

**ROLLING ADVERTISEMENT FOR APPOINTMENT OF FACULTY POSITIONS AT THE LEVEL OF  
ASSISTANT PROFESSOR**

**Advertisement No. IIT(BHU)/FA/Rolling Advt/02/2022**

**To apply: [Click here](#)**

IIT (BHU) Varanasi invites online applications from well qualified and meritorious Indian Nationals and Overseas Citizens of India (OCIs) for faculty positions at the level of **Assistant Professor** in its various Science & Engineering Departments and Interdisciplinary Schools. Persons of Indian Origin (PIO) and Foreign Nationals can also apply for faculty positions for contractual appointments up to five years, which can be renewed further.

**Departments:** Architecture, Planning & Design<sup>#</sup>, Ceramic Engineering, Chemical Engineering & Technology, Civil Engineering, Computer Science & Engineering, Electrical Engineering, Electronics Engineering, Mechanical Engineering, Metallurgical Engineering, Mining Engineering, Mathematical Sciences and Chemistry.

**School:** Materials Science & Technology and School of Bio-Medical Engineering.

**Preferred areas of the Departments/Schools are available on the home page/recruitment page of the concerned Department/School.**

**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/Schools as per the cut off date fixed the Institute.**

**Qualifications & Experience:**

**Assistant Professor Grade-I:** PhD with first class or equivalent (in terms of grades etc.) at the preceding degree in the appropriate branch, with a very good academic record throughout. Three years teaching/research/industrial experience from the date of award of PhD (excluding the experience gained while pursuing PhD or any other lower degrees) as on the date of application. The experience should be in a reputed organization. The candidates should have demonstrated strong research capabilities in terms of publications in reputed peer reviewed journals of good impact factor and/or patents.

**Assistant Professor Grade-II:** PhD with first class or equivalent (in terms of grades etc.) at the preceding degree in the appropriate branch, with a very good academic record throughout. The candidates should have demonstrated strong research capabilities in terms of publications in reputed peer reviewed journals of good impact factor and/or patents. Such candidates may be appointed on contract.

The Assistant Professors Grade-II will be eligible for placement as Assistant Professor Grade-I on completion of three years teaching/research/industrial experience in reputed organizations from the date of award of PhD (excluding the experience gained while pursuing PhD) as per the Institute norms.

*# Candidates applying for a faculty position in the Department of Architecture, Planning and Design must have a valid Council of Architecture (COA) registration certificate and a scanned copy of the same should be uploaded alongwith the documents.*

## **Pay Structure:**

**Assistant Professor Grade-I:** Academic Pay Level-12 (Rs.101500-167400). For direct recruits minimum pay in Academic Pay Level-12 is to be fixed at Cell No.1 Rs.101500/-. On completion of 3 years service as Assistant Professor Grade-I, the incumbent shall move to Academic Pay Level 13A1 (Rs.131400-204700) as per the Institute norms.

**Assistant Professor Grade-II:** Academic Pay Level-10 (Rs.57700-98200). The minimum starting pay is to be fixed in Academic Pay Level-10 at Cell No.8 Rs. 70900/-. On completion of one year experience from the date of award of PhD (excluding the experience gained while pursuing PhD), the incumbent shall move to Academic Pay Level-11 and after three years to Academic Pay Level-12 as Assistant Professor Grade-I as per the Institute norms.

The salary carries all other allowances as admissible to a Central Government employee stationed at Varanasi. The fringe benefits, such as HRA, LTC, medical re-imbursment, education allowance for children, contribution towards New Pension Scheme (NPS), reimbursement of telephone bills, book grants, research initiation grant (up to Rs. 10 lakhs), financial support towards national and international conferences etc. shall be permitted as per the Institute norms. Relocation charges towards transportation of personal effects are also provided as per the Institute norms.

**Probation:** The period of probation in regular appointment will be one year.

**Reservation:** Without any compromise on qualification, experience and competence reservation to SCs, STs & OBCs candidates as per the Ministry of Education, Govt. of India(Gol) Rules will be applicable. Gol policy on reservation including EWS and Divyang will be followed for faculty positions.

**Application Procedure:** Candidates willing to apply for the post of Assistant Professor may fill up only **online form available at the link (<https://facultyrecruitment.iitbhu.ac.in/>) and upload the necessary enclosures. They need not send any hard copy of the application form.** The Institute will contact them after fixing a cut off date, as per its selection criteria. **Any other mode of submission of application will not be entertained or accepted.**

## **Notes:**

- (i) Mere eligibility will not entitle any candidate for being called for interview.
- (ii) Interviews will be scheduled based on the need of the Departments/Schools/Institute.
- (iii) Applicants for the post of Assistant Professor, who do not fulfill the minimum experience requirements, may be offered an appointment on contract.
- (iv) The requirements of minimum qualification and/or experience may be relaxed in the case of candidates with outstanding credentials.
- (v) *Reservation as per Gol norms.*
- (vi) The Institute reserves the right to fill or not to fill any or all the post(s) advertised without assigning any reason.
- (vii) Applicants not found suitable for higher positions may be considered for lower positions in the same area.

(viii) All correspondence should be addressed to **the Office of the Faculty Affairs, Indian Institute of Technology (BHU), Varanasi-221005, India. Email: [help.facultyrecruitment@iitbhu.ac.in](mailto:help.facultyrecruitment@iitbhu.ac.in).**

For any clarification, candidates may contact the Office of the Faculty Affairs on the above address.

(ix) Contact details of Heads/Coordinators of the Departments/Schools are available at the Institute website <http://www.iitbhu.ac.in>. The candidates may also approach them for any specific clarification.

#### **ADDITIONAL INFORMATION**

1. Candidates applying for a position in more than one Department/School are required to fill separate application forms through online mode.
2. All enclosures and the application form must bear full name and signature of the candidate on each page at the bottom.
3. The candidate is responsible for the correctness of the information provided in the online application form. If it is found at a later stage that any information given in the online application is incorrect/false the candidature/appointment is liable to be cancelled/terminated.
4. Depending upon the exceptional qualification and experience, higher initial pay may be offered to deserving candidates as decided by the Selection Committee.
5. Candidates called for presentation as well as the interview will be paid second AC railway fare from the nearest Railway station of the place of duty or residence to Varanasi for an overnight journey. **Economic Airfare by Air India only** will be paid for a long distance journey within India from the local airport of place duty/residence. In addition, candidates will be paid Taxi fare from residence/place of duty to local Railway Station/Airport and back as well as Varanasi Railway Station/Airport to the Institute & Back. Free boarding & lodging at the Institute Guest House would also be provided.
6. Applicants, who are employed in Government, Semi-Government Organizations or Institutions, should send their application **THROUGH PROPER CHANNEL** else they will be required to produce a **NO OBJECTION CERTIFICATE** from their employer at the time of interview.
7. The Institute reserve the right to restrict the number of candidates for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement and other academic achievements.
8. No information will be sent to those candidates who are not short-listed for interview. No correspondence, whatsoever, will be entertained from the candidates regarding conduct and result of interview and reasons for not being called for interview or selection.
9. For availing reservation, the candidates must enclose desired certificates in the prescribed format with the application form.
10. Foreign Nationals who are Persons of Indian Origin (PIO), if selected, permission will be sought from Govt. of India before he/she can join the Institute. Other Foreign Nationals, if selected, appointment will be on a contract basis for up to five years subject to permission from Govt. of India before he/she can join the Institute.
11. Political and security clearance from Ministries of External Affairs and Home Affairs is necessary in every case for individuals with foreign passports.

**Preferred area of specialization for the post of Assistant Professor**

**Annexure A**

Sl. No	Name of Department/School	Area of Specialization
1	<b>Architecture, Planning &amp; Design</b>	Graduation in B.Arch. with valid COA registration Specialization Landscape Architecture Architectural History & Theory Building Engineering & Management Visual Design and Communication Heritage and Conservation
2	<b>Chemical Engineering &amp; Technology</b>	Transport processes, Thermodynamics, Modeling and Simulation, Energy and Environment, Chemical Engineering Science, Electrochemical Engineering, Process Dynamics and Control, Artificial Intelligence and Advanced Materials
3	<b>Mathematical Sciences</b>	Topology Probability and Statistics Theoretical Computer Science with Mathematics background Fluid Dynamics Complex Analysis
4	<b>Metallurgical Engineering</b>	Computational Materials Engineering, Thermodynamics of Materials. Extraction of Ferrous and Non-Ferrous Metals; Processing of Secondary Metals & Alloys; Management & Recycling of Metallurgical Wastes. Mechanical Behavior and Processing; Foundry & Near-Net Shape Processing; Metal Joining; Surface Engineering; Corrosion Engineering. Structural Metallurgy; Phase Transformation; Alloy Development; Composites; Advanced Materials; Design of Advanced Steels; Characterization Techniques; Non-equilibrium Processing of Materials.
5	<b>School of Materials Science &amp; Technology</b>	Computational Materials Engineering
6	<b>Mining Engineering</b>	Rock Mechanics & Ground Control Mine Environment Engineering Mine Planning Mine Safety and Risk Assessment Coal Mining (Both Surface & Underground) Mine Surveying Metalliferous Mining (Both Surface & Underground) Mining Machinery A I and Big Data Analytics Mine Robotics & Automation Mineral Processing* Engineering Geology** * Essential qualification should be B.Tech & M.Tech in Mineral Engineering/Mineral Processing. ** Essential qualification should be Masters & PhD in Geology/Engineering Geology.

7	<b>Computer Science &amp; Engineering</b>	Theoretical Computer Science, IoT and Data Analytics: Text, Speech and Visual Analytics, High Performance Computing, Artificial Intelligence, Machine Learning and Data Science, Database, Compilers and Programming Languages, Operating Systems, Cyber Security, Cryptography and Cyber Physical Systems, Quantum Computing/Quantum Information Processing.	
8	<b>Mechanical Engineering</b>	Production Engineering	Machining Forming, Welding, Additive Manufacturing, Manufacturing system and Automation, Unconventional Manufacturing
		Machine Design	Mechanisms, Vibration, Solid mechanics, computer Aided Design (CAD), Tribology, Micro Electromechanical System (MEMS), Robotics & control system
		Industrial Management	Machine Learning and Blockchain Technology & Industrial Engineering/Operation Management, Decision Science & Engineering, Economics, AI, IoT and Agribusiness.
		*At present there is no requirement in Thermal & Fluid Engineering.	
9	<b>Civil Engineering</b>	Geo informatics Section	Geodesy, Photogrammetric Engineering, Web GIS, Remote Sensing
		Environmental Engineering	Air Environment Monitoring and Control, Climate Change and Environmental Sustainability Environmental Impact Assessment (EIA) Environmental Sanitation Environmental Microbiology, Industrial Waste water treatment, Solid Waste Engineering, Waste water treatment and management, Water Quality,
		Hydraulic & Water Resources Engineering	(i) Field/Experimental Watershed Management, Hydrological Modelling, River Engineering/Hydraulics Sediment Transport (ii) Turbulent Flow
		Engineering Geosciences	Rock Mechanics with M.Tech Background
		Geo-Informatics Engineering	Photogrammetry Web GIS Geo desy (Geodesy)

		Structural Engineering	Precast Concrete and RCC Structure, Bridge Engineering and Steel Structures.
		Transportation Engineering	(i) Urban Transportation Planning (Network Dynamics and Optimization). (ii) ITS and connected Vehicles Technology. (iii) Microscopic Traffic Flow Modelling. (iv) Highway Construction Practices (v) Highway Design
<b>10</b>	<b>Electronics Engineering</b>	Digital Technique and Instrumentation and its allied areas of Digital Systems Engineering and Microelectronics & VLSI.	
<b>11</b>	<b>Ceramic Engineering</b>	Glass, Refractory, Ceramic white ware and cement, High Temperature materials and composites, Bio Ceramic applicable to implantation, Medical Devices and Clinical Trial Electro Ceramics and Advanced ceramics Ceramic Coatings Computational modeling of ceramic materials Functional and Hi-Tech ceramics	
<b>12</b>	<b>Electrical Engineering</b>	Electrical Machines and Drives, Power Systems, Control Systems Engineering and Power Electronics	
<b>13</b>	<b>School of Bio-Medical Engineering</b>	Cancer Research, Cardiovascular Research, Infectious disease, Vaccinology, Medical Device Manufacturing, Reproductive Technology, Genetics Engineering, Bio-imaging, Hospital Management system, Critical Case Technology and Clinical Engineering.	
<b>14</b>	<b>Chemistry</b>	Inorganic Chemistry	Organometallic Chemistry
		Physical Area:	Solid State Chemistry
		Organic Area	Natural Product