



Indian Institute of Technology Indore
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IITI/Fac.Recuit./Asst.Asso Prof./April/2017/02

April 28, 2017

Advertisement for Recruitment of
Professor, Associate Professor, Assistant Professor, Assistant Professor (on contract)

IIT Indore invites applications from outstanding, highly-motivated Indian nationals (and those of Indian origin / holding PIO cards) for faculty positions at different levels in the Disciplines, School and Centres as shown below:

Table 1: Preferred areas of specializations

Discipline / School / Centre	Post	Area of Specialization
Civil Engineering	Associate Professor, Assistant Professor, Assistant Professor (on contract)	Water supply and Waste Water Engineering Geodesy, Geoinformatics, Geotechnical Engineering, Geology, Transportation Engineering, Hydrology/ Water Resource Engineering and Structural Engineering
Computer Science and Engineering	Associate Professor	Consumer Electronics, ASIC and CAD for VLSI, Network Security, System Security
	Assistant Professor, Assistant Professor (on contract)	All areas of CSE but particularly in Languages, Compilers, Runtime Systems, Theory of Computation, Security and Privacy
Electrical Engineering	Professor	Nanoelectronics, Communication, Signal Processing
	Associate Professor	Nanoelectronics, Biophotonics, Instrumentation
	Assistant Professor, Assistant Professor (on contract)	Power System and Power Electronics, Communication and Signal Processing, Microwave and Antenna Theory, Control System
Mechanical Engineering	Professor	Design Engineering: Noise Vibration and Condition Monitoring
	Associate Professor	Surface Coating, Tribology, IC Engines
	Assistant Professor, Assistant Professor (on contract)	All areas of Manufacturing Engineering and Industrial Engineering

Metallurgy Engineering and Materials Science (MEMS)	Associate Professor Assistant Professor Assistant Professor (on contract)	Phase Transformation and Alloy Development, Extractive Metallurgy, Powder Metallurgy, Physical Metallurgy, Ferrous and Non-ferrous Metallurgy, Welding Metallurgy, Steel and Iron Making, Foundry Engineering, Forming Technology, Corrosion Engineering; Composites, Ceramics, Surface Paints and Coating, Tribology, Rubber Technology, Plastic Processing, Energy Materials
Chemistry	Professor	Organic, Inorganic Chemistry
	Associate Professor	Organic Chemistry, Nano Chemistry, Theoretical Chemistry, Organometallics
Mathematics	Associate Professor	Wavelet Analysis, Commutative Algebra, Harmonic Analysis
	Assistant Professor Assistant Professor (on contract)	Statistics and Probability, Numerical Analysis, Algebra, Differential Equations, Cryptography Optimisation, Machine Learning, Solid and Fluid Mechanics, Graph Theory and Network, Bio-Mathematics, Mathematical Modelling
Physics	Professor	Theoretical and Experimental Physics
Center of Astronomy	Associate Professor Assistant Professor Assistant Professor (on contract)	All areas of Astronomy/ Astrophysics
Center of Biosciences and Biomedical Engineering (BSBE)	Associate Professor	Biophotonics, Bionanotechnology, Molecular Virology, Immunology
	Assistant Professor Assistant Professor (on contract)	Biomedical Engineering, Tissue Engineering, Pharmaceutical Engineering, Computational Biology, Biophysics, Biochemistry, Drug Delivery, Genetic Engineering
School of Humanities and Social Sciences (HSS)	Associate Professor	Sociology, English, Psychology
	Assistant Professor Assistant Professor (on contract)	Economics, English, Sociology, Psychology, Philosophy, Foreign Languages, History

(A) QUALIFICATIONS AND EXPERIENCE:

Professor: An eminent scholar with Ph.D. degree in relevant areas of specializations with a very good academic record throughout with minimum **ten years of Post-PhD** research, teaching or industrial experience, of which at least **four years** should be at the level of Associate Professor in an IIT, IISc Bangalore, IISER, IIM, NITIE Mumbai or in any such Indian or foreign institutions of comparable standards as ascertained by IIT Indore. The candidate should have demonstrated leadership in research in a specific area of specialization in terms of guidance of PhD students, very good quality research output in terms of patents, authored/edited books, publications in high impact factor journals, conference proceedings. He/she is expected to have experience of having undertaken work on laboratory/course development, academic initiatives such as GIAN course, UAY and IMPRINT schemes and hosted other internationally acclaimed academicians, organised meetings and conferences in his/her area of specialisation and of having, in general, acquired the status of a nationally recognised expert, as is expected of a Professor in any leading institution of the country.

Associate Professor: Ph.D. degree in relevant areas of specializations with a very good academic record and being active in research as evidenced by high impact publications. He/ she should have **at least six years of post-PhD experience** in teaching / industry / research, of which **at least three years** of experience should be at the level of Assistant Professor / Senior Scientific Officer / Senior Design Engineer, or equivalent.

Assistant Professor: Ph.D. in relevant areas of specializations and with a very good academic and research record and at least **three years of post-PhD** Research/Teaching/Industry experience. Candidates not satisfying the required post-PhD experience criterion for direct recruitment as Assistant Professor may be put on tenure track as Assistant Professor (on-contract).

(B) PAY STRUCTURE:

Professor: Minimum pay of Rs 48,000/- in Pay Band-4 (Rs 37,400 - 67,000) with Academic Grade Pay of Rs 10,500/- p.m. The total emoluments in the minimum of pay in pay band will be Rs 1,57,312/- p.m.

Associate Professor: To be appointed in Pay Band-4 (Rs 37,400 - 67,000) with Academic Grade Pay of Rs 9,500/- p.m. For direct recruits, minimum pay in the Pay Band-4 will be fixed at Rs 42,800/- p.m. The total emoluments in the minimum of pay in pay band will be Rs 1,41,440/- p.m.

Assistant Professor: Minimum pay of Rs 30,000/- in Pay Band-3 (Rs 15,600 - 39,100) with Academic Grade Pay of Rs 8,000/- p.m. The total emoluments in the minimum of pay in pay band is Rs 1,04,832/- p.m. On completion of three years of service, an Assistant Professor shall move to Pay Band-4 (Rs 37,400 - 67,000) with Academic Grade Pay of Rs 9,000/- p.m. and the total emolument in the minimum of pay in pay band will be Rs 1,26,336/- p.m.

Assistant Professor (On-Contract): To be appointed in Pay Band-3 (Rs 15,600-39,100) with minimum starting pay of Rs 26,620/- and Academic Grade Pay of Rs 6,000/- p.m. The total emolument in the minimum of pay in pay band is Rs 91,059/- p.m. After one year of service, the incumbent will move to Academic Grade Pay of Rs 7,000/- p.m. in PB-3 and the total emoluments in the minimum of pay in pay band will be Rs 93,619/- p.m.

(C) GENERAL INFORMATION:

In addition to incentives which are a part of the pay package according to 6th Pay Commission norms, the following apply:

- The Institute provides a Cumulative Professional Development Allowance (CPDA) of Rs 3 Lakhs for every block period of 3 years, for presenting papers at conferences and towards membership fee of professional bodies and contingency expenditure.
- Reimbursement of relocation charges of up to Rs 1.0 Lakhs for joining faculty members from abroad for reimbursement of air fare for self and spouse and cost of transportation of goods. Reimbursement of up to Rs 75,000/for self and family and transport of goods for faculty members joining from within India.

(D) GENERAL INSTRUCTIONS:

1. **Age limit:** Preferably below 35 years for Assistant Professor; below 45 years for Associate Professor and below 50 for Professor. Age relaxation to reserved category candidates will be applicable as per Government of India rules.
2. The requirements of minimum educational qualification/experience may be relaxed in the case of candidates with outstanding credentials evidenced by excellent publication record, research experience, etc.
3. Separate applications must be filled if a candidate is applying for a position in more than one Discipline/Centre with different emails.
4. Mere fulfilling eligibility will not entitle any candidate for being called for interview.
5. The Institute reserves the right to withdraw any advertised post(s) at any time without assigning any reason.
6. If a candidate is not found suitable for the post applied may be considered for lower post.
7. Candidates called for interview will be reimbursed apex air fare by Economy class from the place of their residence and back by the shortest route, preferably by Air India.
8. No correspondence whatsoever will be entertained from candidates regarding conduct and result of interview and reasons for not being called for interview.
9. Persons employed in Government/Semi Government Organization, Autonomous bodies or Educational Institutions must apply through proper channel **OR** shall provide **No Objection Certificate** at the time of Interview.
10. Eligibility criteria will be reckoned as on **October 31, 2017**.
11. *Review of applications will begin immediately. This is a rolling advertisement and there is a continuous evaluation of applications with formal selection interviews being held at regular intervals.*

(E) APPLICATION PROCEDURE:

1. Applicant has to fill the Application form, ONLINE through the given link, **Apply Online**.
2. He/She does not required to send any hardcopy of filled Application Form, nor any documents. They can keep a copy of application form along with them, for future reference.
3. For any query, you can write @ fac.recruit@iiti.ac.in