disaster Management
- Clean Coal Technologies

CSIR-Central Institute of Mining and Fuel Research (CSIR-CIMFR)

Barwa Road, Dhanbad - 826001, Jharkhand, India

https://cimfr.res.in

Main Office

Research Centre/Regional Centre



CSIR-Central Leather Research Institute (CSIR-CLRI)



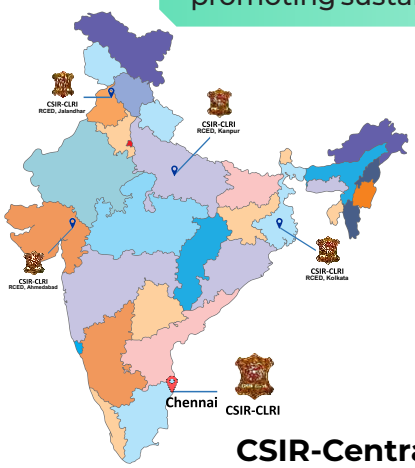
Director: Dr. P. Thanikaivelan, director.clri@csir.res.in

Key Facts:

* Established in 1948.
* Specialises in the R&D and education at UG/PG levels in leather, footwear and environmental management of tanneries.

Highlights:

* Leather products and footwear.
* The institute is dedicated for improving the quality, durability, and sustainability of leather products while minimizing environmental impact.
* Contributes significantly to the growth and modernization of the leather industry, ensuring the competitiveness of Indian leather products in global markets, and promoting sustainable practices for the leather sector.



Key Research Areas

- **Leather Processing Technology**
- **Biotechnology and Enzyme Applications**
- **Footwear and product design, and fashion forecasting**
- **Leather Quality Assessment and Testing**
- **Leather Waste Utilization and Pollution Control**
- **Policy framework for sustainable leather industries**

CSIR-Central Leather Research Institute (CSIR-CLRI)

Sardar Patel Road, Adyar, Chennai – 600020, Tamil Nadu, India

https://www.clri.org/

Main Office

Regional Center for Extension and Development



CSIR-Central Mechanical Engineering Research Institute (CSIR-CMERI)



Director: Dr. N.C. Murmu , director.cmeri@csir.res.in

Key Facts:

* Established in 1958.
* R&D in the field of mechanical engineering sciences and technologies.

Highlights:

* Contributes in development of cost effective and value added technologies in mechanical engineering and allied domains.
* The institute plays a crucial role in driving technological innovation, fostering industrial competitiveness, and contributing to the economic development and sustainable growth of India.



Key Research Areas

- Renewable Energy Technologies
- Advanced Manufacturing Technologies
- Robotics and Automation
- Sustainable Infrastructure Development
- Agricultural Engineering
- Automotive Engineering
- Materials Science and Engineering

CSIR-Central Mechanical Engineering Research Institute (CSIR-CMERI)

Main Office M. G. Avenue, Durgapur – 713209, West Bengal, India

Centre of Excellence for Farm Machinery https://www.cmeri.res.in



CSIR - Central Road Research Institute (CSIR-CRRI)



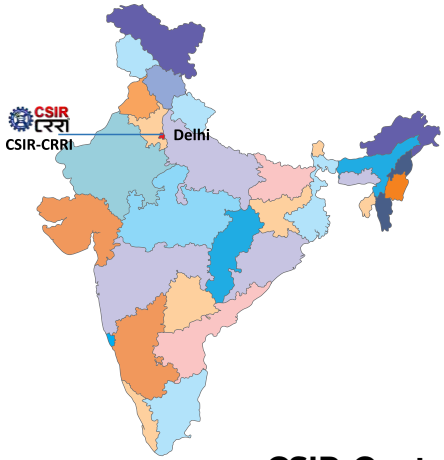
Director: Dr. Chalumuri Ravi Sekhar, director.crri@csir.res.in

Key Facts:

* Established in 1952.
* Research activities encompass various aspects of road engineering, transportation planning, traffic management, and road safety.

Highlights:

* Dedicated to improve design, construction, maintenance, and management of roads, highways, and transportation systems to enhance mobility, safety, and sustainability.
* The institute plays a pivotal role in shaping policies, standards, and practices for road infrastructure development and transportation planning in India.



Key Research Areas

- **Bridge Engineering and Structures**
- **Geotechnical Engineering**
- **Flexible Pavements**
- **Pavement Evaluation**
- **Rigid Pavements**
- **Traffic Engineering and Safety**
- **Transportation Planning and Environment Division**

CSIR-Central Road Research Institute (CSIR-CRRI)
Mathura Road, New Delhi – 110025, India
https://crridom.gov.in



CSIR - Central Scientific Instruments Organisation (CSIR-CSIO)



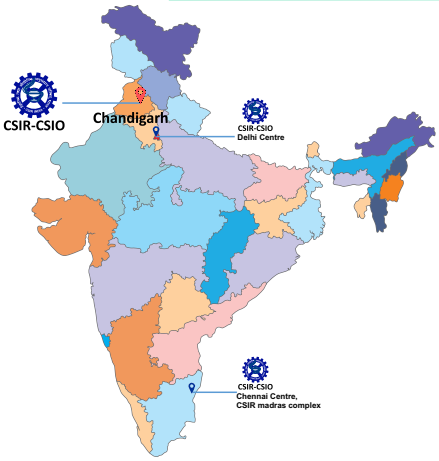
Director: Prof. Shantanu Bhattacharya, director.csio@csir.res.in

Key Facts:

* Established in 1959.
* The institute is dedicated to the development of scientific instruments and technologies.

Highlights:

* The institute focuses on designing, developing, and commercializing advanced scientific instruments and systems.
* The instate contributes in advancing scientific knowledge, fostering technological innovation, and supporting industrial competitiveness in India.



Key Research Areas

- **Optics and Photonics**
- **Electronic Instrumentation**
- **Biomedical Instrumentation**
- **Sensors and Transducers**
- **Imaging and Vision Systems**
- **Instrumentation for Space and Defense**

Main Office
Centre

CSIR-Central Scientific Instruments Organisation (CSIR-CSIO)
Sector 30, Chandigarh -160030, India
https://www.csio.res.in



CSIR - Central Salt & Marine Chemicals Research Institute (CSIR-CSMCRI)



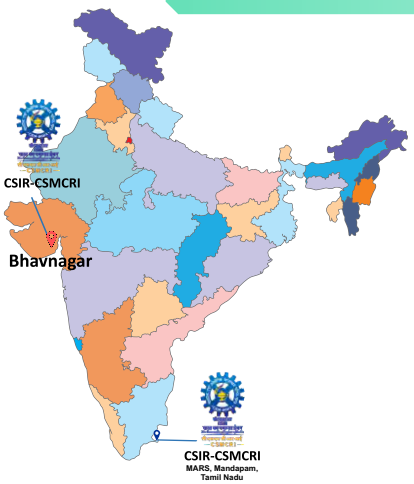
Director: Dr. Arup Ghosh, director.csmcri@csir.res.in

Key Facts:

* Established in 1954.
* Specializes in the advancement of knowledge, technology, and sustainable practices in salt and marine chemical industries, membranes and agro input industries.

Highlights:

* The institute focuses on addressing challenges related to salt production, utilization of marine resources, and sustainable development of coastal ecosystems.
* Fosters sustainable economic growth, water security, livelihood improvement and environmental stewardship in coastal regions of India and beyond.



Key Research Areas

- Salt and Marine Chemicals
- Seaweeds, Microalgae & Halophytes
- Marine Biology and Biotechnology
- Membranes: Desalination, Water Treatment & Energy Applications
- Marine Natural Products, Organic Chemicals & Biopolymers
- Critical Elements from Marine Resources
- Marine Environmental Science & Engineering
- Sustainable Coastal Development
- Renewable Energy from Marine Resources

CSIR-Central Salt and Marine Chemicals Research Institute (CSIR-CSMCRI)

Main Office Gijubhai Badheka Marg, Bhavnagar - 364002, Gujarat, India

Marine Algal Research Station https://www.csmcri.res.in



CSIR - Institute of Genomics and Integrative Biology (CSIR-IGIB)



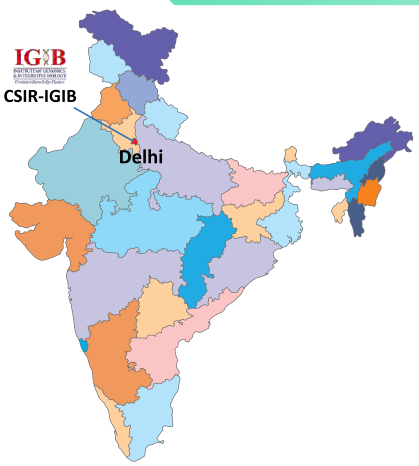
Director: Dr. Souvik Maiti, director.igib@csir.res.in

Key Facts:

* Established in 1977.
* The institute is at the forefront of genomic research in India.
* Dedicated to genomic research and its integration with other disciplines such as computational biology, bioinformatics, and molecular medicine.

Highlights:

* Strives to unravel the complexities of the genome and its interactions with the environment.



Key Research Areas

- Human Genetics and Disease Genomics
- Functional Genomics and Transcriptomics
- Proteomics and Metabolomics
- Microbial Genomics and Microbiome Studies
- Systems Biology and Computational Biology
- Biomedical Informatics and Data Science
- Precision Medicine and Personalized Healthcare

CSIR-Institute of Genomics and Integrative Biology (CSIR-IGIB)
South Campus, Mathura Road, New Delhi – 110025, India
https://www.igib.res.in



CSIR - Institute of Himalayan Bioresource Technology (CSIR-IHBT)



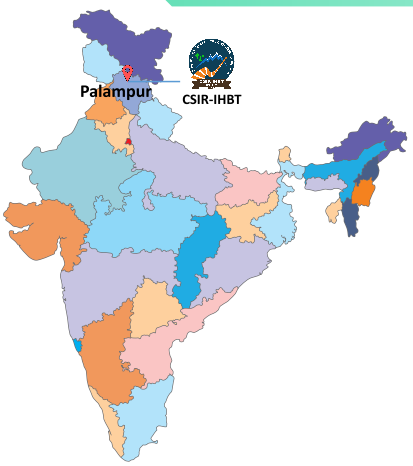
Director: Dr. Sudesh Kumar Yadav, director.ihbt@csir.res.in

Key Facts:

* Established in 1983.
* Dedicated to research and development in the field of Himalayan bioresources.

Highlights:

* The research efforts encompass various aspects of bioresource utilization, conservation, and value addition.
* Develops technologies and products that contribute to agricultural productivity, healthcare, nutrition, and environmental sustainability in the Himalayan region and beyond.



Key Research Areas

- **Medicinal and Aromatic Plants (MAPs)**
- **Plant Biotechnology and Molecular Biology**
- **Natural Product Chemistry**
- **Agroforestry and Soil Conservation**
- **Microbial Biotechnology**
- **High-Altitude Crop Cultivation**
- **Bioresource Valorization and Entrepreneurship**

CSIR - Institute of Himalayan Bioresource Technology (CSIR-IHBT)
Palampur - 176061 Himachal Pradesh, India
https://www.ihbt.res.in



CSIR - Indian Institute of Chemical Biology (CSIR-IICB)



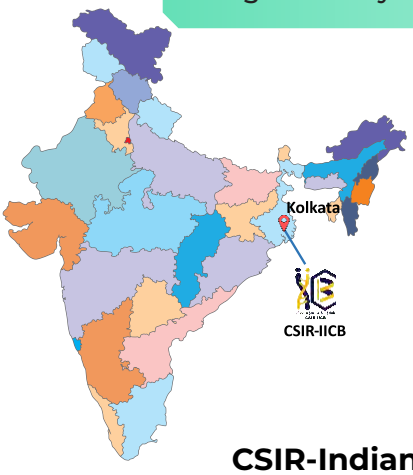
Director: Prof. Vibha Tandon, director.iicb@csir.res.in

Key Facts:

* Established in 1935, included within the aegis of CSIR in 1956.
* Dedicated to interdisciplinary research in chemical biology and molecular medicine.

Highlights:

* Research focuses on understanding the molecular mechanisms underlying various biological processes and diseases. Aims to develop novel therapeutic strategies and diagnostics.
* Contributes to advance knowledge in chemical biology, molecular medicine, and drug discovery.



Key Research Areas

- Drug Discovery and Development
- Structural Biology and Biophysics
- Molecular Genetics and Genomics
- Cell Biology and Signaling Pathways
- Immunology and Host-Pathogen Interactions
- Neurobiology and Neurodegenerative Diseases
- Cancer Biology and Oncology

CSIR-Indian Institute of Chemical Biology (CSIR-IICB)
4, Raja S. C. Mullick Road, Kolkata - 700032, West Bengal, India
https://www.iicb.res.in



CSIR - Indian Institute of Chemical Technology (CSIR-IICT)



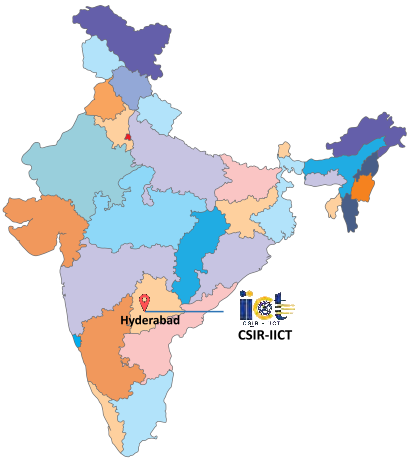
Director: Dr. D. Srinivasa Reddy, director.iict@csir.res.in

Key Facts:

* Established in 1944.
* Dedicated to chemical research and development.

Highlights:

* Contributions in pharmaceuticals, agrochemicals, fine chemicals, petrochemicals, and renewable energy sectors.
* Advances scientific knowledge, fostering innovation, and supporting industrial growth in the field of chemical sciences.



Key Research Areas

- Organic Chemistry
- Catalysis and Chemical Engineering
- Drug Discovery and Development
- Materials Chemistry
- Process Intensification and Green Chemistry
- Agrochemicals and Crop Protection
- Renewable Energy and Sustainable Technologies

CSIR-Indian Institute of Chemical Technology (CSIR-IICT)
Tarnaka, Hyderabad – 500007, Telangana, India
https://www.iict.res.in



CSIR - Indian Institute of Integrative Medicine (CSIR-IIIM)



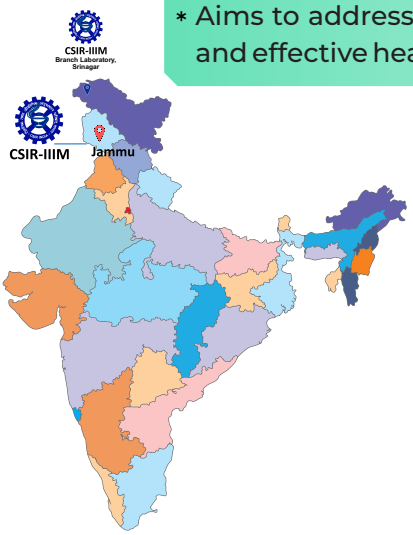
Director: Dr. Zabeer Ahmed, director.iiim@csir.res.in

Key Facts:

* Established in 1941, included within the aegis of CSIR in 1957.
* Dedicated to interdisciplinary research in the fields of natural products chemistry, medicinal chemistry, and drug discovery.

Highlights:

* Conducts research in areas such as phytochemistry, synthetic chemistry, pharmacology, biotechnology, and computational biology.
* Aims to address unmet medical needs, foster innovation, and develop affordable and effective healthcare for society.



Key Research Areas

- Natural Products Chemistry
- Medicinal Chemistry and Drug Discovery
- Pharmacology and Drug Development
- Bioinformatics and Computational Drug Design
- Natural Product-Based Therapeutics
- Phytopharmaceuticals and Herbal Medicines
- Biotechnology and Bioprocessing

Main Office
Branch Laboratory

CSIR- Indian Institute of Integrative Medicine (CSIR-IIIM)
Canal Road, Jammu-Tawi-180001, Jammu & Kashmir, India
https://iiim.res.in



CSIR - Indian Institute of Petroleum (CSIR-IIP)



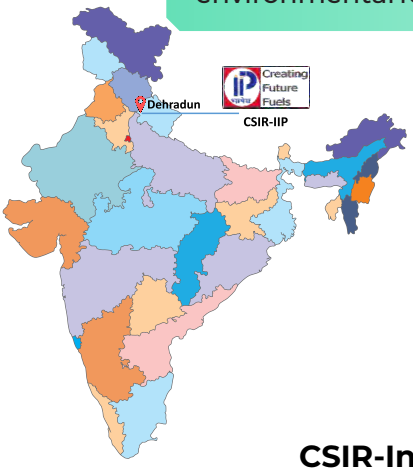
Director: Dr. Harender Singh Bisht, director.iip@csir.res.in

Key Facts:

* Established in 1960.
* Dedicated to petroleum research, technology development, and related innovations.

Highlights:

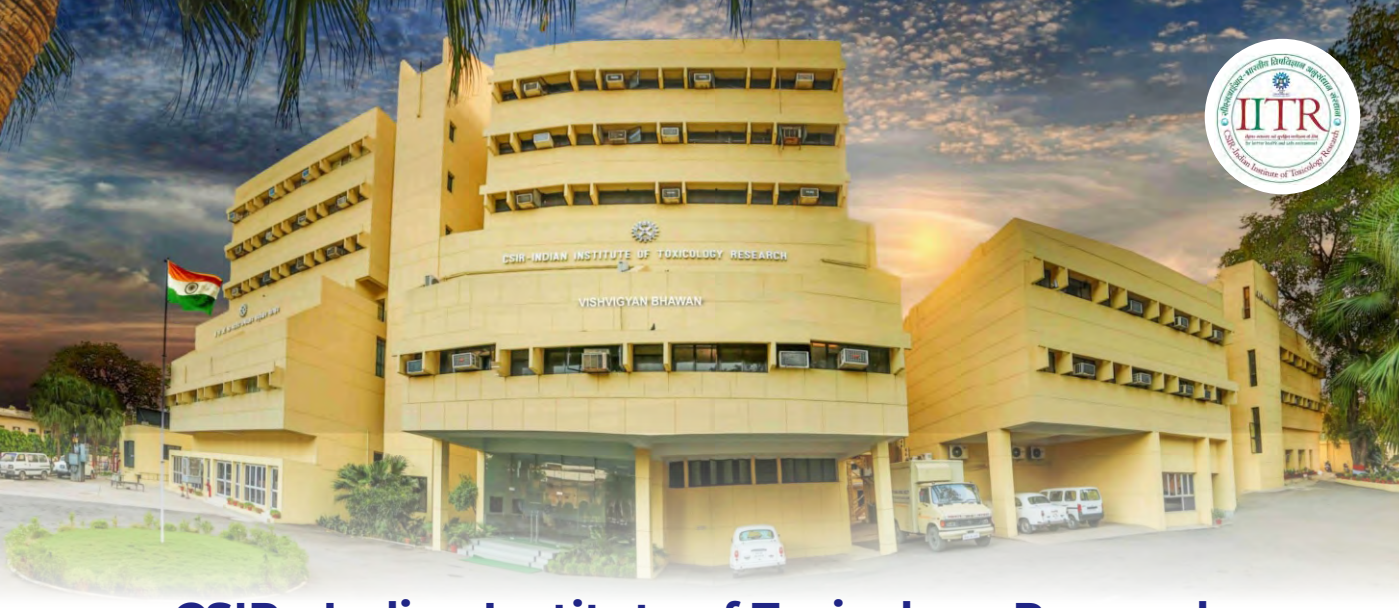
* Focuses to address the challenges faced by the petroleum industry and contribute to its sustainable growth and development.
* Aims to enhance the competitiveness of the Indian petroleum industry, reduce its environmental footprint, and promote sustainable development.



Key Research Areas

- **Refining Technology**
- **Petrochemicals and Downstream Processing**
- **Biofuels and Alternative Energy**
- **Catalysis and Catalyst Development**
- **Environmental Protection and Pollution Control**
- **Process Optimization and Modeling**
- **Advanced Materials and Nanotechnology**

CSIR-Indian Institute of Petroleum (CSIR-IIP)
Mohkampur, Dehradun, 248005, Uttarakhand, India
https://www.iip.res.in



CSIR - Indian Institute of Toxicology Research (CSIR-IITR)



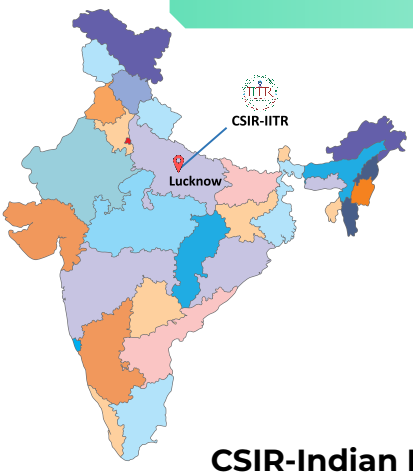
Director: Dr. Bhaskar Narayan, director.iitr@csir.res.in

Key Facts:

* Established in 1965.
* Dedicated to toxicology research and endeavours to mitigate problems of human health and environment.

Highlights:

* Research focus on understanding the adverse effects of chemicals and environmental pollutants on human health and the environment.
* Aims to provide scientific evidence for regulatory decision-making, protect public health and the environment from toxic hazards, and promote the development of safer chemicals and products.



Key Research Areas

- Molecular Toxicology
- Environmental Toxicology
- Computational Toxicology
- Toxicogenomics and Biomarkers
- Risk Assessment and Regulatory Toxicology
- Alternative Methods to Animal Testing

CSIR-Indian Institute of Toxicology Research (CSIR-IITR)
31, Mahatma Gandhi Marg, Lucknow - 226001, Uttar Pradesh, India
https://iitr.res.in



CSIR - Institute of Minerals and Materials Technology (CSIR-IMMT)



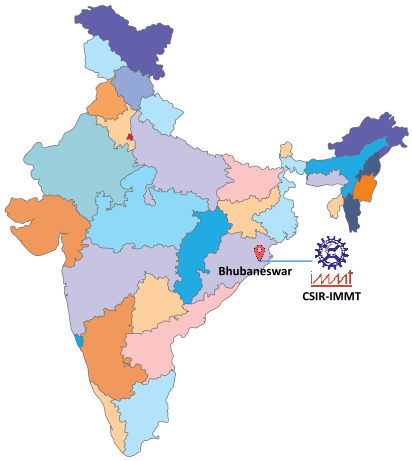
Director: Dr. Ramanuj Narayan, director.immt@csir.res.in

Key Facts:

* Established in 1964.
* Dedicated to research and development in the field of minerals, materials, and metallurgy.

Highlights:

* Addresses the S&T challenges faced by the minerals and materials industries and develop innovative solutions to enhance their competitiveness and sustainability.
* Aims to contribute to the advancement of knowledge, technology, and sustainable practices in the minerals and materials sectors.



Key Research Areas

- Mineral Processing and Beneficiation
- Extractive Metallurgy and Metal Extraction
- Materials Synthesis and Characterization
- Surface Engineering and Corrosion Protection
- Biomaterials and Biomedical Applications
- Nanomaterials and Nanotechnology
- Environmental Remediation and Waste Utilization

CSIR-Institute of Minerals and Materials Technology (CSIR-IMMT)
Bhubaneswar - 751013, Odisha, India
https://www.immt.res.in



CSIR-Institute of Microbial Technology (CSIR-IMTech)



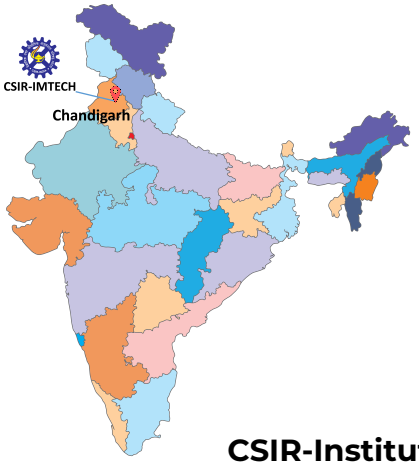
Director: Dr Alka Rao, director.imtech@csir.res.in

Key Facts:

* Established in 1984.
* Dedicated to microbial biotechnology research and innovation.

Highlights:

* Focuses on harnessing the potential of microorganisms for applications in healthcare, agriculture, environment, and industry.
* Aims to advance scientific knowledge, foster innovation, translate research findings into practical applications for societal benefit and contribute to the development of a knowledge-based bioeconomy.



Key Research Areas

- Microbial Genetics and Molecular Biology
- Genomics and Functional Genomics
- Enzyme Technology and Biocatalysis
- Fermentation Technology and Bioprocessing
- Bioinformatics and Computational Biology
- Microbial Biotechnology for Healthcare and Agriculture
- Antimicrobial Resistance and Infectious Diseases

CSIR-Institute of Microbial Technology (CSIR-IMTech)
Sector 39A, Chandigarh – 160036, India
https://www.imtech.res.in



CSIR-National Aerospace Laboratories (CSIR-NAL)



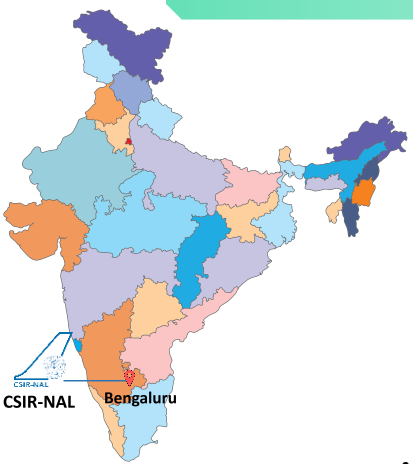
Director: Dr. Abhay Anant Pashilkar, director.nal@csir.res.in

Key Facts:

* Established in 1959.
* Primary focus in the design, development, and testing of aerospace technologies, contributing significantly to India's aerospace industry.

Highlights:

* R&D in aerospace science and technology, to meet technological needs of the aerospace industry and contribute to national development.
* Houses state-of-the-art facilities including wind tunnels, flight test facilities, and laboratories equipped for materials testing, structural analysis, and computational modeling.



Key Research Areas

- **Aircraft Design and Development**
- **Propulsion Systems**
- **Aerodynamics and Flight Dynamics**
- **Aerospace Materials and Structures**
- **Avionics and Control Systems**
- **Unmanned Aerial Vehicles (UAVs)**
- **Space Technology**

CSIR-National Aerospace Laboratories (CSIR-NAL)
HAL Airport Road, Bengaluru – 560017, Karnataka, India
https://www.nal.res.in



CSIR - National Botanical Research Institute (CSIR-NBRI)



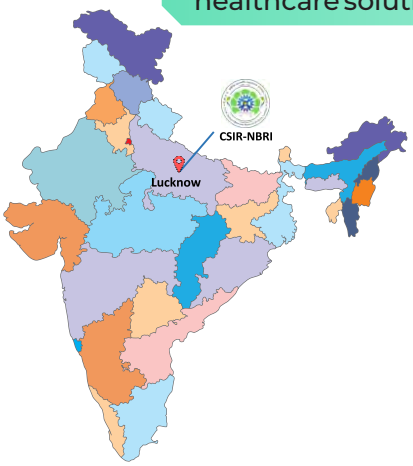
Director: Dr. Zabeer Ahmed, director.nbri@csir.res.in

Key Facts:

* Established in 1953.
* Dedicated to botanical research and plant sciences.

Highlights:

* Focuses on both basic and applied research to understand the fundamental aspects of plant life.
* Develops innovative solutions for agricultural, environmental, and industrial challenges.
* Aims to advance knowledge in plant sciences, promote biodiversity conservation, and contribute to the development of sustainable agricultural practices and herbal healthcare solutions.



Key Research Areas

- Plant Taxonomy and Systematics
- Plant Physiology & Biochemistry
- Plant Biotechnology and Genetic Engineering
- Medicinal Plants & Phytochemistry
- Biodiversity Conservation
- Phytoremediation and Environmental Biotechnology
- Plant-Microbe Interactions and Symbiosis
- Plant Ecology, Climate Change & Phytoremediation

CSIR-National Botanical Research Institute (CSIR-NBRI)
436, Rana Pratap Marg, Lucknow - 226001, Uttar Pradesh, India.
https://nbri.res.in



CSIR-National Chemical Laboratory (CSIR-NCL)



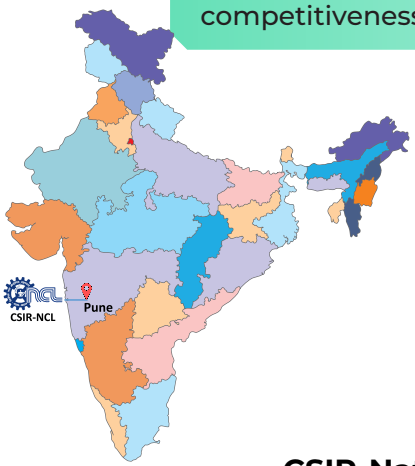
Director: Dr. Ashish Lele, director.ncl@csir.res.in

Key Facts:

* Established in 1950.
* Dedicated to research and development in the field of chemistry and chemical engineering.

Highlights:

* Research encompass areas of organic chemistry, inorganic chemistry, physical chemistry, catalysis, polymer science, materials science, chemical engineering & Biochemical Sciences.
* Core expertise/ facility: National Centre for Industrial Microorganisms.
* Aims to contribute to scientific excellence, technological innovation, and industrial competitiveness in India and globally.



Key Research Areas

- Organic Synthesis and Catalysis
- Materials Chemistry and Nanotechnology
- Polymer Science and Engineering
- Catalytic Processes and Chemical Engineering
- Sustainable Chemistry and Green Technologies
- Analytical Chemistry and Spectroscopy
- Drug Discovery and Medicinal Chemistry
- Biochemical Sciences

CSIR-National Chemical Laboratory (CSIR-NCL)
Dr. Homi Bhabha Road, Pune - 411008, Maharashtra, India.
https://www.ncl-india.org



CSIR - National Environmental Engineering Research Institute (CSIR-NEERI)



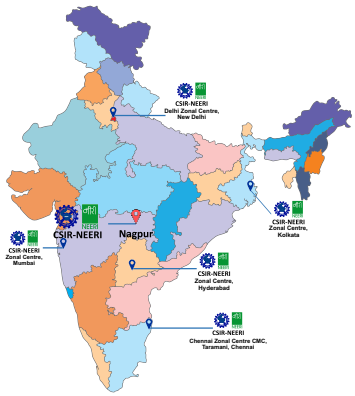
Director: Dr. S. Venkata Mohan, director.neeri@csir.res.in

Key Facts:

* Established in in 1958.
* Dedicated to environmental science and engineering research.

Highlights:

* Research encompass environmental issues, including air and water pollution, solid and hazardous waste management, environmental monitoring and assessment, environmental biotechnology, climate change, and sustainable development.
* Aims to advance knowledge in environmental science and engineering, provide scientific support for environmental policy-making.
* Contribute to the development of sustainable solutions for a cleaner and healthier environment.



Key Research Areas

- Air Pollution Control and Management
- Water Resource Management and Treatment
- Solid and Hazardous Waste Management
- Environmental Biotechnology and Microbial Remediation
- Environmental Impact Assessment and Risk Management
- Climate Change and Adaptation
- Environmental Policy and Regulation

CSIR-National Environmental Engineering Research Institute (CSIR-NEERI)

Main Office

Zonal Centre

Nehru Marg, Nagpur-440020, Maharashtra, India

https://www.neeri.res.in



CSIR-North East Institute of Science and Technology (CSIR-NEIST)



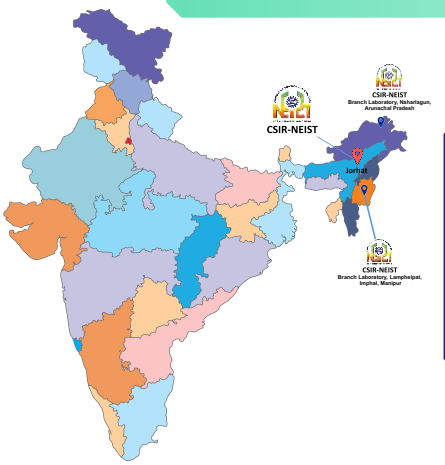
Director: Dr. V. M. Tiwari, director.neist@csir.res.in

Key Facts:

* Established in 1961.
* Dedicated to scientific research and technological development in the North Eastern Region (NER) of India.

Highlights:

* Research spans various disciplines including Chemical Sciences, Material Sciences, Geo & Environmental Sciences, Engineering Sciences, Biological Sciences, Environmental Sciences, Agricultural Sciences and Data Sciences.
* Aims to advance scientific knowledge, promote innovation, and contribute to the socioeconomic development of NER in particular and the country as a whole.



Key Research Areas

- Natural Products and Medicinal Chemistry
- Organic Synthesis and Catalysis
- Material Science and Nanotechnology
- Renewable Energy and Sustainable Development
- Biotechnology, Bioengineering and Infectious Diseases
- Genome Editing & Functional Genomics for Climate Resilient Crops
- Genetics and Breeding of Medicinal and Aromatic Plants
- Traditional Knowledge and Ethnopharmacology
- Environmental Science and Pollution Control
- Geoscience and Natural Disaster Management
- Civil Infrastructure and Engineering
- Artificial Intelligence and Machine Learning

CSIR-North East Institute of Science and Technology (CSIR-NEIST)

Main Office

Branch Laboratory

Jorhat-785006, Assam, India

https://www.neist.res.in



CSIR - National Geophysical Research Institute (CSIR-NGRI)



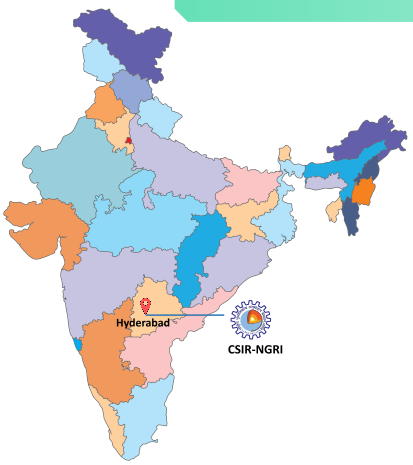
Director: Dr. Prakash Kumar, director.ngri@csir.res.in

Key Facts:

* Established in 1961.
* Dedicated to geophysical research and exploration of the Earth's subsurface.

Highlights:

* The institute focuses on understanding the Earth's structure, processes, and natural resources through the application of geophysical techniques.
* Aims to advance knowledge in geophysics, promote sustainable development, and contribute to the socioeconomic development of India.



Key Research Areas

- Seismology and Earthquake Studies
- Geodesy and Geodetic Surveying
- Geomagnetism and Paleomagnetism
- Gravity and Magnetic Studies
- Remote Sensing and GIS Applications
- Groundwater Exploration and Management
- Geological and Tectonic Studies

CSIR-National Geophysical Research Institute (CSIR-NGRI)
Uppal Road, Hyderabad-500007. Telangana, India.
https://www.ngri.res.in



CSIR- National Institute of Data Science and AI (CSIR-NIDSA)



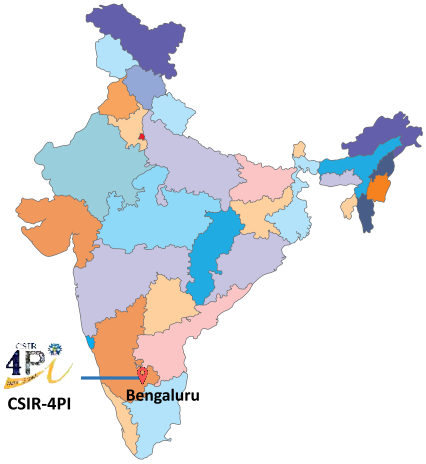
Director: Dr. G. K. Patra, director.4pi@csir.res.in

Key Facts:

* Established in 1988 and designated as CSIR National Laboratory in 2024.
* Data driven translational research and high performance computing.
* Inter disciplinary research through synthesis of modelling, measurements & data analytics.

Highlights:

* Generative AI based security and privacy solutions.
* Indigenously developed cyberspace surveillance network telescope for cyberthreat intelligence.
* CHAMP supercomputing & CSIR-MEGHA cloud storage.
* Pioneered Geo-Hazard Assessment in Indian Sub Continent.
* Agro-technologies & actionable farm advisory with AI & ML interventions.



Key Research Areas

Bigdata Research & Supercomputing

- **AI & Data Science infrastructure**
- **R&D in cyber security and privacy**
- **Development of domain agnostic data science tools & techniques**
- **Interdisciplinary Data Research**
- **Data research in Earth System, Agriculture, Health, Engineering**
- **Synthesis of Modelling, Measurements, and Data Analytics**

CSIR - Fourth Paradigm Institute (CSIR-4PI)
Windtunnel Road, Bangalore - 560037, Karnataka, India
https://csir4pi.res.in/



CSIR- National Institute for Interdisciplinary Science and Technology (CSIR-NIIST)



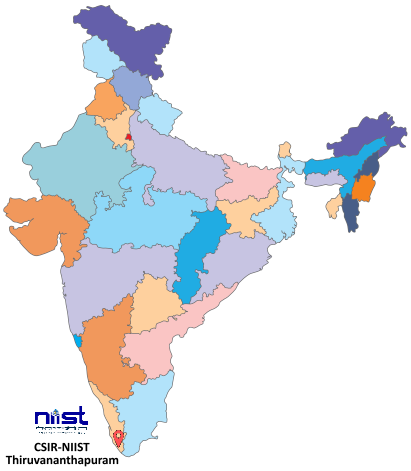
Director: Dr. C. Anandharamakrishnan, director.niist@csir.res.in

Key Facts:

* Established in 1975.
* Dedicated to interdisciplinary research in science and technology.

Highlights:

* Focus is on fundamental and applied research to address scientific challenges and develop innovative solutions for societal needs.
* Aims to advance knowledge in interdisciplinary sciences, promote innovation, and contribute to the socioeconomic development of India.



Key Research Areas

- Materials Science and Engineering
- Nanotechnology and Nanomaterials
- Chemical Sciences and Catalysis
- Biotechnology and Biomedical Sciences
- Environmental Science and Engineering
- Process Engineering and Optimization
- Energy and Sustainability
- Agro and food processing

CSIR-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST)
Thiruvananthapuram – 695019, Kerala, India
https://www.niist.res.in/



CSIR-National Institute of Oceanography (CSIR-NIO)



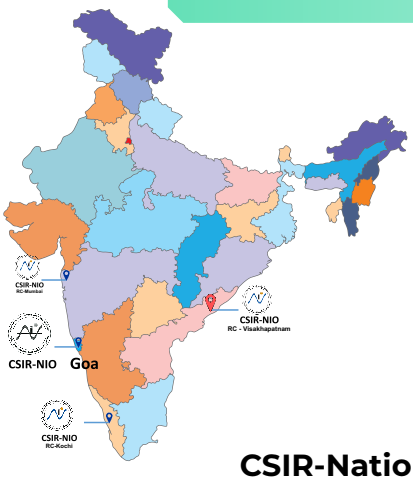
Director: Dr. Sunil K. Singh, director.nio@csir.res.in

Key Facts:

* Established in 1966.
* Dedicated to oceanographic research and exploration.

Highlights:

* The institute focuses on understanding the processes and phenomena occurring in the oceans, coastal regions, and marine ecosystems.
* Aims to advance knowledge in oceanography, promote sustainable development of marine resources, and contribute to the conservation and management of coastal and marine ecosystems.



Key Research Areas

- Physical Oceanography
- Marine Geology and Geophysics
- Marine Biology and Ecology
- Chemical Oceanography
- Marine Technology and Instrumentation
- Coastal Zone Management and Marine Resources
- Marine Biotechnology and Blue Biotechnology

Main Office
Regional Centre

CSIR-National Institute of Oceanography (CSIR-NIO)
Dona Paula – 403004, Goa, India
https://www.nio.res.in/



CSIR - National Institute of Science Communication and Policy Research (CSIR-NIScPR)



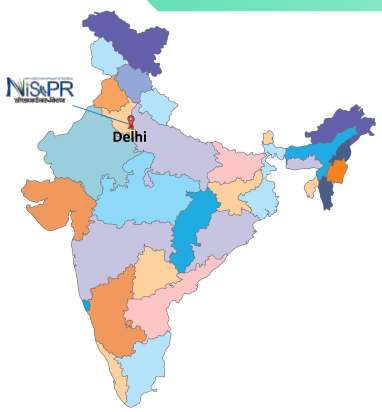
Director: Dr. Geethavani Rayasam, director.niscpr@csir.res.in

Key Facts:

* CSIR-NIScPR was established on 01-04-2021 with the merger of the CSIR-National Institute of Science Communication and Information Resources (CSIR-NISCAIR) and CSIR-National Institute of Science, Technology and Development Studies (CSIR-NISTADS), combining the strong legacy of many decades of both these institutes.

Highlights:

* Mission is to facilitate the effective communication of scientific knowledge to diverse audiences, inform evidence-based policymaking, and promote public understanding of science and technology.
* Aims to bridge the gap between science and society, foster informed decision-making, and promote the use of scientific knowledge for societal development.



Key Research Areas

- **Science Communication Strategies**
- **Science Journalism and Media Studies**
- **Science Policy Analysis**
- **Science Education and Outreach**
- **Science Diplomacy and International Collaboration**
- **Science and Society Studies**

CSIR-National Institute for Science Communication and Policy Research (CSIR-NIScPR)

Dr. KS. Krishnan Marg, New Delhi-110012, India

https://niscpr.res.in/



CSIR - National Metallurgical Laboratory (CSIR-NML)



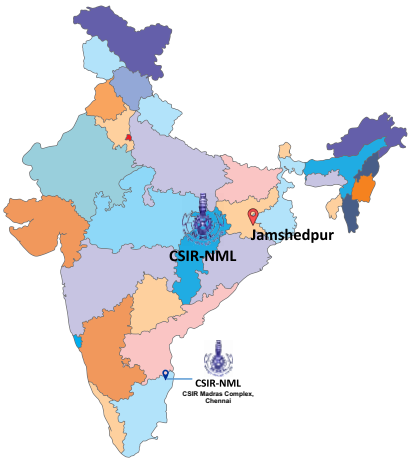
Director: Dr. Sandip Ghosh Chowdhury, director.nml@csir.res.in

Key Facts:

* Established in 1950.
* Dedicated to metallurgical research and development.

Highlights:

* The institute focuses on addressing challenges in the metallurgical industry and develop innovative solutions for materials processing and manufacturing.
* Aims to advance knowledge in metallurgy, promote innovation in materials science and engineering, and contribute to the growth and competitiveness of India's metallurgical industry.



Key Research Areas

- Alloy Development and Characterization
- Material processing and Manufacturing Technologies
- Extractive Metallurgy and Mineral processing
- Valorisation of Industrial Wastes
- Surface Engineering and Coating
- Materials Characterization and Evaluation
- Advance Materials for specific applications

Main Office
Complex

CSIR-National Metallurgical Laboratory (CSIR-NML)
Jamshedpur- 831001, Jharkhand, India
http://www.nml.res.in



CSIR - National Physical Laboratory (CSIR-NPL)



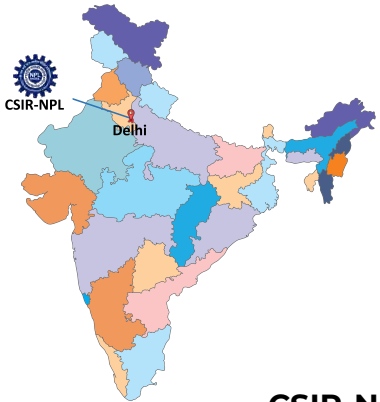
Director: Prof. Venugopal Achanta, director.nplindia@csir.res.in

Key Facts:

* Established in 1947.
* Dedicated to scientific research, measurement standards, and technology development.

Highlights:

* Primary mission is to establish and maintain measurement standards for physical quantities, ensure accuracy and reliability in measurements, and support scientific research and industrial development.
* Aims to advance scientific knowledge, promote innovation, and contribute to the growth and competitiveness of Indian industry.



Key Research Areas

- **Metrology and Measurement Standards**
- **Quantum Science and Technology**
- **Nanotechnology and Nanomaterials**
- **Materials Science and Characterization**
- **Environmental Monitoring and Analysis**
- **Instrumentation and Sensing Technologies**

CSIR-National Physical Laboratory (CSIR-NPL)
Dr. K.S. Krishnan Marg, New Delhi – 110012, India
https://www.nplindia.org/



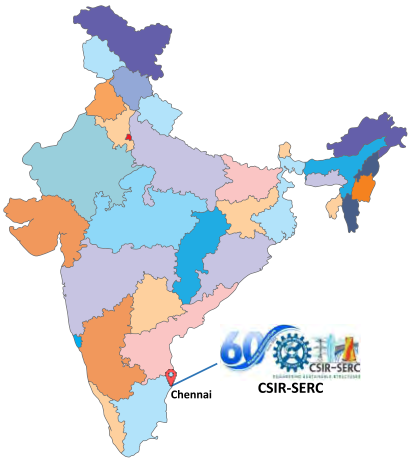
CSIR - Structural Engineering Research Centre (CSIR-SERC)



Director: Dr. N. Anandavalli, director.serc@csir.res.in

Key Facts:
* Established in 1965.
* Dedicated to structural engineering research and technology development.

Highlights:
* Primary mission is to advance knowledge and innovation in structural engineering, including design, analysis, testing, and rehabilitation of structures.
* Aims to enhance the resilience, safety, and sustainability of civil infrastructure in India and beyond.
* To be a global leader in Structural Engineering by excelling in research in frontier and cutting edge areas.
* Developing competitive technologies by embracing innovative inter- and trans- disciplinary approaches for the benefit of society and industry.



Key Research Areas

- Disaster Mitigation including Earthquake, Wind and Man-made hazards
- Structural Health Monitoring (SHM) & Life Extension
- Advanced Materials for Sustainable Structures
- Special and Multifunctional Structures
- Offshore Structures
- Energy Infrastructure

CSIR-Structural Engineering Research Centre (CSIR-SERC)
Taramani, Chennai - 600113 Tamil Nadu, India
https://serc.res.in/

CSIR Establishments

BIOLOGICAL SCIENCES	
CSIR-CCMB	Centre for Cellular and Molecular Biology, Hyderabad
CSIR-CDRI	Central Drug Research Institute, Lucknow
CSIR-CFTRI	Central Food Technological Research Institute, Mysuru
CSIR-CIMAP	Central Institute of Medicinal & Aromatic Plants, Lucknow
CSIR-IICB	Indian Institute of Chemical Biology, Kolkata
CSIR-IIIM	Indian Institute of Integrative Medicine, Jammu
CSIR-IITR	Indian Institute of Toxicology Research, Lucknow
CSIR-IGIB	Institute of Genomics & Integrative Biology, Delhi
CSIR-IHBT	Institute of Himalayan Bioresource Technology, Palampur
CSIR-IMTech	Institute of Microbial Technology, Chandigarh
CSIR-NBRI	National Botanical Research Institute, Lucknow

ENGINEERING SCIENCES	
CSIR-AMPRI	Advanced Materials and Processes Research Institute, Bhopal
CSIR-CBRI	Central Building Research Institute, Roorkee
CSIR-CGCRI	Central Glass and Ceramic Research Institute, Kolkata
CSIR-CMERI	Central Mechanical Engineering Research Institute, Durgapur
CSIR-CRRI	Central Road Research Institute, New Delhi
CSIR-IMMT	Institute of Minerals and Materials Technology, Bhubaneshwar
CSIR-NAL	National Aerospace Laboratories, Bengaluru
CSIR-NEERI	National Environmental Engineering Research Institute, Nagpur
CSIR-NML	National Metallurgical Laboratory, Jamshedpur
CSIR-SERC	Structural Engineering Research Centre, Chennai

PHYSICAL SCIENCES	
CSIR-CEERI	Central Electronics Engineering Research Institute, Pilani
CSIR-CSIO	Central Scientific Instruments Organisation, Chandigarh
CSIR-NIO	National Institute of Oceanography, Goa
CSIR-NPL	National Physical Laboratory, New Delhi
CSIR-NGRI	National Geophysical Research Institute, Hyderabad

INFORMATION SCIENCES	
CSIR-4PI	Fourth Paradigm Institute, Bengaluru
CSIR-NIScPR	National Institute of Science Communication and Policy Research, New Delhi

CHEMICAL SCIENCES			
CSIR-CECRI	Central Electrochemical Research Institute, Karaikudi	CSIR-IIP	Indian Institute of Petroleum, Dehradun
CSIR-CLRI	Central Leather Research Institute, Chennai	CSIR-NCL	National Chemical Laboratory, Pune
CSIR-CIMFR	Central Institute of Mining & Fuel Research, Dhanbad	CSIR-NEIST	North-East Institute of Science and Technology, Jorhat
CSIR-CSMCRI	Central Salt & Marine Chemicals Research Institute, Bhavnagar	CSIR-NIIST	National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram
CSIR-IICT	Indian Institute of Chemical Technology, Hyderabad		

Units	
CSIR-HRDC	Human Resource Development Centre, Ghaziabad
CSIR-TKDL	Traditional Knowledge Digital Library, New Delhi
CSIR-URDIP	Unit for Research and Development of Information Products, Pune

Innovation Complex
CSIR Innovation Complex, Mumbai



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