

Standing Rolling Advertisement No. IITJMU/Faculty/01/2022

Date: 10th Jan 2022

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.

This is a rolling advertisement and there is no last date. Usually all the applications will be processed as soon as they are submitted at the portal.

Table- I

Post	Pay Level
Professor	Rs.1,59,100 – 2,20,200/- (minimum pay of Rs.1,59,100/-) in Academic Level 14A
Associate Professor	Minimum Basic Pay: Rs.139600/- (Academic Pay Level 13A2 and Cell 1 of the Pay Matrix of 7 th Pay Commission) per month
Assistant Professor	Minimum Basic Pay Rs. 70900 to Rs.101500/- (Academic Pay Level 10-12 of the Pay matrix of 7 th Pay Commission) per month

Table- II

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 for such faculty members as per the regulations of the Institute.
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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.

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 he/she can join IIT.
- (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 he/she can join IIT.
- (d) 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. The applicant is expected to have proven teaching, research and leadership record.

DISCIPLINES:

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

1. **CHEMICAL ENGG.**: All areas of Chemical Engineering.
2. **CHEMISTRY**: Physical and Materials Chemistry and related areas.
3. **CIVIL ENGG.**: **Environmental**: Water and Waste Water Engg., Air Pollution Control Engg., Solid and Hazardous Waste Engg., **Geotechnical**: Geotechnical Engg., Rock Mechanics, Rock Engg., Geomatics, Engineering Geology **Structures**: Structural Engg., Construction Materials, Construction Management, **Transportation**: Transportation and Traffic Planning, Transportation and Traffic Engg., Pavement Engg., **Water Resources**: Water Resources Engg. and Related Areas. Construction Management.
4. **COMPUTER SCIENCE & ENGG.**: High Performance Computing and Visualization, Machine Learning and Artificial Intelligence, Mobile Computing and Machine-to-Machine(IOT), Algorithms & Complexity, Logic & Verification, Information Management, Data Science & Big Data, Computer Vision, Graphics & Robotics, Programming Languages, Semantics, Analysis & Language Implementation, Distributed & Multicore Computing, Operating Systems and Cloud Computing, Cryptography and Systems Information Security, Human Computer Interaction, Embedded Systems, Computer Architecture, VLSI and Design Automation. Theoretical Computer Science.
5. **ELECTRICAL ENGG.**: Control & Automation, Power Systems, Power Electronics, Machines & Drives, High Voltage Engineering, VLSI Designs, Embedded systems
6. **HUMANITIES & SOCIAL SCIENCES**: Economics, Linguistics, Psychology, Sociology.
7. **MATERIAL SCIENCE & ENGG.**: All current and emerging areas of Materials Engineering.

8. **MATHEMATICS**: All areas of Pure and Applied Mathematics, Theoretical Computer Science, Probability and Statistics.
9. **MECHANICAL ENGG.**: Mechanical Design, Production Engg., Industrial Engg. & Thermal Engg. Design Engineering, Solid Mechanics, Fluid Mechanics and interdisciplinary areas of Mechanics including but not restricted to Biomechanics, Multifunctional materials, Solid – Fluid interaction.
10. **PHYSICS**: All Areas of Physics.
11. **BIOSCIENCES AND BIOENGINEERING**: (1) Tissue Engineering, biomaterials, and regenerative medicine (Experiment) (2) Drug delivery and drug design (computation and/or experiment) (3) High altitude biology (Experiment) (4) Genetics with experience in Next Generation Sequencing (Experiments) (5) Industrial and clinical microbiology (Experiment).

ESSENTIAL QUALIFICATIONS REQUIRED FOR POSITIONS LISTED IN TABLE I & II:

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

Experience:

- **Professor**: Minimum 10 years Teaching/Research/Industrial experience of which at least 4 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 /institutions of comparable standards.
- **Associate Professor**: A minimum of 6 years Teaching/Industry/Research experience, of which at least three years should be at the level of Assistant Professor (Senior Scientific Officer/Senior Design Engineer).
- **Assistant Professor**: At least 3 years relevant industrial/research/teaching experience, excluding however, the experience gained while pursuing Ph.D. Exceptional candidates having Post PhD experience less than 3 years shall be considered for a faculty position . Candidates preferably should be below 35 years of age.
- **Visiting Professor/ Retired Professors (on contract)**: Retired Professors from CFTI may also apply. IIT Jammu shall be able to provide the best possible remunerations and support for such faculty members as per the regulations of the Institute.

THE FOLLOWING ARE APPLICABLE FOR THE POSTS MENTIONED IN TABLE-I:

1. Start-up seed grant of up to Rs.30.00 lakhs to develop the necessary research capability in the area of his/her 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 lakh 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.

2. A cumulative Professional Development Allowance of Rs. 3 lakhs 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.
3. Reimbursement of telephone bills as per Institute rules.
4. 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

NOTES:

- **The areas mentioned above against each Discipline are only indicative and not exhaustive.** Institute would encourage overlapping areas in multi disciplines. The Institute is open to receiving applications from candidates with specialization in these and other related areas.
- Government of India policy on reservation of faculty positions as applicable to IITs, including that for persons with disability, will apply.
- The minimum requirement of qualifications and/or experience may be relaxed in respect of exceptionally outstanding candidates in certain areas.
- Mere fulfillment of required minimum qualifications and experience does not entitle a candidate to be called for an interview/discussion.
- Once shortlisted and called for presentation, the Institute would expect an articulated presentation in chosen areas of research and core subject topics in UG and PG teaching.
- The Institute reserves the right to fill or not to fill the posts advertised.
- No correspondence whatsoever will be entertained from the candidates regarding postal delays, conduct and result of the interview, and reasons for not being called for interview or selection.
- Depending upon the qualification and experience, a higher start/salary may be ordered in deserving cases.
- Candidates having overlapping interests in more than one Department can be considered for joint appointment if selected.
- The candidates called for presentation and/or interview will be paid AC 2-Tier by Train/Economy Class by Air or actual expenditure and AC Taxi by road(from Airport/Railway Station/ISBT and back) fare from their place of residence/work and back by the shortest route within India.
- Persons employed in Government/Semi-Government Organization or Educational Institutions must apply through proper channel OR shall provide No Objection Certificate while applying or at the time of presentation/interview.

IIT Jammu makes every attempt to help faculty members settle in their academic role and to grow professionally. Further details are available at <http://www.iitjammu.ac.in/>

ACCOMMODATION: Our new campus (Phase 1 of IIT Jammu) is at an advanced stage of construction and all efforts shall be made to facilitate on campus faculty accommodation those who wish to stay on campus. The campus is under development at scenic location at Jagti on NH 44 in a forest and healthy environment for the residents.

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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