



ভাৰতীয় প্ৰযুক্তিবিদ্যা প্ৰতিষ্ঠান গুৱাহাটী
भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

Regular Recruitment Drive for Faculty Positions

Advertisement No. IITG/2026/FA-ADVT/01 dated 31.07.2026

IIT Guwahati invites applications from individuals for faculty positions at the level of **Assistant Professor (Grade I/II)** in various Departments/Schools.

Sl. No.	Department / School	Areas of Specialization	Specific Educational Qualification Requirement
1.	Biosciences and Bioengineering	Bioinformatics, Biostatistics, Biosensor, Bioinstrumentation, Computational Biology	Ph.D. with first class or equivalent in the preceding degree in an appropriate branch with a very good academic record throughout. Must possess: a 4-year Bachelor's degree or a 5- year integrated Master's degree in Biotechnology / Biochemical Engineering / Chemical Engineering / Bioinformatics / Biosciences and Bioengineering, OR 4-year Bachelor's degree in Engineering / Technology, Agricultural Sciences and Pharmaceutical Sciences, OR MBBS and BVSc, OR 5-year integrated M.Tech. degree in Engineering / Technology, OR 5 years integrated MS degree in Biological, Physical, Chemical and Data Sciences, Mathematics, Statistics, OR 3 Years B.Sc. / B.S. degree followed by 2 Years Masters in Biological, Physical, Chemical, and Data Sciences, Mathematics, Statistics.
2.	Chemical Engineering	(i) Process Control in Chemical Engineering. (ii) Artificial Intelligence (AI) & Machine Learning (ML) in Chemical Engineering.	Ph.D. with first class or equivalent in the preceding degree in an appropriate branch with a very good academic record throughout. Must possess Bachelor's degree in Chemical Engineering.
3.	Civil Engineering	1.Construction Engineering and Management	Ph.D. with first class or equivalent in all the preceding degrees with a very good academic record throughout.

		- Analytical and Numerical Modelling in Cementitious Materials, - Construction Contract Management, - Construction Informatics (IoT, AI, Blockchain, Digital Twin), Building Science 2.Environmental Engineering: - Environmental System Design and Modelling, - Wastewater Treatment and Disposal, - Water Treatment and Supply, - Air Pollution Control, - Solid and Hazardous Waste Management, - Environmental Planning and Management 3.Geotechnical Engineering: - Theoretical and Computational Geomechanics, - Offshore Geotechnics 4.Structural Engineering: - Computational Mechanics, - AI/Data-Driven Structural Engineering, - Any other candidate with an exceptional background in the allied areas of Structural engineering. 5.Transportation Systems Engineering: - Network Analysis, - Intelligent Transportation Systems (ITS), - Modelling pavement structures 6.Water Resources Engineering and Management: - Computational & Experimental Hydraulics - Hydro-Climatology - River Basin Management - Urban Hydrology	Must possess a 4-year Bachelor's degree or a 5-year integrated Master's degree in Civil Engineering.
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		• Fluvial Hydrodynamics • Surface Water Hydrology • Groundwater Hydrology • Water Resources Systems • Stochastic Hydrology 7. Earth System Science and Engineering: • Seismology, • Computational Geosciences	
4.	Computer Science and Engineering	All areas of Computer Science and Engineering	Ph.D. with first class or equivalent in the preceding degree in an appropriate branch with a very good academic record throughout. Must possess a 4-year Bachelor's degree or Bachelor's degree and a Master's degree or a 5-year integrated Master's degree in Computer Science / Computer Science and Engineering or any other discipline relevant to the areas of Computer Science and Engineering.
5.	Design	1. Design & Technology • Human Computer Interaction Design / User Experience Design / Augmented Reality & Virtual Reality • Information Design and Data visualization • AI in Design • Smart Products & Systems/ IoT driven Design • Smart Manufacturing in Design / 3D Printing, 3D Scanning/ Material Driven Design • Mobility Design / Automotive Styling 2. Design for Society • Design for Sustainability • Social Innovation • Healthcare Innovation • Design and Craft 3. Design & Business	Ph.D. with first class or equivalent in the preceding degree in an appropriate branch with a very good academic record throughout. Must possess a 4-year Bachelor's degree or 2-year Master's Degree or 5-year integrated Master's degree in Design, Technology, Engineering, Architecture, Management, Fine Arts, Visual Arts, Physiology (Ergonomics).

		• Product-Service-Systems / Service Design • Design Management / Design Strategy / Design Entrepreneurship 4. Communication Design and New Media • Visual Design/ Graphic Design / Film • Animation, Visual Effects, Gaming, and Comics (AVGC) 5. Design Research & Methods • Cognitive Ergonomics • Design Theory and Methodology	
6.	Electronics and Electrical Engineering	All areas of Electronics and Electrical Engineering, preferably • Communication Networks, Wireless and Radar Systems, AI/ML, and Quantum Communications. • Biomedical Signal Processing, Core AI, Reinforcement Learning, Remote Sensing, NLP, Image Processing. • Robotics, Data-driven Control, Control Theory and Applications. • Analog, Digital, Mixed Signal, RF Circuit Design, IC Packaging and Manufacturing, Testing and Fabrication of Nano, Power, Compound Semiconductor Devices, Semiconductor Process Engineering, Quantum Technologies. • Electrical Machines and Drives, Power Electronics, Power Systems and High Voltage. • Silicon Photonics, Optical Communication, Nanophotonics, Metamaterials, RF/Microwave, Terahertz Photonic Devices.	Ph.D. with first class or equivalent in the preceding degree in an appropriate branch with a very good academic record throughout. Must possess a 4-year Bachelor's degree or a 5-year integrated Master's degree in Electrical Engineering / Electronics Engineering / Instrumentation Engineering / Communication Engineering / Telecommunication Engineering, including related sub-disciplines.
7.	Mechanical Engineering	Fluid and Thermal: • Multiphase Flows for Thermal Management.	Ph.D. with First Class or equivalent in the preceding degree in an appropriate

		• Turbulent Flows and Climate Modelling. Manufacturing: • Industrial Engineering and Operations Research. • Manufacturing Automation and Control. Machine Design: • Experimental Mechanics. • Multifunctional Materials and Materials by Design.	branch with a very good academic record throughout. Must possess a 4-year Bachelor's degree or a 5-year integrated Master's degree in Mechanical Engineering.
8.	Chemistry	All areas of Experimental Inorganic and Organic Chemistry	Ph.D. with first class or equivalent in the preceding degree in appropriate branch with a very good academic record throughout. Must possess a Bachelor's degree and a Master's degree or a 5-year integrated-Master's degree in Chemistry / Chemical Science and Technology.
9.	Humanities and Social Science	Archaeology: Prehistoric Archaeology, Historical Archaeology and Sciences in Archaeology. Development Studies: Population Studies, Urban Studies, Labour Studies, Ecology and Development, Rural Development, Gender and Development, Social Exclusion Studies Economics: Microeconometrics, Time Series econometrics, Financial econometrics, Macroeconomics and Growth Economics, Behavioural Economics, International Trade, Corporate Finance, Machine learning and economics English: Modern South Asian Literary Studies; Indian Comparative Literature; Global Literary Modernisms; Digital Humanities; Pre-modern global literature and culture. History: Labour History, Gender History	Ph.D. in the relevant advertised areas with first class or equivalent in the preceding degree in an appropriate branch with a very good academic record throughout.

		Linguistics: Syntax, semantics, psycholinguistics, neurolinguistics, computational linguistics Philosophy: logic, political philosophy, ethics, Indian philosophy, and Continental philosophy. Political Science: International Relations, Indian Politics & Comparative Politics, Political Theory. Psychology: Social Psychology and Cognitive psychology Sociology: All areas Candidates specializing in Indigenous Knowledge and Communities with emphasis on History of Indian Science, Mathematics and Astronomy, History and Development of Indian Philosophical thought, History and Development of Indian Musical traditions, Indian Archaeology, Indian Aesthetics thought, Tarka and Vada in Indian traditions, Vyakarana and Indian Linguistics are encouraged to apply.	
10.	Mathematics	Machine Learning, Deep Learning, Artificial Intelligence, Data Science	Ph.D. Degree in Data Science/ Artificial Intelligence/ Computer Science & Engineering; M.Tech. in Data Science/ Artificial Intelligence/ Computer Science & Engineering/ Mathematics & Computing; B.Tech. in Data Science/ Artificial Intelligence/ Computer Science & Engineering/ Mathematics & Computing.
		Statistics, Mathematical Finance	Ph.D. Degree in Statistics/ Mathematics; Master's Degree in Statistics; Bachelor's Degree in Statistics.
		Machine Learning/ Deep Learning in Optimization/ Operations Research	Ph.D. Degree in Mathematics/ Statistics; Master's Degree in Mathematics/ Mathematics & Computing/ Statistics/ Optimization/ Operations Research/ Industrial Mathematics; Bachelor's Degree in Mathematics/ Mathematics & Computing/ Statistics.
		Algebraic Geometry, Partial Differential Equations	Ph.D. Degree in Mathematics; Master's Degree in Mathematics/ Mathematics & Computing; Bachelor's Degree in Mathematics/ Mathematics & Computing.

11.	Physics	Gravity, Astrophysics, and Cosmology: Numerical relativistic astrophysics and numerical cosmology. High Energy Physics: Experimental Collider Physics at the Energy Frontier; High Energy Physics Phenomenology: Effective Field Theory, Precision studies, high energy Astro-particle Physics. Condensed Matter Physics Theory: Symmetry guided, first-principles based prediction, engineering, and modeling of unconventional magnetism for quantum technology. Quantum Optics and Quantum Technology: Quantum Sensing, Metrology and Applied Quantum AI; Experimental Circuit QED; Quantum Internet and Quantum Communications Laser and Photonics: Optical communication, Silicon photonics, Terahertz Photonics, Fiber optics and sensors, Intense laser physics, Biomedical optics and Biophotonics, Non linear optics.	Ph.D. degree in Physics in the advertised area of specialization with first class or equivalent in the preceding degree in an appropriate branch with a very good academic record throughout. Must possess a Bachelor's degree and a Master's degree or a 5-year integrated Master's degree in Physics / Applied Physics / Engineering Physics.
12.	School of Business	Marketing Management, Management Information System	Ph.D. degree in Management with first class or equivalent in the preceding degree in an appropriate branch with a very good academic record throughout.
13.	Mehta Family School of Data Science and Artificial Intelligence	Natural Language Processing (NLP), Generative AI (GenAI), AI in Internet of Things (AIoT), Information Systems and Security, Data Mining, Machine Learning, Human-AI Interaction, Computer Systems and Networking, AI in Robotics, Agentic AI, Big Data Analytics, Cloud Computing, Neuromorphic Computing, AI in FinTech and High Frequency Trading, AI in Wireless Networks, AI in Speech and Language Technologies, Computer Vision, Trustworthy AI; and other emerging areas.	Ph.D. in Engineering/Science (on a topic with relevance to Data Science and AI) with first class or equivalent in the preceding degree in an appropriate branch and with a very good academic record throughout. Must possess a 4-year Bachelor's degree or a 5-year integrated Master's degree in one of the following domains: 1. Data Science and/or AI. 2. Mathematics 3. Statistics 4. Computer Science and Engineering 5. Electronics and Communication Engineering/Electronics and Electrical Engineering.

14.	School of Energy Science and Engineering	Control system and automation for renewable energy systems (RES) for its integration with grid and storage system; On grid or off grid system for solar photovoltaic, wind and other RES; Intelligent energy management and optimization; Flexible electronics for energy engineering applications; Electrocatalysis and/or photoelectrocatalysis for energy engineering applications; Carbon capture and storage for energy engineering applications; Hybrid energy storage systems; Sustainable Buildings.	Ph.D. with first class or equivalent in the preceding degree with a very good academic record throughout. Must possess a Bachelor's degree or a 5-year integrated Master's degree in Energy Engineering / Mechanical Engineering / Electrical Engineering / Electronics Engineering / Chemical Engineering
15.	Jyoti and Bhupat Mehta School of Health Sciences and Technology	• Computational Biology • Computational Neuroscience • Stem Cell Biology • Regenerative Medicine • Cell and Molecular Biology • Immunology • Microbiology • Host–Pathogen Interactions • Embedded System • ASIC related to Medical Devices • Biomedical Control System • Brain-Computer Interfaces • Human computer interface • Transport Phenomena in Biological Systems • Drug Delivery • Any domain of healthcare research (only for candidates with MBBS and PhD degrees)	Ph.D. with first class or equivalent in the preceding degree with very good academic record throughout. Must possess a 4-year Bachelor's degree in Engineering/Biotechnology or 4 years BS Programme or 5-year integrated Master's degree in Engineering OR BS (4 years)/MS (5 years) Physics/Maths/Biological Sciences OR B.Pharm OR MBBS
Minimum Qualifications			
Ph.D. with first class or equivalent in the preceding degree in an appropriate branch with a very good academic record throughout.			

Experience
Assistant Professor Grade II (7 th CPC Pay level 10 & 11): Candidates with less than three years of post-Ph.D. teaching/research/industrial experience may be considered for this post.
Assistant Professor Grade I (7 th CPC Pay level 12): Candidates with at least 3 years of post-PhD teaching/research/ industrial experience may be considered for this post.

Other Information
1. Pay and allowances will be as per the Government of India rules. 2. The Institute follows reservation in direct recruitment as per the provisions of the Central Educational Institutes (reservation in Teacher's cadre) Act. 2019. 3. Candidates should preferably be below 35 years of age as on the date of advertisement. However, age relaxation for SC/ST/OBC-NCL/PwBD candidates is applicable as per the Government of India norms. Age relaxation in the upper age limit in case of SC/ST = 5 years, OBC-NCL = 3 years, and PwBD = 5 years (10 years for SC/ST and 8 years for OBC-NCL candidates). Candidates must upload their valid SC/ST/OBC-NCL/EWS/PwBD certificates issued by the appropriate authority in the prescribed format of Government of India, along with the application. Original certificates will be verified during the interview. 4. Degrees obtained by the candidate must be from a recognized University/Institute. 5. Candidates working in Government / Semi-Government Organizations or Educational Institutions must provide a No Objection Certificate (NoC) while applying or produce an NoC at the time of the Interview. 6. Candidates may apply for a position in more than one Department/School, but separate applications must be submitted for each Department/School. 7. All the required certificates and documents should be uploaded along with the application form. Incomplete applications (without relevant data/certificates/documents) may not be considered for shortlisting. 8. The Institute reserves the right to call only those candidates for interview who will be shortlisted on the basis of their qualifications, experience, and requirements of the concerned Department/School. Mere eligibility will not vest any right on any candidate for being called for an interview. The decision of the Institute in all such matters will be final. 9. No correspondence whatsoever will be entertained from the candidates regarding the reason for not being called for the interview and / outcome of the interview. 10. The candidates will be responsible for the correctness of the information given by them while applying for the posts. In case of submission of any incorrect information by them, their candidature/appointment may be cancelled/ withdrawn at any point of time. 11. Canvassing in any manner may entail the disqualification of the candidature. 12. The Institute reserves the right to withdraw any or all the posts advertised. 13. To be familiar with the Institute and for an overview, please visit the IIT Guwahati website at www.iitg.ac.in.
Mode of Application and Last Date
1. Please submit an online application through the link https://online.iitg.ac.in/faonline/ Hardcopy (offline) of the application is not accepted. 2. For any correspondence related to their applications, the candidates may please email to rec@iitg.ac.in or contact: Head of the Section Faculty Affairs Section Indian Institute of Technology Guwahati Guwahati – 781039, Assam, India Telephone: +91-361-258 2979 / 2059 3. Last date of submission of Applications is 31.08.2026. 4. Amendments/changes, if any, in the advertisement will be published only on the Institute website https://www.iitg.ac.in