



Advertisement for Faculty Recruitment

1. Indian Institute of Technology Indore (IIT Indore), an Institute of National Importance, is ranked in the top 14 engineering institutes in the country by National Institute Ranking Framework (NIRF) in the year 2023. IIT Indore has made its presence felt as an important center of innovation, learning, teaching, and research. It has consistently secured the highest *h*-index rating amongst all new IITs. With being the preferred choice of one of the best students & researchers, the Institute offers a conducive environment and infrastructure for research, innovation and incubation.
2. IIT Indore invites applications from Indian Nationals and OCIs, for faculty positions at the level of **Assistant Professor (Grade I & II)** in its various academic Departments, Centres and School.
3. The last date for online application is **November 24, 2023**. The completed application materials should be uploaded before **5:00 PM (IST) on November 24, 2023**.
4. Total number of vacancies: 16 (UR-15, OBC-NCL-01)
5. Recruitment would be based on the vacancies available and need in the areas of specialisation in the department.
6. The applications are invited in the following area of the Departments/school:

Sl.No.	Department/School	Area
1.	Astronomy, Astrophysics and Space Engineering	Astronomy and Astrophysics, Atmospheric and Remote Sensing, and Space Engineering with particular emphasis on: (a) Astronomy and Astrophysics: Multi-wavelength Astronomy, Instrumentation, Planetary Science, Exoplanets, and Gravitational Waves (b) Atmosphere and Remote Sensing: Radar, SAR, Instrumentation and Applications, passive microwave-radiometry, climate modeling, hyperspectral-multispectral studies, Aerosol research (c) Space and Engineering: Space Exploration, Satellite Payload Design, Instrumentation, Space Systems Engineering and Control.
2.	Biosciences and Biomedical Engineering	Bioinstrumentation, Prosthetics and regenerative medicine Computational Genomics, AI/ML in Health Care, Biomechanics, Biomedical Device, PoC, Data Science in Health, Bioprocess engineering.
3.	Civil Engineering	Structural engineering, water resources and Transportation engineering.

4.	Computer Science and Engineering	Languages, Compilers, Computer Hardware and Architecture, Operating Systems, Runtime Systems, Theoretical Computer Science, Computer Networks, VLSI, Cryptology, Cyber-Physical Systems, High Performance Computing, Distributed Systems, Core AI/ML, Image Processing, Game Theory, Natural Language Processing, Data mining, Data Streaming, Computer Graphics and Cloud Computing
5.	Electrical Engineering	Electric Machines and Drives, Terahertz Technologies, RF Integrated Circuits, Information and Coding Theory, Communication Networks, Quantum Computing and Communication, VLSI Circuit Testing, Analog and Mixed-Signal IC Design, Speech Processing, Control Systems, Robotics, Brain-Computer Interface.
6.	Mathematics	Probability, Statistics, Financial Mathematics, Computer Science: Theoretical Computer Science, Computer Networks, Operating system, Data Science, Core AI-ML Algorithms, Algebra.
7.	School of Humanities and Social Sciences	Economics: Financial Economics; Monetary Economics; Public Finance Philosophy: Analytical Philosophy (Logic and Philosophy of Science) Sociology: Sociology of Public Health and Medicine; Sociology of Citizenship and Nationalism; Environmental Sociology; Urban Sociology Psychology: Cognitive System, Applied Cognition, Cognitive Modelling, Psychophysiology, Neuro-marketing, and Allied Areas

7. Further details regarding various Departments, Faculty, Postgraduate Programmes and areas of research can be reviewed at the individual departmental websites and also at www.iiti.ac.in

8. Minimum Qualifications and Experience Requirements.

The minimum requirements for the position of Assistant Professor Grade I and II are as follows:

(a) Assistant Professor Grade I:

- (i) **Educational Qualification:** Ph.D. with first class or equivalent at the preceding degree in the appropriate branch with a very good academic record throughout.
- (ii) **Experience:** Minimum **three years** of industrial/ research/ teaching experience, **excluding, however, the experience gained while pursuing Ph.D.**
- (iii) **Age:** Maximum 35 years

(b) Assistant Professor Grade II:

- (i) **Educational Qualification:** Ph.D. with first class or equivalent at the preceding degree in the appropriate branch with a very good academic record throughout.
- (ii) The position of Assistant Professor Grade II will be on contract basis.
- (iii) **Age:** Maximum 32 years

9. Pay Structure.

The pay structure for various positions, as per 7th CPC, are as follows:

<u>Position</u>	<u>Pay Level</u>	<u>Min. Basic Pay/ Month (₹)</u>	<u>Total Emoluments including HRA* (₹)</u>
Assistant Professor Grade I	12	1,01,500/-	1,76,972/-
Assistant Professor Grade II	10	70,900/-	1,26,788/-

*HRA would not be admissible if accommodation is provided within the campus.

The posts carry allowances such as D.A., H.R.A and Transport Allowance (TA) as per GOI rules, which at present correspond to those admissible to Central Government employees stationed at Indore. The benefits of LTC, Children Education Allowance, and contribution towards New Pension Scheme (NPS) shall be permissible as per GOI rules.

10. Support/ Allowances/Facilities. Other support/ allowances, in accordance with the Ministry of Education, provided are as follows:

- (a) Cumulative Professional Development Allowance (CPDA). CPDA of ₹3 lakhs for every block period of 3 years may be made available on reimbursable basis to meet the expenses for presenting papers at conferences and towards membership fee of professional bodies and academic/research related contingency expenditure.
- (b) Relocation Allowance. Reimbursement of relocation charges of up to ₹1,00,000/- for faculty members joining from abroad for reimbursement of air fare for self & spouse and cost of transportation of goods. Reimbursement of up to ₹75,000/- for self and family and transportation of goods for those joining from within India.
- (c) Medical Facility. Cashless Out-Patient Department (OPD) and In-Patient Department (IPD) medical facility in the leading hospitals in Indore and well-equipped Institute Health Centre for employees and their dependent family members.
- (d) Children Education Allowance (CEA). Reimbursement of CEA will be applicable for claiming fee reimbursement of two eldest school going children i.e. for children from classes nursery to twelfth @ ₹2,250/- p.m. per child as per GOI norms.
- (e) Communication Charges. Reimbursement of communication charges will be done in accordance with the Institute/GOI rules.
- (f) Accommodation Facility. The Institute endeavours to provide suitable accommodation for all faculty. On-campus accommodation / Residence in the Institute may be provided to the employee in lieu of HRA, subject to availability. After joining the Institute, accommodation for the initial 21 days at Guest House/ Hostel may be provided.
- (g) R&D Facilities. Facilities for Research and Development activities exist in all the Departments and Centres. These are being continuously modernized with contemporary equipment and services. Good facilities also exist for computing. The Institute has a wellstocked library.
- (h) Young Faculty International Dream Lab Research Experience Grant. Grant upto ₹5 lakhs would be provided to impart high-end research training in the cutting-edge

research areas, by providing opportunity to the young faculty members to visit leading institutions/universities across the globe.

- (i) Promotion of Research and Innovation for Undergraduate students with Young faculty. Grant upto ₹5 lakhs would be provided to young faculties to closely work for research and innovation with undergraduate students enrolled at IIT Indore.
- (j) Research Seed Grant for the Best Technology Development. Grant of ₹2 lakhs seed grant would be provided for the 5 best technologies to translate the technology towards commercialisation.
- (k) Other Facilities. Most of the day-to-day facilities are available on the Campus including bank, a post office, a small shopping centre, Kendriya Vidyalaya school for children, a well-equipped hospital, sports facilities and vast playground for field games.

11. Reservation and Relaxation for OBC applicants. Reservation and relaxation are applicable as per GOI rules for OBC-NCL applicants. Candidates should submit their valid OBC-NCL Certificate issued by the competent authority in the prescribed format along with the application form in support of their claim.

12. The application must be complete with full details of educational qualifications including year of obtaining Ph.D., date of defense and details as required in the online application portal providing a list of publications (with reprints of the best papers), teaching/ research/industrial experience, date of birth along with the names and contact details of at least three referees.

13. General Instructions.

- (a) Applicants who have not been considered earlier against the old advertisements need to apply afresh.
- (b) If applying for more than one position, then separate application must be submitted for each position.
- (c) **Degrees obtained by the candidate should have been awarded by a recognized University/ Institute. All Educational qualification certificates including the Date of Ph.D. Defense must be submitted/uploaded. All Experience certificates mentioning designation, pay and tenure must be duly signed and sealed by the employer.**
- (d) Political and security clearance from Ministries of External Affairs and Home Affairs is necessary in every case for individuals with foreign passports.
- (e) The Institute reserves the right to call for interview only those candidates shortlisted based on their qualification, experience, research, publication records and requirements of individual academic departments, centres and school.
- (f) Mere fulfilling eligibility criteria will not entitle any applicant for being called for interview.
- (g) Merely meeting the post-Ph.D. experience requirement for a post shall not guarantee the offer for the position.
- (h) The application would be considered only for the position applied.

- (i) The Institute reserves the right to fill or not to fill positions in any of the above/and or any other specialization(s)/Department(s). The Institute has the right to set different as well as higher norms, while short-listing, considering the specific requirement of the departments.
- (j) Based on the shortlisting criteria, applications will be processed. Only the shortlisted applicants will be contacted through the emails, provided by them in the application form.
- (k) Applicants are required to carry original certificates and self-attested xerox copies, if called for the interview in person, failure of which would lead to disqualification of the candidature.
- (l) Applicants, called for interview, will be reimbursed to and fro air fare by economy class or II AC rail fare, from the nearest city of their present residence in India by the shortest route. The **ticket for air travel** should be booked from **IRCTC or authorized Travel Agents viz, M/s Balmer Lawrie & Company Limited and M/s Ashok Travels & Tours (via website/ booking counters/office)**, in line with GOI instructions. **Booking done from any other mode will not be admissible for claim.**
- (m) Applicants from abroad will, generally, be interviewed through video conferencing and no reimbursement for such applicants will be made. Applicants from abroad, but in India at time of Selection committee meeting, must attend the interview in person, if called.
- (n) No correspondence whatsoever will be entertained from applicants regarding conduct and result of interview and reasons for not being called for interview or selection.
- (o) **Applicants who are employed in Government, Semi-Government, Autonomous Body or Institution should send their applications through proper channel. Else, they will be required to produce a No Objection Certificate from their employer at the time of interview.**
- (p) Applicant is solely responsible for the correctness of the information provided in the application. If found later, that any information given in the application is incorrect/false, the candidature/appointment is liable to be cancelled/terminated.
- (q) IIT Indore encourages participation of women in teaching and research. Hence women applicants are encouraged to apply for these positions.
- (r) All reserved category applicants including persons with disability, fulfilling the eligibility criteria are encouraged to apply.
- (s) The Institute reserves the right to withdraw any advertised position(s) at any time without assigning any reason.

14. Application Procedure and Submission of Application Form.

- (a) The candidate must apply online by visiting the website: [Click here to apply ONLINE.](#) **Instructions for completing the application are available on the application website. Please refer to those instructions while filling the application.**

- (b) All certificates to be uploaded in **pdf file** along with the online application form.
- (c) It is **mandatory** to fill the application online in the link provided above. Only online filled applications will be considered for screening. No hard copy submission or soft copy submission through email will be accepted.
- (d) **The candidate should retain a copy of the filled application form for future reference.**
- (e) The applicants must contact the referees to send the reference letters by email at fac.recruit@iiti.ac.in
- (f) For any query, please write to fac.recruit@iiti.ac.in or call +91(0)731-6603556/3488 (Ext. 3556/3488) between Monday to Friday from 10:00 AM till 05:00 PM.

**Sd/-
REGISTRAR**