



173

YEARS OF
IIT ROORKEE
Estd. 1847

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE



INTRODUCTION

Our history

IIT Roorkee started its golden pages as the first Engineering College of Asia and among the commonwealth countries, in 1847. The college added feathers to its aim of sparking thoughts, imaginations, aspirations, and services to the nation thereby elevating itself as the first Engineering University of independent India, namely the University of Roorkee. In 2001, it was metamorphosed into the Indian Institute of Technology Roorkee.

Vision

Our Vision is to elevate the Institute's global engagement to world-class standards, leveraging our highly-regarded alumni as "catalysts" in the process. Our mission is to develop strong and sustainable international partnerships with research laboratories, academic institutions, industry, and entrepreneurs in order to meet the aspirations of our faculty and student communities.

Achievements

Rankings

- # 369 in QSWU Rankings 2023
- # 109 in Asia, QS 2022
- # 1 among IITs in
 - **International Students enrollment, QS 2022**
 - **Citations per faculty, QS 2021**
- # 1 in Architecture in the NIRF Ranking 2021
- # 1 in Most innovative institutions, CII
- # 5 in the Atal Ranking of Institutions on Innovation Achievements

GSoC Selections

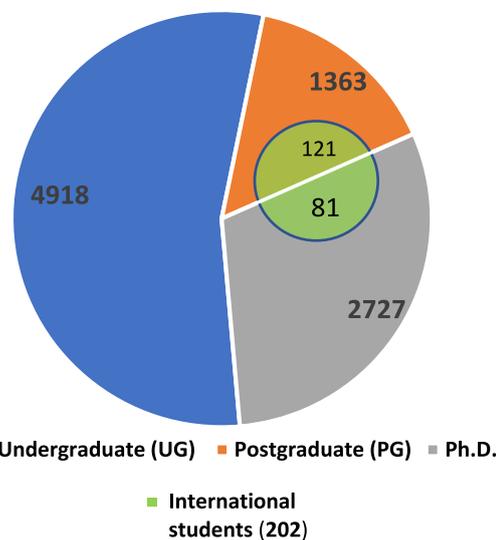
- Highest Number of students selected for Google Summer of Code (GSoC) in India for the past 5 years.

ACM-ICPC Rankings

- IIT Roorkee is bagging < 75 rank in ACM-ICPC World rankings for the past 6 years.

Current Student Enrollment

Total Number of Students : **9210**



Land of Infinite possibilities

- Ten alumni have won the Padma awards and twenty-five alumni have won the Shanti Swarup Bhatnagar Prize for Science and Technology.
- Excellence in the internationalization of Education Award by FICCI 2019.
- The Study in India High Performer Partner Institute Award in 2019.
- Senior Fellowship, DBT-Welcome Trust India Alliance (2020-2021).
- 13 awards under 'Newton Bhaba Fund-PhD Placement Programme' from 2019-2021.
- GRIHA Trophy at NASA for The Design of Terminal Building at Bagdogra Airport.
- Gold award for e-governance for outstanding research on citizen-centric services.
- IITR Alumni featured in Forbes 30 under 30 Asia list 2022.
- IIT Roorkee faculty members have been awarded with several prestigious international awards/honours such as:
 - IEEE Electron Devices Society Early Career Award in 2021.
 - 4 American Chemical Society (ACS) Membership awards from 2019-2021.
 - 6 American Society of Civil Engineers (ASCE) Membership from 2006-2020.
 - 19 Fellow of the Royal Society awards from 2001-2021.
 - 6 Fulbright Fellowship awards from 2006-2021.
 - 10 Humboldt Awards from 2002-2018.
 - 2 IBM Faculty Awards from 2008-2012.
 - Institute of Electrical and Electronics Engineers (IEEE) award in 2014.
 - 10 Japan Society for the Promotion of Science (JSPS) Fellowship awards from 1999-2022.

RESEARCH

Research flourishes in 23 departments as well as in dozens of centers, labs, and other research facilities that convene experts across disciplines to explore new intellectual frontiers and tackle important societal challenges. IITR recognizes Sponsored Research (SR) and Industrial Consultancy (IC) as the essential attributes of research and development. A full-fledged office operating under Dean (SRIC) provides administrative and accounting support to the faculty undertaking sponsored research and consultancy work.

Sponsored research details (2021-22)

No. of Sponsored research projects: 177
 No. of Funding agencies: 46
 Total Amount received (rupees): 876.4 Million

Consultancy Project details (2021-22)

No. of Consultancy research projects: 788
 No. of Client organizations: 630
 Total Amount received (rupees): 641.2 Million

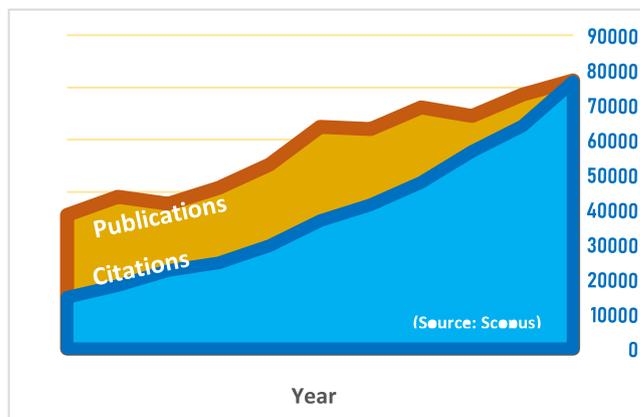
264
 Patents
 filed

7
 Technologies
 transferred

13
 Copyrights
 registered

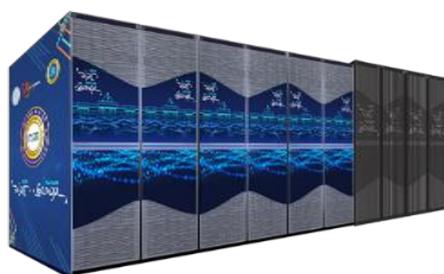
4
 Trademarks
 registered

Original Research Publications & Citations

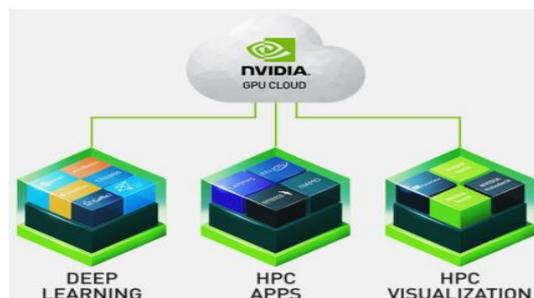


INNOVATION

IIT Roorkee educates students to serve as leaders in the innovation economy with the knowledge, skills, and confidence to develop, scale and deliver breakthrough solutions to real-world problems. The Institute combine opportunities for hands-on innovation and entrepreneurship education, building a dynamic innovation infrastructure across campus, and fostering a connected community of innovation science researchers focused on global relevance and impact



PARAM Ganga – High-Performance Computing (HPC) system under the National Supercomputing Mission of Government of India has been established at IIT Roorkee.



DGX1@IITR

The NVIDIA DGX-1 is a deep learning system, architected for high throughput and high interconnect bandwidth to maximize neural network training performance.

E-Cell: Entrepreneurship Cell, a campus group at IIT-R is committed to nurturing the ideas of budding entrepreneurs. E-Cell mentors, instills hunger for growth, team spirit, and other qualities in budding entrepreneurs.

E-Learning Cell: E-Learning Centre (ELC) formerly Educational Technology Cell (ET CELL), is primarily conceived to produce high quality Video/Web/Multimedia based instructional material, syllabus-based content development for the National Programme on Technology Enhanced Learning (NPTEL) project, and short courses/training programmes for faculty for development of video/web-based courses.

ACADEMICS

The Institute offers several Undergraduate programmes, Integrated dual-degree programmes, and Integrated Masters Programmes in different disciplines of engineering, technology, and architecture. It also offers postgraduate programmes in specialized areas leading to Master's degree in technology, architecture, sciences, and management. In addition, the institute is engaged in advanced-level research and offers doctoral and postdoctoral programmes in the areas of cutting-edge technologies and sciences.

Programmes

1. Bachelors Programmes
 - a. B.Tech/B.Arch
 - b. Integrated (B.Tech + M.Tech)
2. Masters Programmes
 - a. M.Tech/ M.Arch & M.U.R.P./ M.Sc
 - b. MBA

(<https://ir.iitr.ac.in/pdf/ProgramsIITR.pdf>)
3. PG Diploma (For sponsored candidates)
4. Doctoral Programmes (Ph.D.)
5. Joint/ Dual Doctoral Degree Programme

Scholarships

- Merit-cum-Means Scholarship
- James Thomason Scholarship
- INSPIRE Scholarship
- Encore scholarship
- Heritage Awards
- Aditya Birla Scholarship
- Shakuntala Fellowship

The students can be admitted through the following Categories:

1. Through GATE Examination
 2. Study in India Portal <https://study-inindia.gov.in/>
 3. ICCR Scholarship - Government of India <http://a2ascholarships.iccr.gov.in/>
 4. Indian Technical & Economic Cooperation (ITEC)
 5. Indian Govt. Fellowship for ASEAN Students
 6. Foreign Government Sponsorships
 7. International MoUs
- Details at <https://ir.iitr.ac.in/HowToApply>



Minors and Honours in Undergrad programmes

Minor Specialization

Students who are willing to excel in some specialization other than his/her own department, have the option for doing a Minor specialization in that department.

Departmental Honours

Students with interests in their own department and having a CGPA greater than 7.5 can take 4-5 extra courses from their department and pass out with an Honours degree.

Switching to an Integrated Dual Degree Program (IDD) from BTech Program

Students at the end of their 3rd year are offered an option to switch to an integrated dual degree program (BTech + MTech). This option to switch is offered only to the students having a CGPA greater than 7.5 and an approval from their respective departments.

Change of Registration from MTech/IDD to Ph.D.

Students pursuing M.Tech / M.Arch / MURP/ IDD/ IMT programs at IIT Roorkee with CGPA not less than 8.50 may opt for a lateral entry to the Ph.D. program. This option can be availed after completing two semesters of M.Tech/ M.Arch/ MURP, or after completing all theory courses of IDD/IMT.

Certification Courses

E & ICT Academy, IIT Roorkee

India is fast emerging as a world power in Information, Communication Technology, and Electronics (ICTE) sector. To complement its growth and further development, there is an ever-increasing need for trained professionals with specialization in this space. This includes training of professionals not only in existing and advanced technologies but also in the fields of electronic manufacturing. To meet this objective MeitY has approved a scheme and set up Electronics and ICT (E&ICT) Academy at IIT Roorkee and other IITs/ NITs.

Online courses

- **AI for Managers:** 4 Months course
- **Full Stack Software Development:** 10 Months course
- **Cloud Computing and DevOps:** 7 Months course
- **Advanced Certificate in Data Science & AI:** 11 Months course
- **Advanced Certificate in Machine Learning & AI:** 8 Months course
- **Applied Data Science & Machine Learning with Python:** 90+ hours course

Faculty Development Programs (FDP's) in Emerging Technologies

- Natural Language Processing
- IOT & Applications (Smart Systems)
- Data Science for All
- Machine Learning for Computer Vision
- Numerical & Engineering computation, optimization for Physicists, Scientists & Engineers using open-source-SCILAB
- Android & Programming Applications
- Designing with FPGA's (Intel)
- Research Methodology

Abilities with Years of Experience

- Beneficiaries Trained: 10,000+ Years
- Industry Partners : 20+ years
- Academic Partners : 30+years
- IIT- Roorkee Teaching Members : 100+ years



RESEARCH AREAS

Applied Mathematics and Scientific Computing

- Applied Mathematics, Partial Differential Equations
- Different Solutions Methods of Partial Differential Equations
- Abstract Differential Equations
- Initial and Boundary Value Problems
- Fractional Differential Equations, Approximations of Solutions
- Method of Lines, Inverse and Ill-posed Problems, Inverse problems in PDE
- Numerical Optimization, Evolutionary Algorithms
- Swarm Intelligence, Global Optimization, Nature Inspired Algorithms, Supply Chain Management

Architecture and Planning

- Energy Efficiency in Buildings, Life Cycle Analysis
- Architectural Design
- Human Factor and Ergonomics
- Embodied Energy in Housing, Futuristic Architecture
- Urban & Rural Development Planning
- Aesthetics in Architecture, Folk Art/ Craft and Technology
- Economic and Community Development, Urban Mobility
- Culturally Responsive Built Environments
- Architectural Journalism
- Design for Disabled, Ageing & Children, Inclusive Mobility
- Hygro-thermal performance of building envelope
- Spatio-Economic Urban & Rural Planning, Walkability and NMT planning

Biosciences and Bioengineering

- Structural and Computational Biology
- Cell and Molecular Biology
- Biological Engineering

Chemical Engineering

- Risk & hazard analysis for chemical, petroleum, petrochemical & allied industries, life cycle assessment
- Development of low-cost treatment technology
- Life Cycle Assessment
- Biological and physico-chemical treatment of wastewaters, and VOC control technology
- Biochemical engineering
- Thermal processing of biomass materials and industrial wastes
- Novel catalyst development

Chemistry

- Organic synthesis methodology
- Organic Synthesis & Catalysis
- Novel Metallo-Carbene Chemistry
- Asymmetric Catalysis
- High Energy Density Materials
- Materials Chemistry
- Novel Reactions
- Visible light photoredox chemistry
- Heterocycles
- Sustainable Chemistry
- Inorganic Biochemistry
- Molecular Modelling
- Inorganic nanomaterials
- High Energy Density Materials

- Nanoparticle-DNA interaction
- Synthesis and Studies on Porphyrinoids
- Bioinorganic Chemistry
- Electrochemical energy storage
- Smart Biomimetic microcompartments
- Theoretical physical chemistry
- Quantum dots
- Molecular Modelling
- Solid State and Materials Chemistry
- Physical Chemistry
- Theoretical Chemistry
- Nanostructured inorganic materials
- Computational Material Science & Solid State and Materials Chemistry
- Materials Chemistry

Civil Engineering

- Environmental engineering
- Geomatics Engineering
- Geotechnical Engineering
- Hydraulics Engineering
- Structural Engineering
- Transportation Engineering

Computer Science and Engineering

- Computer Networks and Cyber Security
- Computer Architecture
- Algorithms
- Artificial Intelligence and Machine Learning
- Data Analytics and Natural Language Processing
- Cloud Computing and Internet of Things (IoT)
- Vision and Image Processing
- Theory and Software Engineering

Department of Design

- Product Design
- Visual Design
- Sustainable Design
- Innovation and Entrepreneurship
- Design Thinking
- Intellectual Property Development and its Management

Earthquake Engineering

- Soil Dynamics
- Structural Dynamics Engineering Seismology and Seismotectonics
- Instrumentation

Earth Science Engineering

- Application of Geophysical Signal Processing for Earth System
- Biostratigraphy, Organic Evolution and Paleoclimate
- Crustal Deformation Studies and Transparent Behavior Analysis using GPS Data
- Electromagnetic and Magneto telluric Methods
- Engineering Geology Forward and Inverse Modelling of Resistivity data for Ground Water Prospecting
- Forward and Inverse Modelling of Seismological Data
- Gravity and Magnetics Prospecting High pressure & high temperature lab investigation
- Himalayan Tectonics and Orogeny
- Integrated reservoir characterization
- Metamorphic and Precambrian Tectonics

- Oceanography and Paleoceanography
- Ore Deposit Geology/ Remote Sensing and GIS/ Rock Physics & Petrophysics
- Sedimentology and Basin Analysis
- Seismic Hazard / Seismic Signal Processing for Hydrocarbon Exploration
- Seismic Travel Time & Attention Tomography
- Strong Motion Seismology
- Structural & Deformation Geology
- Subsurface Investigations using Ambient Noise Studies

Electronics and Communication Engineering

- Microelectronics & VLSI
- Communication, Network and Signal Processing
- RF & Microwave

Electrical Engineering

- Electric Drives and Power Electronics (EDPE)
- Power System Engineering (PSE)
- Instrumentation And Signal Processing
- Systems And Control (S&C)

Hydrology

- Surface water Hydrology
- Ground Water Hydrology
- Watershed Management
- Integrated Water Resources Management
- Real-time inflow forecasting
- Extended hydrological prediction
- Reservoir Operation Studies
- Climate Change impact on hydrology and eco-hydrology
- Catchment Erosion Assessment & Modelling
- CO₂ geo-sequestration and multiphase flow modelling
- Water-Energy-Environment Nexus
- Water and Wastewater Treatment
- Membrane Science & Desalination
- Eco-hydrological resilience analysis
- Hydrological modelling
- Water Availability & Design Flood studies
- Environmental Impact Assessment
- Geo-physical investigations
- Remediation of polluted sites

Hydro and Renewable Energy

- Renewable Energy Systems
- Life Cycle Assessment (LCA)
- Biofuels/ PEM Fuel Cells/ Hydropower Projects/ Grid reliability and resilience
- Power Sector Regulation/ Load Forecasting/ Environmental Management/Hydraulic Turbine, Floating Solar/ Biogas Technology,
- Electric Vehicle charging infrastructure, Transportation Electrification/ Hydrokinetic Energy, Solar Energy/
- Small Hydropower, Integrated Renewable Energy Systems
- Grid-Connected renewable energy systems/ Power Market Design
- Biochar, Waste Management

Humanities and Social Sciences

- Economics
- English
- Psychology
- Sociology

Mathematics

- Algebra, Number Theory, Coding Theory and Cryptography
- Complex Analysis, Approximation Theory, Fourier Analysis
- Computational Fluid Dynamics Bio-Mathematics
- Control Theory, Operator Theory Functional Analysis
- Soft Computing-Evolutionary Algorithms and Swarm Intelligence and Parallel Computing
- Fuzzy System
- Image Processing
- Numerical Analysis and Simulations of PDEs
- Operational Research
- Partial Differential Equations and Inverse/ill posed problems
- Probability Theory
- Statistics and Financial Mathematics
- Stochastic Partial Differential Equations

Mechanical and Industrial Engineering

- Collaboration in Research and Development of New curriculum in Sound and Vibration
- Slurry Erosion Properties of Laser Cladding
- Cost-effective transportation of bulk solids through slurry pipelines
- A study of Forced Convection Condensation of Eco-friendly refrigerators inside a Horizontal Tube
- Influence of Low Frequency Vibration on Activity Comfort while travelling by Railway Vehicles
- Channel Heat up Experiments

Metallurgical and Materials Engineering

- Ceramics - structural, energy storage, electronics
- Composite for structural applications and adhesive joining/ Corrosion
- Extractive Metallurgy
- Fatigue and Fracture Mechanics
- High Temperature Deformation Behavior
- Joining of Materials
- Severe Plastic Deformation and Bulk Nanostructured materials
- Powder Processing of Materials
- Tribology
- Computational Material Science
- Biomaterials for Tissue Engineering
- Nanomaterials Synthesis and Applications
- Surface Engineering
- Energy conversion and Storage
- Crystallographic Texture, Shape memory alloys, Additive manufacturing
- Steel development, Structure-property correlation in steel, Joining of steels

Management Studies

- Information Systems
- Data Science
- Financial Management
- Knowledge Management
- Marketing Management
- Operations Research
- Organisational Behavior
- Human Resource Management
- Quality Management

Paper Technology

- High temperature high performance liquid chromatography - HT-HPLC
- Novel Packaging Technologies

- Bio-based materials, Biocomposites and Bioplastics synthesis
- Wireless sensor Network and IoT
- Identification and removal of pollutants

Physics

- Atmospheric & Space Physics
- Atomic & Molecular Physics
- Condensed Matter Theory
- Condensed Experiment
- High energy Theory
- Nuclear Physics Theory
- Nuclear Physics Experiment
- Nuclear Engineering
- Photonics

Polymer and Process Engineering

- Membrane (Cation exchange, Anion exchange and Bipolar) synthesis and application in Electrodialysis
- Polymer Science
- Design & Synthesis of Conjugated Organic Building Blocks for Development of Novel Metallopolymers
- Polymeric Materials
- Nano-materials and quantum-dots
- Polymer for advanced application
- Tissue Engineering
- MATERIALS: Polymeric Blends, Composites and Molecular Nano Composites for Engineering & Aerospace Systems, and their Design, Processing and Sustainability
- Polymer Electronics
- Rheology of Complex Fluids

Water Resources Development and Management Department

- Ecohydrological Modelling
- Marine Electrification, Cyber Security for industrial Control systems
- Water Resources Projects, Planning & Management
- Hydrological Modelling
- Rainwater Harvesting
- Flood Forecasting
- Vulnerability Analysis
- Irrigation Water Management
- Ground water and contaminant hydrology

Centre of Excellence in Disaster Mitigation and Management (CoEDMM)

- Shallow landslides
- Spatiotemporal modelling of geohazards
- Multiscale numerical modelling of geohazards
- Rainfall Intensity-Duration (ID) thresholds for debris flows
- Landslide dams
- social vulnerability assessment
- Disaster Risk Reduction

Centre for Transportation Systems (CTRANS)

- Urban Transportation Policy & Research
- Vehicle Technology
- Environmental Analysis of Transportation Systems
- Study on Alternate Fuel
- Pavement Management System
- Remote Sensing, GPS and GIS Applications in Transportation System
- Information Technology for Efficient Operation of Transportation System
- Optimization of Public Transport Operation
- Visual Communication & Design for Aesthetic & Comfort, Ergonomics

- Health Hazards and Mitigative Measures
- Accident Modelling and Road Safety
- Economic Appraisal of Transportation System
- Multiplier Effect of Transportation Studies System for Urban & Rural Development
- Innovative Instrumentation System
- Human Re-engineering, Value Engineering
- Traffic Management
- Behavioral Sciences
- Pavement Tyre Interaction
- Transport in Different Geo-Terrains
- Surface & Subsurface Storage and Strategic Transportation
- Underground Space Technology for Transport System
- Public Transportation System including Inter Modal Transportation
- Inland Water Transport

Centre for Nanotechnology

- Carbon Nanotubes and its application
- Modelling and Simulations
- Nanobiotechnology
- Nanocomposites and their coatings
- Photochemistry and Photo physics of nanomaterials
- Synthesis of Nanowires/ Nano colloids /Quantum Dots
- Thin Films and Nanostructures

Centre for Photonics and Quantum Communication Technologies

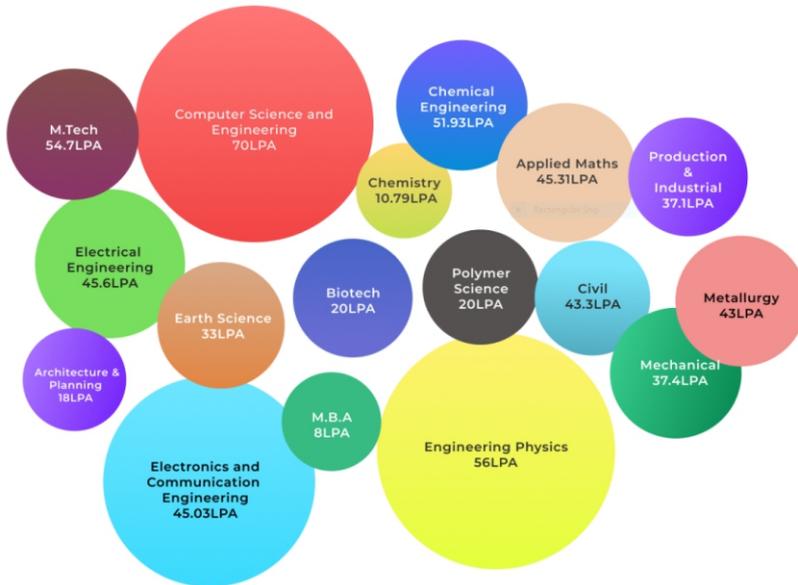
- Photonics
- Quantum optics
- Quantum Communication
- Quantum information and Computing

Mehta Family School of Data Science and Artificial Intelligence

- Data Science and Artificial Intelligence
- Machine Learning, Deep Learning and AI for Computer Vision & Image Processing
- Geospatial Technology
- Soft Computing, Essential Mathematics for AI.
- AI and ML in Social Media and Finance Domains, App Design and AI/ML Integration
- DSS/Automated System Development
- A.I. based Hardware and Soft Tool Designs for imaging applications
- Bandit algorithms
- AI applications in water resources modelling
- Image Processing
- AI for computer vision,
- Soft computing, Fuzzy Systems
- Theory of seismic wave propagation and scattering,
- Numerical Optimization
- Neural Architecture Search (NAS)
- Computational Social Science, Business Analytics, Banking and Finance, Applied Data Science
- Discovery of novel functional materials combining machine learning and physics-based simulations
- Data Mining and Big Data, Intelligent Transportation Systems, Data Privacy, Time Series Data Analysis, Predictive Analytics

PLACEMENTS

IIT Roorkee has been a preferred destination for aspiring technologists from across the country for the past several years. In the last fifty years IIT Roorkee has produced many illustrious alumni, whose contributions at national and international levels have been significant. The alumni of IIT Roorkee are often sought after for coveted positions in the realm of business, academics, and research. IIT Roorkee consistently maintains an exemplary recruitment record. Our graduates and postgraduates have been selected by leading national and multinational corporations and research institutes.



Number of Companies Participated:
281

Number of Offers made: **1,243**

Number of International Offers: **32**

Highest Domestic package: INR **1.8 crore** per annum

Highest International Package: INR **2.15 crore** per annum

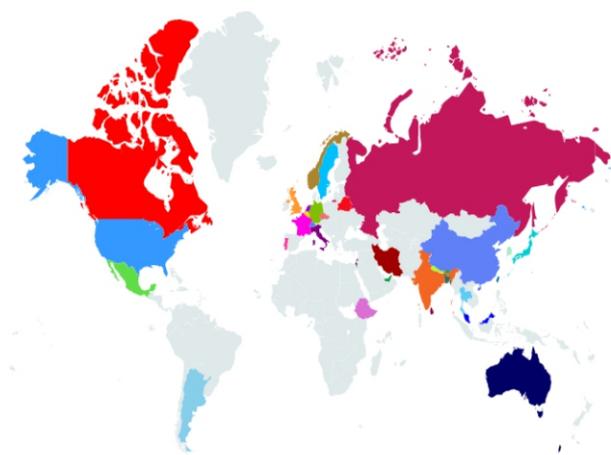
Past Recruiters



INTERNATIONAL RELATIONS

IITR has executed MoUs/Agreements with more than 110 international institutes/universities representing 34 countries of the world. Agreements for Student Exchange and Internships programmes have been signed with top ranked universities like KTH (Sweden), TUM (Germany), University of Tokyo (Japan), ANU (Australia), NTU (Singapore) etc. Joint/Dual degree programs are conducted with some of the premiere global universities like Univ. of Alberta (Canada), Univ. of Strasbourg (France), AIT (Thailand).

Our International Collaborations



International Networks

- DST Africa initiative
- Shastri Indo-Canadian Institute (SICI)
- IC-IMPACTS
- HERITAGE NETWORK
- United States-India Educational Foundation
- Japan Society for the Promotion of Science
- And many more

- More than 110 MoUs with International University Institutes in the last 5 years
- More than 60 countries are represented through international

IIT Roorkee is organizing Institute-funded SPARK fellowships for internships with a weekly stipend of ₹2500/week and project-funded internships in 2022

<https://spark.iitr.ac.in/>

Internship/Scholarship Programmes at Foreign Institutes for IIT Roorkee students under agreements

- Future Research Talent (FRT) Awards, Australia
- NTU – INDIA Connect Scholarship, Singapore
- DUO-India Fellowship Programme
- Ecole Polytechnique University Scholarship, France
- Combined Study and Practice Stays for Engineers from Developing Countries (KOSPIE), Germany
- Raman - Charpak Scholarships, France
- Mitacs Globalink Research Internships, Canada
- QUAD Fellowship program
- Eiffel Scholarship Program of Excellence, France
- ThinkSwiss Scholarship, Switzerland
- Shastri Indo-Canadian Institute, Canada
- Commonwealth Split-site Scholarships, UK
- DAAD Working Internships in Science and Engineering (WISE), Germany
- Newton-Bhabha PhD Placement Scholarships, UK
- Research Internship Programme at Yale University, USA
- International Youth Exchange Programme (IYEP)

Student Exchange Programmes @ IIT Roorkee

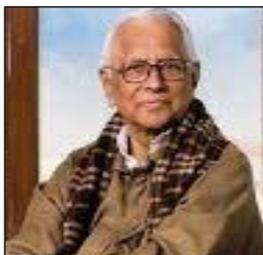
IIT Roorkee is partnering Student Exchange Programmes with the following foreign Institutes

<https://ir.iitr.ac.in/InboundStudents>

- University of Potsdam (under Co-PRE-PARE project), Germany
- Kungliga Tekniska Hogskolan (KTH), Sweden
- Technical University of Munich (TUM), Germany
- Niigata University (NU), Japan
- Ecole Speciale des Travaux Publics, du Batiment et de l'Industrie (ESTP), France
- Lucerne University for Applied Sciences and Arts (HSLU), Switzerland
- VSB - Technical University of Ostrava, Czech Republic
- University of Tokyo, Japan

ALUMNI NETWORKS

IIT Roorkee's more than 25,000 alumni include trailblazing corporate executives, artists, successful entrepreneurs, academic leaders, medical pioneers, and technological innovators.



Jaiprakash Gaur
Batch of 1950
Ex-Chairman of Jaypee Group



Ashok Soota
Batch of 1964
Ex-President of Wipro Infotech



Dinesh C. Paliwal
Batch of 1979
President and CEO of Harman International Industries



Naresh Kumar
Batch of 1987
Chief Secretary of Delhi



Pankaj Kumar
Batch of 1987
Director (Offshore) of ONGC



Anil Kumar Lahoti
Batch of 1986
General Manager, Central Railway



Rajiv Kumar
Batch of 1990
Managing Director and Corporate Vice President at Microsoft India



Moni Singh
Batch of 1996
Founder and CEO of STEM For Kids



Dr Papias Musafiri Malimba
Batch of 1999-2000
Fmr. Education Minister of Rwanda

Our Vast alumni network helps us in bringing a real-Life perspective to students by interacting with them regularly through meets arranged by the alumni association, coaching, and mentoring students to prepare for real world challenges in industry and beyond.

Startups from Alumni Network



and counting...

CAMPUS LIFE

The IITR campus provides a number of utilitarian amenities that make its students' lives on campus trouble free.



Library

Mahatma Gandhi Central Library finds a unique place in the academic library scenario in this part of the world. It is an amalgamation of the classic and the modern. While it is one of the oldest academic libraries in country, it is housed in an 80,000 sq. ft.



Sports

Physical recreation through games and sports has been an important part of the Institute since its inception. Games like football, cricket and hockey were introduced around 1870 followed closely by squash and boating.



Hostel Life

IIT-R treats its students like responsible adults and grants them ample freedom for exploration and enjoyment. When you are a hostelle-R, life for you is what you make of it during your stay here at IIT-R.

Athletics facilities

- A 400-meter running track
- Two gymnasiums
- Cricket, football, and hockey stadiums
- Volleyball and basketball courts
- Swimming pool
- Racquetball, squash, and tennis courts



Himalayan Explorer's Club

The Mountaineering & Trekking Club founded in 1971 was the forerunner of the Himalayan Explorers' Club (HEC). Between 1971 & 1974 the Institute Sports Association nurtured the Mountaineering & Trekking Club which fostered all mountaineering, trekking, and outward-bound activities amongst the science, engineering, and professional student community of the Indian Institute of Technology Roorkee.

CULTURAL AND TECHNICAL EVENTS

Annual Fests of IIT Roorkee



Thomso -
Cultural Festival



Cognizance-
Technical Festival



Sangram-
Sports Festival



National Service Scheme (NSS)-
Public Service Program



Esummit-
Entrepreneurship Summit



Intelligent
Humanoid
Robot



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