



INDIAN INSTITUTE OF TECHNOLOGY

KHARAGPUR - 721302

Faculty Openings

IIT Kharagpur, an Institute of national importance, is the first and largest in the chain of seven IITs engaged in teaching, research and development requires high quality manpower. The Institute invites application from Indian nationals, possessing excellent academic background, commitment to quality teaching and potential for carrying out outstanding research.

Qualifications

Ph.D. with first class or equivalent at all the preceding degrees in appropriate branch and evidence of the ability to pursue independent high quality research.

Experience for the post of

Professor : At least 10 years teaching / research / industrial experience of which 5 years should be at the level of Associate / Assistant Professor.

Associate Professor : At least 8 years teaching / research / industrial experience of which 3 years should be at the level of Assistant Professor.

Assistant Professor : At least 3 years teaching / research / industrial experience.

Scale of Pay

Professor : Rs.18400 – 500 – 22400/-

Associate Professor : Rs.16,400 – 450 – 20000/-

Assistant Professor : Rs.12000 – 420 – 18300/-

plus allowances as admissible to Central Government employees.

(Pay is likely to be revised as per Sixth Central Pay Commission)

Reservation : Without any compromise on qualification, experience and competence, reservation as per Government of India rules is available only at entry level positions of Assistant Professor.

Academic reimbursements and other incentives

1. Initial grant up to a maximum limit of Rs. 5 lakhs for carrying out research projects.
2. Full funding for attending national conferences either for presenting a paper or chairing a session as per Institute guidelines.
3. Financial assistance up to Rs.1.00 lakh once in 3 years for attending International conferences either for presenting a paper or chairing a session as per Institute guidelines. An additional amount of Rs. 50,000/- is being given from the SRIC fund to the faculty members who is the Principal Investigator of a Project amounting at least Rs. 15,00,000/- and has at least three Published Papers in referred journals in the preceding three years.
4. Reimbursement of 75% of membership fee of one international professional society every year.
5. Contingent grant as per Institute rules.
6. Reimbursement of telephone charges up to Rs.750 per month.
7. Reimbursement of relocation charges from within India to the faculty members at the time of their joining.
8. Interest free soft advance of Rs. 50,000/- to the newly recruited faculty members.
9. Honorarium of Rs. 15,000/- per month to the teachers who have obtained Bhatnagar Award.

Accommodation

Suitable residential accommodation as per rules will be provided on the Campus of the Institute on joining the Institute.

Interested candidates may apply enclosing

- Curriculum Vitae
- List of Publications (with reprints of important publications)
- Department / Centre / School at which the candidate proposes to work
- Names and Addresses (with e-mail address and fax numbers) of at least three referees
- Any other details relevant to the candidature.

Notes

- Minimum requirement of experience may be relaxed in respect of outstanding candidates.
- Mere eligibility will not vest any right on any candidate for being called for interview. The decision of the Institute in all matters will be final. No correspondence will be entertained from the candidates in connection with the process of selection / interview. Canvassing in any manner would entail disqualification of the candidature.
- The Institute reserves the right to call only the requisite number of candidates for interview after shortlisting with reference to the candidate's qualification, suitability, experience, etc.
- Ph.D. qualification has been waived in case of recruitment of faculty at the entry level (Assistant Professor) for the Department of Architecture & Regional Planning, School of Medical Science & Technology and Rajiv Gandhi School of Intellectual Property Law.
- The candidates should be preferably below 35 years of age for the post of Assistant Professor.
- The Institute reserves the right to fill or not to fill any or all the posts advertised.
- Candidates possessing the requisite qualification & experience may submit their application on the prescribed form to the **Assistant Registrar (Recruitment), Indian Institute of Technology, Kharagpur – 721302** (email : asregre@adm.iitkgp.ernet.in)
- Last date of receiving application is 15th May 2008.

Download Application Form

Application form can be downloaded from the Institute website (www.iitkgp.ac.in). The candidates applying from Government Organizations and Public Sector Undertaking should have their applications duly forwarded by competent authority. Based on the need of the Department / Centre/ School concerned, efforts will be made to take a decision at the earliest.

For further details contact

Assistant Registrar (Recruitment), Indian Institute of Technology, Kharagpur – 721302, India.

Phone : 03222-282128 / 282135 / 282137, Fax : 03222-282020, Email : asregre@adm.iitkgp.ernet.in

Candidates can also contact the Heads of various Departments / Centres / Schools. Their e-mail and postal addresses are on the Institute website.

Specializations :

Aerospace Engineering

Aerodynamics, Propulsion and Flight Mechanics.

Agricultural and Food Engineering

Farm Machinery and Power, Soil and Water Conservation Engineering, Post Harvest and Food Engineering.

Architecture and Regional Planning

Architectural Design, Urban & Regional Planning, Housing, Building Science, Visual Communication and Product Design, Infrastructure Planning and Design, Environmental Planning and Design.

Biotechnology

Bioinformatics, Computational Biology, Transgenic Plants and Animals, Cellular & Molecular/ Structural Biology / Structure Based Drug Design, Cell and Tissue Engineering, Bio-nanotechnology, Molecular Biophysics, Applied Microbiology, Genetics, Plant Molecular Biology / Biochemical Engineering / Biosensor / Neurobiology.

Chemical Engineering

Process Synthesis and Equipment Design, Petroleum Refining and Petrochemicals, Transport Phenomenon, Interfacial Phenomenon, Particulate Technology, Separation Science and Technologies, Thermodynamics and Reaction Engineering, Fuel and Mineral Processing, Process Dynamics and Control, Multiphase Flow, Industrial Pollution Control, Biochemical Engineering, Optimization Techniques in Chemical Engineering, Polymer Engineering, Advanced Materials Engineering, Nano Science and Technology.

Chemistry

Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Biochemistry, Polymer Chemistry, Materials Chemistry, Analytical Chemistry, Chemical Physics, Computational Chemistry.

Civil Engineering

Structural Engineering, Geotechnical Engineering, Hydraulics & Water Resources Engineering, Environmental Engineering, Transportation Engineering, Infrastructure Systems, Geomatics.

Computer Science and Engineering

Computer Architecture, Operating Systems, Embedded Systems, Computer Networks, Mobile Computing, Computer Aided Design and VLSI, Algorithms, Theoretical Computer Science, Data Base Management Systems, Programming Languages, Multimedia, Image Processing, Compiler Technology, Speech and Natural Language Processing, Artificial Intelligence, Cognitive Systems, Software Engineering, Parallel and Distributed Systems, Information Security Assurance, Cryptology.

Cryogenic Engineering

Cryogenic Processes and Equipment : Cryophysics and its Applications; Cryogenic Mass Transfer and Separation Technology.

Electrical Engineering

Machine Drives, Power Electronics and Power Systems Engineering, Energy Systems: Conventional and Non-Conventional, Control Engineering, Instrumentation, Signal and Image Processing, Distributed Systems.

Electronics and Electrical Communication Engineering

RF Systems Engineering, Telecommunication Systems / Networks, Wireless and Optical Communication Systems and Networks, Opto-electronics & Integrated Optics, Micro / Nano-Electronics, Semiconductor Technology, MEMs, VLSI Circuits Computer Vision, Signal and Image Processing, Multimedia, Embedded Systems, Photonics and Optical Communication.

Geology and Geophysics

Hydrocarbon Exploration, Mathematical Geophysics, Magnetotelluric, Petroleum Geology, Paleobotany, Sequence Stratigraphy.

G. S. Sanyal School of Telecommunications

Wireless Communications and Networks, Fiber Optic Communications, Satellite Communications, RF Engineering, Detection and Estimation Theory, Signal Processing, Telecommunication Circuits, Telecommunication Network Planning, Network Management, Network Security, Mobile Computing.

Humanities and Social Sciences

English and Communication Studies, Financial and Quantitative Economics, Organizational Behaviour.

Industrial Engineering and Management

Industrial Engineering, Production / Operations Management, Systems Management, Operations Research, Software Engineering, Financial Management Engineering, Manufacturing Systems, Technology Management, Quality Management.

Mathematics

Statistics, Algebra, Topology, Real and Complex Analysis, Dynamical Systems, Fluid and Solid Mechanics, Theoretical Computer Science, Actuarial Science, Risk Assessment, Computational Finance.

Materials Science

Ceramics, Semiconductor and Allied Materials, Polymers, Bio-Materials.

Mechanical Engineering

Manufacturing Science and Technology, Thermal Science and Engineering, Applied Mechanics, Simulation and Control, Smart Structures, Tribology, Fluid Drives and Control, Condition Monitoring, Industrial Automation and Robotics, Mechatronics, Acoustics and Vibration, Engineering Design.

Metallurgical and Materials Engineering

Physical / Mechanical Metallurgy, Process Metallurgy, Modelling, Ferrous Production & Steel Technology, Advanced Ceramics and Powder Metallurgy, Electronic Materials (processing and characterization), Nano-Materials and Nano-Engineering, Magnetic Materials, Composites & Nano-Composites, Thin Films, Surface Engineering, Corrosion and other areas of Metallurgical and Materials Engineering.

Mining Engineering

Underground Coal and Metalliferous Mining, Surface Mining, Rock Mechanics, Mining Machinery, Environment and Safety, Economics of Mineral Enterprises, Quality Control, Underground Space Design, Mine Planning, Geomatics and Remote Sensing, Petroleum Technology, Mineral Processing.

Ocean Engineering and Naval Architecture

Marine / Ocean Hydrodynamics, Marine/Ocean Structures, Marine Design and Production, Coastal Engineering, Oceanography and Wave Modeling, Offshore Engineering, Port and Harbor Engineering.

Physics and Meteorology

Condensed Matter Physics, Nuclear Physics, Theoretical Physics, Photonics.

Reliability Engineering

Software Reliability, Reliability Design, Probabilistic Risk & Safety Analysis, Failure Analysis of Engineering System, Life Testing and Estimation, RAMS for Maintaining System Reliability Modeling and Analysis.

Rubber Technology

Rubber and Polymer Science and Technology.

Centre for Educational Technology

Instructional System Design, Educational Evaluation & Measurements, Cognition and Learning, Speech Processing, Speaker Recognition, Multimedia Communication, Natural Language Processing, E-Learning, Distributed Learning, Distance Learning Technologies.

School of Information Technology

Information Systems, Software Engineering, Database Technology, Distributed Systems, Internet Technologies, Computer Security, E-commerce, E-learning, Human Computer Interaction, Multimedia Systems, Computer Vision, Image Processing, Mobile Computing, Adhoc and Sensor Networks, Ubiquitous Computing, VLSI Design.

School of Medical Science and Technology

Medical Imaging and Image Processing, Medical Statistics and Pattern Recognition, Medical Biotechnology, Medical Instrumentation, Clinical Research.

Vinod Gupta School of Management

Strategic Management, Human Resource Management, Marketing Management, Financial Management, Systems Management.

Rajiv Gandhi School of Intellectual Property Law

Constitutional Law, Procedural Law, Contract and Business Law, Technology and Business Law, Intellectual Property Law.

Advt. No. R/4/2008

Registrar