Advertisement No. IITJMU/Faculty/01/2025

IIT Jammu invites applications from energetic meritorious qualified Indian Nationals, Persons of Indian Origins (PIOs), Overseas Citizens of India (OCIs) and Foreign Nationals having passion for teaching and research for the following faculty positions at the level of **Professor**, **Associate Professor, Assistant Professor, and Visiting Professor (contract and deputation), Retired Professors (on contract)**, for its various academic programs in different disciplines.

Table- I

Post	Scale of Pay
Professor	Academic Pay Level 14 A (Rs. 159100-220200) with minimum basic pay of Rs. 159100/- per month
Associate Professor	Academic Pay Level 13A2 (Rs. 139600-211300) with minimum basic pay of Rs.1,39,600/- per month
**Assistant Professor Grade -I	Academic Pay Level 12 (Rs. 101500-167400) with minimum basic pay of Rs. 1,01,500/- per month
*Assistant Professor Grade -II	At entry level, may be placed in Academic Pay level 10 (Rs. 57700- 98200) with minimum basic pay of Rs. 70900/- per month and shall be moved to Academic Level 11 after completion of one year post Ph.D experience.

**On completion of three years of service as Assistant Professor Grade I with academic level 12, would be eligible for movement to Academic Level 13A I (Rs. 131400-204700) with a basic pay of Rs. 1,31,400, - per month subject to satisfactory performance and on the recommendations of an Assessment Committee.

*On completion of minimum experience requirement and satisfactory performance in teaching and research and on the recommendations of an Assessment Committee, Assistant Professor Grade -II may be moved to Assistant Professor Grade I in Academic Level 12.

Table- II

Post	Scale of Pay
Visiting Professor (contract or on deputation), Retired Professors (on contract) from CFTIs	IIT Jammu shall be able to provide the best possible remunerations and support as per the regulations of the Institute.

HRA and other allowances will be as per the Central Government Rules. Pay Scale, Pay Level is as per 7th Central Pay Commission (CPC) as adopted by IIT Jammu.

Essential Qualifications Required For Positions Listed In Table I & II: -

Ph.D. in a relevant area with first class or equivalent in the preceding degrees with throughout consistently good academic record.

Experience:-

- **Professor**: Minimum ten years Teaching, Research, Industrial experience of which at least four years should be at the level of Associate Professor in IITs or in similar institutes of national importance or at an equivalent level in any other Indian or foreign institutions of comparable standards as may be so decided by the Institute. The candidate should have demonstrated leadership in research in a specific area of specialization in terms of guidance of Ph.D. students, strong record of publications in reputed journals and conferences, patents, laboratory, course development, sponsored research projects and, or other recognized professional activities.

- **Associate Professor**: A minimum of six years Teaching, Industry, Research experience, of which at least three years should be at the level of Assistant Professor in an academic institution. The candidate should have demonstrated adequate experience of independent research in terms of guidance of M.Tech and Ph.D. students, strong record of publications in reputed journals, patents, laboratory, course development, sponsored research projects and , or other recognized relevant professional activities.

- **Assistant Professor Grade-I**: A minimum of 3 years relevant industrial, research, teaching experience, excluding however, the experience gained while pursing Ph.D. Applicant should have demonstrated research capabilities in terms of publications in reputed journals. Applicants preferably should be below 35 years of age.

- **Assistant Professor Grade II:** Applicants satisfying all criteria other than the post Ph.D. experience criteria for Assistant Professor Grade I , may be appointed as Assistant Professor Grade II with appropriate pay based on post- doctoral experience.

- **Visiting Professor (contract or on deputation), Retired Professors (on contract):** Individuals working or retired from CFTIs may be appointed on contract or on deputation as applicable. The applicant is expected to have proven teaching, research and leadership record. Retired Professors from other CFTIs shall be expected to provide enthusiastic mentorship to young faculty and staff members in policy formulation and also for adoption of best practices.

Qualified Persons include: -

(a)   Indian Nationals (Institute specifically encourages applicants from SC, ST, OBC category as well as persons with disability to apply for these positions),

(b)   Foreign Nationals, who are "Persons of Indian Origin" (PIO) or Overseas Citizens of India (OCI); in whose case, if selected, permission will be sought from the Govt. of India before she or he can join IIT Jammu.

(c)   Other Foreign Nationals (not covered in (b)), in whose case, if selected, appointment will be on a contract basis for up to 5 years subject to permission from the Govt. of India before she or he can join IIT Jammu.

Disciplines: -

IIT Jammu would like to invest in people having experience in core as well as interdisciplinary domains with strong hands-on experience with an emphasis on emerging areas of experiential and project-based learning leading to translational research.

Applications are invited from qualified and motivated candidates in the following academic disciplines for the posts listed in Table-I & II. *The areas mentioned against each discipline are only indicative and not exhaustive. The Institute is open to receiving applications from the outstanding candidates with specialization 'other' than the listed below.*

Biosciences and Bioengineering	Medical Devices
	Biomedical Instrumentation and Bioelectronics
	Machine Learning and Data Science Application in Healthcare
	Structural Biology
	Neurobiology
	3D Bioprinting, Prosthetics, Bioinspired Engineering
Chemical Engineering	Process Dynamics, Modelling and Control
	Food Technology
	AI in Chemical Engineering
	Biochemical Engineering
Chemistry	Pharmaceutical Chemistry
	Organic: Total Synthesis, Natural Products, Medicinal Chemistry, Carbohydrate Chemistry
	Physical: Electrochemistry, Polymer Chemistry, Ultrafast Spectroscopy, Biophysical
	Inorganic: Solid State Chemistry, Supramolecular Chemistry
Civil Engineering	Environmental Engineering: Solid Waste Management, Air Pollution
	Construction Management, Concrete Technology
	Transportation Engineering: Maritime Transport, Pavement Maintenance and Management, Freight, Logistics and Transportation Economics
	Geotechnical Engineering: Soil Dynamics, Computational Geo techniques, Unsaturated Soil Mechanics
	Structures: All Sub Areas Including Fire Resistance and Fire Safety
Computer Science and Engineering	Software Engineering
	Programming Languages
	Operating System and Networking
	AI and Robotics
	Computer Graphics and Vision
Electrical Engineering	Power Electronics and Drives

	Signal Processing & Artificial Intelligence
	Instrumentation
	Smart Grids
	Renewable Energy
	High Voltage
	Computer Networks
	Embedded Systems
	Autonomous Electric Vehicles
	Robotics
	Power Systems
	Cyber security
Materials Engineering	Metal Extraction & Recycling
	Material Degradation, Corrosion and Recycling
	Computational Materials
	Energy, Functional, Composite Materials
	Electronic Materials, Semiconductor Devices, Quantum Materials and devices
Mathematics	Theoretical Computer Science
	Probability and Statistics
	Analysis
	Numerical Analysis
	Differential Equations
	Optimization Techniques
	Number Theory
	Algebra
	Combinatorics and Finite Geometry
	Geometry and Topology
	Cryptography
Mechanical Engineering	Design: Mechanics, Robotics (Kinematics & Dynamics), AI Applications in Design, Vehicle Dynamics, Optimization, CAD
	Thermal Engineering: Turbomachinery (Computational), HVAC (Experimental), Meshless Methods
	Manufacturing: Metal Forming, Precision Manufacturing, Microengineering, Robotics and Manufacturing Automation, AI and IoT Applications in Manufacturing, Smart Manufacturing, Advanced Materials and Manufacturing, Green Manufacturing, Industry 4.0
Physics	Quantum Information
	VLSI
	Microelectronics
	Terahertz Spectroscopy
	Electron Transport Phenomena
	Biophysics
HSS	Sociology- Sociology of Economy, Urban, Rural Sociology or Any Field of Social Sciences, Culture, Gender, Industrial Sociology
	History - History of Science, World History, Indian History
	Linguistics - Formal Linguistics, Syntax, Semiotics
Interdisciplinary	Artificial Intelligence

Programs (IDP)	Microengineering
	Security and Privacy
	Smart Manufacturing
	Critical Thinking
	Entrepreneurship

Other Supports For Professional Advancements of Faculty Applicable For The Posts Mentioned In Table-I: -

- Start-up seed grant of up to Rs.30,00,000/- (Rupees Thirty lakhs only) to develop the necessary research capability in the area of individual expertise and to support the significant progress made towards the research goals set for oneself. The Institute also provides an additional grant of Rs. 30,00,000/- (Rupees thirty lakhs only) as matching grant to build new capability, high-value research facilities into emerging areas *via* special project funding from external agencies. These are to be availed within 3 years of joining. The strategic goal of this fund is to aim for winning bigger projects.

- A cumulative Professional Development Allowance of Rs. 3,00,000/- (Rupees Three lakhs only) for every block period of 3 years is available to every member of the faculty to meet the expenses for participating in both National and International Conferences, paying the membership fee of various professional bodies, books and periodicals and contingent expenses.

- Medical Coverage: Members of the faculty and their dependent family members, may use facilities and services available in its on-campus dispensary. In addition to the Medical Care facilities provided in the institute dispensary, the patients whenever required are referred to other dispensaries and empaneled hospitals in and around Jammu. The expenses incurred on such treatment are reimbursed as per Institute rules.

- Leave Travel Concession: As with other Government employees, members of the faculty are entitled to "Leave Travel Concession" as per GOI norms.

- Reimbursement of telephone bills as per Institute rules.

- There is provision for payment of relocation allowance to faculty joining the Institute from abroad or from elsewhere in India as per Institute rules, details of which are available on the Institute website. Tickets should be booked by only three governments authorized travel agents viz. M, s Balmer Lawrie & Company Limited, M, s Ashok Travels & Tours Limited and Indian Railways Catering and Tourism Corporation. Ltd.

Important Information: -

- ➤ This is a rolling advertisement, and there is no closing date. Applications will be processed in two cycles each year, e.g., January to June and July to December.
- ➤ Applicants may apply to more than one discipline.

- ➢ The Government of India's policy on the reservation of faculty positions, including provisions for persons with disabilities, will be applicable.
- ➢ The minimum qualifications and/or experience requirements may be relaxed for exceptionally outstanding candidates in certain areas.
- ➢ Mere fulfillment of the minimum qualifications and experience does not guarantee an invitation for a presentation/interview.
- ➢ The institute reserves the right to limit the number of candidates interviewed based on qualifications and experience.
- ➢ The institute reserves the right to fill or not fill positions in any of the mentioned or other specializations.
- ➢ The institute may set different or higher criteria for shortlisting (Stage 1), considering the specific requirements of each discipline. Applicants may also be asked to submit an audio-visual presentation of their research as part of the shortlisting process.
- ➢ Only shortlisted applicants will be contacted via the email addresses provided in their application forms. Once shortlisted and invited for presentation (Stage 2), the institute expects an articulate presentation covering chosen areas of research and core subjects in undergraduate and postgraduate teaching. Applicants who pass Stage 2 will be invited for an interview (Stage 3) on the same or the subsequent day.
- ➢ Applicants are responsible for the accuracy of the information provided in their applications. If any information is later found to be incorrect or false, the candidature or appointment may be canceled or terminated.
- ➢ No correspondence will be entertained regarding the reasons for not being called for presentation or interview, the outcomes of interviews, or any postal delays.
- ➢ Applicants abroad who are unable to attend in person may be allowed to present via video conference for Stage 2. If they pass Stage 2, Stage 3 (only in person) may be deferred until the next round of interviews (if conducted), allowing for a personal interview.
- ➢ Depending on qualifications and experience, a higher starting salary may be offered in deserving cases.
- ➢ Applicants with overlapping interests in more than one department may be considered for joint-appointment, if selected.
- ➢ Applicants invited for presentation or interview will be reimbursed AC 2-Tier train fare, economy class airfare, or actual expenses for taxi travel (from the airport, railway station, or ISBT and back) from their place of residence or work, following the shortest route within India. Tickets must be booked through one of three government-authorized travel agents: M/s Balmer Lawrie & Company Limited, M/s Ashok Travels & Tours Limited, or Indian Railways Catering and Tourism Corporation Ltd.
- ➢ Individuals employed in government, semi-government organizations, or educational institutions must apply through the proper channel or provide a No Objection Certificate at the time of application or presentation/interview.

IT Jammu makes every attempt to help faculty members settle in their academic role and to grow professionally.

Accommodation: - The new campus, situated at a scenic location at Jagti on NH-44 in a green and healthy environment is fully functional and all efforts shall be made to facilitate on campus faculty accommodation for those who wish to stay.

HOW TO APPLY: The application will **only be received** through the online portal

https:apply.iitjammu.ac.in

No hardcopy or email of the submission shall be required.

For any queries regarding Online submission, please write to:
faculty.recruitment@iitjammu.ac.in

ADDRESS FOR CORRESPONDENCE:

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