



# Indian Institute of Technology Patna भारतीय प्रौद्योगिकी संस्थान पटना

## Rolling Advertisement for Faculty Positions at the level of Assistant Professor

### Advertisement No.: IITP/FACREC/2021/R0015.Dated 01-02-2021

Indian Institute of Technology Patna (IIT Patna) invites applications from Indian Nationals (Foreign Nationals may also apply, for appointment to tenure/contractual position as per MHRD, Gol rules), who are well-qualified, energetic, and strongly motivated for high quality teaching and research in IIT Patna. The department-wise details of post / specific qualification requirement and specialization areas are as follows:

Department	Post / specific qualification requirement	Specialization Area
<b>Computer Science and Engineering</b>	<b>Assistant Professor</b>	All Specializations
<b>Civil and Environmental Engineering</b>	<b>Assistant Professor</b>	All Specializations
<b>Chemical and Biochemical Engineering</b>	<b>Assistant Professor</b> <ul style="list-style-type: none"> <li>• B.E./B.Tech. or M.E./M.Tech. in Chemical Engineering/Chemical Technology/Biochemical Engineering</li> </ul>	All Specializations
<b>Electrical Engineering</b>	<b>Assistant Professor</b>	All Specializations
<b>Mechanical Engineering</b>	<b>Assistant Professor</b>	All Specializations
<b>Metallurgical and Materials Engineering</b>	<b>Assistant Professor</b> a) B.E./ B.Tech degree in Metallurgical Engineering/ Metallurgical & Materials Engineering/ Materials & Metallurgical Engineering/ Metallurgical Engineering & Materials Science/ Materials Science & Engineering	<b>Metallurgy:</b> Extractive Metallurgy, Physical Metallurgy, Mechanical Metallurgy, Advanced casting and heat treatment, Corrosion, Steel Technology  <b>Characterization of Materials:</b> Transmission electron microscopy, Electron backscatter diffraction techniques, Electron Probe Microanalysis  <b>Ceramics:</b> Multifunctional materials, Electronic, Optical, Magnetic Materials and Devices, Energy Materials,

	<p>b) B.E./ B.Tech degree in one of the following streams or B.E./ B.Tech in any stream with pre-PhD post graduate degree in one of the following streams: Metallurgical Engineering/ Metallurgical &amp; Materials Engineering/ Materials &amp; Metallurgical Engineering/ Metallurgical Engineering &amp; Materials Science/ Materials Science &amp; Engineering/ Materials engineering/ Ceramic Technology/ Ceramic Engineering/ Polymer Technology/ Polymer engineering.</p> <p>c) B.Sc. degree, with pre-PhD post graduate degree in one of the following streams: Metallurgical Engineering/ Metallurgical &amp; Materials Engineering/ Materials &amp; Metallurgical Engineering/ Metallurgical Engineering &amp; Materials Science/ Materials Science &amp; Engineering/ Materials science/ Materials engineering/ Nanotechnology/ Ceramic Technology/ Polymer Technology/ Polymer engineering.</p>	<p>SOFC, Glass</p> <p><b>Polymer:</b> polymer engineering/polymer technology</p> <p><b>Other:</b> Integrated Computational Materials Engineering, Density Functional Theory, Molecular Dynamics, Biomaterials</p>
<b>Mathematics</b>	<p><b>Assistant Professor</b></p> <ul style="list-style-type: none"> <li>• Master's degree in Mathematics and Ph.D. in Mathematics</li> </ul>	All Specializations
<b>Humanities and Social Sciences</b>	<b>Assistant Professor</b>	All Specializations
<b>Chemistry</b>	<b>Assistant Professor</b>	All Specializations
<b>Physics</b>	<b>Assistant Professor</b>	All Specializations

## 1. Minimum Qualifications and Experience Requirements:

- a) **Assistant Professor:** One should have a Ph.D. degree with first class or equivalent (in terms of Grades etc.) at the preceding degree in appropriate branch with a very good academic record throughout and **at least three (03) years of post-Ph.D** experience in teaching/research/industry for the post of Assistant Professor(Grade I), excluding however, the experience gained while pursuing Ph.D. Candidates not satisfying the experience requirement for direct recruitment as Assistant Professor(Grade I) may be considered for the post of Assistant Professor(Grade II) which may be moved to Assistant Professor (Grade I) subsequently on completion of the minimum experience requirement and satisfactory performance in teaching & research during the tenure at IIT Patna.

## 2. Pay Scale & Perks:

<p><b>Assistant Professor (Grade I):</b> To be appointed in pay level 12 (Rs. 101500-167400) with minimum pay of Rs. 101500/-. After completion of 03 years of service as Assistant Professor in Pay Level 12, the candidates will be considered for movement to pay level 13A1 (Rs. 131400-204700). Candidates with Ph.D but with less than 03 years' experience can be considered for Assistant Professor (Grade II) in Pay Level 10 (minimum pay of Rs. 70900/-) or 11 with minimum pay as approved by the selection committee or by the Board of Governors.</p>	<p>Plus allowances (DA/HRA/TA/Medical/Children Education Allowance) as admissible to Central Govt. Employees from time to time.</p>
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### **3. PERKS & FACILITIES:**

- Cumulative professional development allowance of Rs.3.0 lakhs for every block period of 3 years (Rs.1 lakh per year) will be available to every member of the faculty on reimbursable basis to meet the expenses for participating in both National and International Conferences of various bodies and for contingency expenses for the purpose of teaching/research.
- Reimbursement of Relocation charges upto a maximum of Rs. 1.0 lakh to the faculty members at the time of joining the institute.
- Comfortable on-campus accommodation subject to the availability with adequate security in lieu of HRA, free internet facility, and reimbursement of telephone bills as per IITP rules.
- Support for setting up research laboratory in the frontier area of research is provided.
- In-campus hospital with pathological testing, X-Ray, ECG etc. facility and quality schooling for children.
- Other Benefits as per Institute and Gol rules.

**4. Age Requirements:** Preferably below 35 years for the post of Assistant Professor Grade – I and 32 years for the post of Assistant Professor Grade – II as on cut off date fixed by the Institute.

### **5. Relaxations:**

Minimum requirements of experience may be relaxed in respect of outstanding candidates evidenced through academic contribution/research publications/patents or an equivalent contribution made towards pedagogical and/or institutional developments. Candidates from industry having excellent R&D record evidenced through publication/patents/product development may be considered. **Age relaxations** maybe made, if needed, for candidates with past relevant experience in academia, industry, and R&D laboratories with excellent performance records.

### **6. Reservation and Relaxation for SC/ST/PWD/OBC/EWS etc.:**

Without any compromise on qualification, experience and competence, reservation and relaxation are applicable as per GOI rules. Necessary certificates must be enclosed with the application form.

### **7. Submission of Application Form:**

a) **Application in prescribed format can be downloaded here** ([DOC format](#) and [PDF format](#)) and sent to the following address;

**To**

**Faculty Recruitment Cell**

Faculty Affairs Office, IIT Patna

Bihta, Patna-801106, Bihar

Phone: +91 (6115) 233041

E-mail:[facrecrt@iitp.ac.in](mailto:facrecrt@iitp.ac.in)

b) *Applicants who are employed in Government, Semi-Government, Autonomous Organizations or Institutions 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.* Applicants desiring to apply for more than one department should submit separate applications for each department.

c) The Institute reserves the right to consider 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, taking into account the specific requirement of the individual departments. Mere fulfillment of the qualification requirements does not entitle candidates to be called for an interview.

d) Applicants should send their applications along with relevant documents (soft copy) through email to: [facrecrt@iitp.ac.in](mailto:facrecrt@iitp.ac.in) and hard copy by post to the above address. Also, they should request their referees to send the reference letters to Faculty Affairs by post/email ([facrecrt@iitp.ac.in](mailto:facrecrt@iitp.ac.in)).

## 8. Important Notes:

- a) Electronic copies of the application and/or reports from the referees will be considered only on receipt of hard copies of the application.
- b) Based on the qualifications of the candidates and the need of the department concerned, applications will be processed. The shortlisted candidates will only be contacted through the emails provided by them at the time of applications.
- c) **This is a ROLLING ADVERTISEMENT. There is no last date and application can be submitted throughout the year. However, the processing of applications will be done by the Departments as per the cut off date fixed by the Institute.**

**For any further information, please contact [facrect@iitp.ac.in](mailto:facrect@iitp.ac.in).**