



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद
धनबाद-826004 (झारखण्ड), भारत

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD
DHANBAD-826004 (JHARKHAND), INDIA

No. 411002/1/2026-Dean(F)/2

Dated: 30 June, 2026

Advertisement for Associate Professor/Professor

Applications are invited from Indian Nationals including Persons of Indian Origins (PIOs) and Overseas Citizens of India (OCIs) and Foreign Nationals* for the posts of Associate Professor/Professor for the following Departments:

Sl. No	Department
1	Applied Geology
2	Applied Geophysics
3	Chemical Engineering
4	Chemistry and Chemical Biology
5	Civil Engineering
6	Computer Science & Engineering
7	Electrical Engineering
8	Electronics Engineering
9	Environmental Science & Engineering

Sl. No	Department
10	Fuel, Minerals & Metallurgical Engineering
11	Humanities & Social Sciences
12	Management Studies & Industrial Engineering
13	Mathematics & Computing
14	Mechanical Engineering
15	Mining Engineering
16	Petroleum Engineering
17	Physics

Department wise specialization areas, specific qualifications/experience currently being sought for Associate Professor/Professor Recruitment for the aforementioned departments are available as Annexure-I.

The candidate should have an established record of independent, high-quality research and commitment to teaching and research for Associate Professor/Professor.

Interested and eligible candidates may apply through on-line portal available at the Institute's website (URL Link: <https://fr.iitism.ac.in>) .

The details of the vacancies are as under:

Name of the Post	No. of Vacancies						Remarks
	UR	SC	ST	OBC-NCL	EWS	Total	
Associate Professor/ Professor	24	9	5	16	6	60	Out of 60 posts, 2 [#] posts are reserved for Divyang candidates. However these posts are suitable for the following categories of benchmark disabilities: (a) Low vision only; (b) Hard of hearing only ; (c) Locomotor disability including leprosy cured, dwarfism, and acid attack victims.

#01-post is reserved for Locomotor disability including leprosy cured, dwarfism, and acid attack victims; and 01-post is reserved for Low vision only.

The Institute follows the reservation policy, as per Gol norms. Necessary supporting certificates must be enclosed with the application form to claim the benefit of reservation. Instructions from Gol/MoE issued till the date of interview will be applicable. The number of vacancies will be liable to change. The extant reservation will be as follows: SC-15%; ST-7.5%; OBC(NCL)-27%; EWS-10%; PwBD-4%. Women and PwD applicants are encouraged to apply.

*Foreign national here means a person who does not have either an Indian passport, or a PIO/OCI card. Foreign nationals can be offered contractual appointment for up to five years. The appointment can be renewed thereafter.

MINIMUM QUALIFICATION, EXPERIENCE, PAY AND OTHER INFORMATION

Minimum required Qualification and Experience for the posts are given below:

Cut-off date for reckoning the validity of caste/income certificate, age, educational qualification, experience, etc. will be the closing date of advertisement i.e **30.09.2026**.

I. QUALIFICATION

Ph.D. with first class or equivalent (in terms of grades, etc.) at the preceding degree in appropriate branch, with a very good academic record throughout. Candidate should have good CPI/CGPA/Percentage in Ph.D course work where ever applicable.

II. EXPERIENCE

Associate Professor	A minimum 6 years of teaching / research/industrial experience of which minimum 3 years should be at the level of Assistant Professor (pay level 12) in IITs / IISc Bangalore /IIMs /IISERs or in the institutes of national importance or Indian/Foreign Institutes of equivalent standards/Senior Scientist in the reputed National/International research organizations/ Industries at the time of application. The candidate should have demonstrated adequate experience of independent research in terms of guidance of Ph.D. students, publications in reputed journals and conferences, patents, laboratory/course development and/or other recognized relevant professional activities.
Professor	A minimum 10 years of teaching/research/industrial experience of which minimum 4 years should be at the level of Associate Professor in IITs / IISc Bangalore / IIMs / IISERs or in the institutes of national importance or Indian / Foreign Institutes of equivalent standards / Senior Scientist in reputed National / International Research Organizations / Industries at the time of application. The candidate should have demonstrated leadership in research in a specific area of specialization in terms of guidance of Ph.D. students, strong record of publications in reputed journals and conferences, patents, laboratory / course development and/or other recognized relevant professional activities.

III. APPLICATIONS SUBMISSION AND DEADLINE

- (a) The closing date to submit the online application(s) is **30.09.2026**.
- (b) Recruitment would be based on the need in a given area /specialization within the Department.

IV. PAY STRUCTURE AS PER 7TH CPC

- (a) **ASSOCIATE PROFESSOR : 7th CPC Pay Level 13A2, Minimum Basic Pay: ₹ 1,39,600/-**

For direct recruits, minimum starting basic pay to be fixed in Academic Pay Level-13A2 at Cell No.1 ₹ 1,39,600/-.

- (b) **PROFESSOR : 7th CPC Pay Level 14A, Minimum Basic Pay: ₹ 1,59,100/-**

For direct recruits, minimum starting basic pay to be fixed in Academic Pay Level-14A at Cell No.1 ₹ 1,59,100/-.

Apart from the basic pay above, the position carries allowances such as D.A., H.R.A, Transport Allowance and other applicable allowances as per rules of the Institute.

V. OTHER SUPPORT FOR FACULTY AS PER INSTITUTE NORMS

1. **Professional Development Allowance** (PDA) of ₹ 3.0 Lakhs in a three year block, for attending conference in India and Abroad, paying membership fees of different professional bodies, books and periodicals and contingent expenses.
2. Telephone bill reimbursement upto ₹ 2000/- per month.
3. Medical facilities for self and dependent family members. The Institute has tie-up with many leading hospitals of Dhanbad and major cities of India for cashless treatment for self and dependent family members.
4. Children Education Allowance (presently ₹ 33750/- per annum per child) for maximum two children.
5. Central DA (revised twice a year) and Transportation allowance (currently ₹ 3600 + DA).

6. Leave Travel Concession for self and dependent family members to visit home town and anywhere in India as per norms. Fresh recruits are allowed to travel to their home town along with their families on three occasions in a block of four years and to any place in India on the fourth occasion. This facility is available for the first two blocks of four years after joining the Government/Institute for the first time. Leave encashment of 60 days in six different spells and upto 10 days on each occasion along with LTC as per norms.
7. The institute will provide suitable on campus transit accommodation till the allotment of permanent accommodation to the new faculty members at IIT(ISM). No HRA shall be paid for stay in transit accommodation.
8. Fully furnished office room shall be provided to all faculty members. One computing facility of approx. cost of Rs. 1.25 lakhs from Institute fund shall also be provided to the new faculty members.
9. The Institute has the provision of Faculty Mobility Program to encourage the faculty members for research collaboration in India/Abroad.
10. The Institute has the provision of Sabbatical Leave/Special Leave/Special Casual Leave to encourage the faculty members for International / National research collaborations, prestigious competitive fellowships and other academic assignments as per norms.
11. Reimbursement of relocation charges up to a ceiling of ₹ 1.25 lakh for Indian Nationals (along with spouse) for joining from India/Abroad, subject to the condition that they will have to serve the Institute for a minimum period of 02 years.
12. Faculty joining from government organizations are eligible for transfer TA and joining time as per MoE/GOI rules.
13. Most of the day-to-day facilities are available on the Campus including State Bank of India Branch, India Post office, Canteens, Nescafe, Crèche for children, well equipped Health Centre with 24 hours emergency facility, Sports Activity Centre (SAC) including a Swimming Pool, Gymnasium exclusively for employees, Badminton Court, Lawn Tennis Court, Table Tennis, Squash Court, Yoga Hall, Basket Ball/Volleyball Court, Karate and vast play-grounds for field games such as Cricket/Hockey and Football/Athletics. The Institute has dedicated Sports Coaches for different games viz. Cricket, Athletics, Hockey, Table Tennis, Football, Lawn Tennis, Table Tennis, Badminton, Swimming, Gymnasium, Yoga, Karate etc. Other facilities include Scolomin Club, Children Activity Centre (Dedicated experts of Drawing, Dance, Music

etc. visit weekly to teach the children of employees) and open gymnasium in Athletics ground and park.

14. There are many good reputed public/private schools operating in Dhanbad city. The Institute has tie-up with such schools for the hassle free admission(s) of the wards of the employees of IIT(ISM).

VI. NOTES

1. Candidate must fill the online application form at recruitment portal of IIT(ISM), Dhanbad.
2. Incomplete applications shall be summarily rejected and no communication in this regard shall be entertained.
3. The candidate is responsible for the correctness of the information provided in the application. If it is found at a later date that any information given in the application is incorrect/false, the candidature/appointment is liable to be cancelled/ terminated
4. Without any compromise on qualification, experience and competence, reservation for SC/ST/OBC-NCL/PWD/EWS categories is applicable as per MoE/GOI rules. The candidates belonging to the reserved category (SC/ST/OBC-NCL/ PWD/EWS) are required to attach the Caste / Category/EWS Certificate in the format as prescribed by the Govt. of India. The Institute follows the Central list in the case of SC/ST and OBCs.
5. Higher initial pay is admissible to exceptionally qualified and deserving candidates.
6. Applicants who are employed in Government or Semi-Government Organizations will be required to produce a "NO OBJECTION CERTIFICATE" from their employer at the time of the interview.
7. Candidates applying for more than one department should apply separately. If the Institute finds that the candidate is deemed fit for another department(s), then the application of the candidate may be transferred to the appropriate department.
8. Certificates and relevant documents should be uploaded along with application form.
9. Candidates called for interview will be reimbursed train fare in AC 2 Tier/ Air Fare by Economy Class by shortest route within India. Air tickets must be purchased from the following Authorized Travel Agents:

- (i) M/s Balmer Lawrie & Company Limited (BLCL)
 - (ii) M/s Ashok Travels & Tours (ATT)
 - (iii) Indian Railways Catering and Tourism Corporation Ltd. (IRCTC)
10. Political and security clearance from Ministries of External Affairs and Home Affairs may be necessary for individuals with foreign passports
 11. A mere fulfilment of the required minimum qualifications and experience does not entitle a candidate to be called for an interview/discussion.
 12. The Institute reserves the right to reject any or all applications, or it may amend any of the clauses as per the order of the competent authority/GOI.
 13. The Institute reserves the right to fill or not to fill the posts advertised.
 14. The institute reserves the right to cancel the recruitment without assigning any reason.
 15. Canvassing in any manner may entail the disqualification of the candidature.
 16. The Institute reserves the right to screen and call only such candidates as are found prima-facie suitable for being considered by the Selection Committee. Thus, just fulfilling the minimum prescribed conditions would not entitle one to be called for the interview.
 17. The Institute reserves the right to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications, experience and other academic achievements higher than the minimum prescribed in the advertisement.
 18. The invitation to candidate for interview merely indicates that it is felt that he/she with others may be suitable for the post and conveys no assurance whatsoever that he/she will be recommended or selected or his/her conditions specified in the application will be accepted.
 19. 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.
 20. Any legal dispute with regards to the recruitment / selection process will be restricted to the jurisdiction of Dhanbad court only.

VII. How to Apply

The candidates may apply through the on-line portal available at the Institute website. For Specialization go to the link Department Wise Specialization available at the online portal.

For any clarification, please contact at the following email ID: recruitment@iitism.ac.in or call @ 0326-223-5204/5268 during office hours.

Dhanbad

Dean (Faculty)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES) DHANBAD

Department Wise Area of Specialization - Professor & Assoc. Professor

Sl. No.	Departments	Area of Specialization
1	Applied Geology	<ul style="list-style-type: none"> • For Associate Professor only- Petroleum Exploration, Marine Geology, Mineralogy, Geomechanics, coal Geology, Coal Bed Methane (CBM) • For Professor only- Hyperspectral remote sensing & Spectroscopy of geological materials, Ore Geology & Mineral Exploration & Crustal Evolution
2	Applied Geophysics	Gravity Method, Magnetic Method, Electrical and Electromagnetic Methods, Methods of Geospatial Techniques, Exploration Seismic and Well Logging
3	Chemical Engineering	Molecular Simulations, Molecular Thermodynamics, Process Systems Engineering and control, Energy and Environment, and Process Safety and Hazard.
4	Chemistry & Chemical Biology	<ul style="list-style-type: none"> • Organic Chemistry • Inorganic chemistry • Physical Chemistry • Computational Chemistry • Materials Chemistry
5	Computer Science & Engineering	Software Architecture and Engineering, Computer Organisation and Architecture, Theoretical Computer Science, Artificial Intelligence, Machine Learning, Operating Systems, Natural Language Processing, Information Retrieval, Formal Methods and Static Analysis, Compiler Design and Optimization, Embedded and Cyber-physical Systems, Computer Vision, Parallel Computing, Distributed Computing, Computer Networks, Databases, Data Analytics, Human Computer Interaction, Ubiquitous Computing, Quantum Computing, Security and Cryptography, Autonomous Intelligent Systems, and Scientific Computing, Blockchain, Image Processing, Optimisation Techniques, Soft Computing, Bioinformatics, Data Mining, Deep Learning, VLSI Design and Testing, Complex Networks, Multimedia Systems.

Sl. No.	Departments	Area of Specialization
6	Civil Engineering	<ul style="list-style-type: none"> • Structural Engineering Specialization : Stability of Advanced Composite Structures; Seismic Safety of Masonry Structures; Computational Mechanics; Impact Resilience of Non-engineered Structures • Geotechnical Engineering Specialization : Railway Geotechnics; Offshore Geotechnics; GroundImprovement & Geosynthetics; Foundation Dynamics
7	Electrical Engineering	<ul style="list-style-type: none"> • Control system • Instrumentation • Robotics and automation • Power and Energy Systems. • Power Electronics and Electrical Drives
8	Electronics Engineering	<ul style="list-style-type: none"> • Fiber Optic Sensors • Microwave Photonics • Silicon Photonics • Quantum Integrated Photonics • Instrumentation • Instrumentation and Control.
9	Environmental Science & Engineering	Air Pollution Control, Environmental Geotechnology, Noise & Vibration, Remote Sensing & GIS, Environmental Geology, Biodiversity Conservation and Management, Environmental Policy & Legislation, Environmental Economics, Environmental Informatics, Water and Wastewater Engineering, Climate Change, Carbon Capture Utilisation and Storage (CCUS).

Sl. No.	Departments	Area of Specialization
10	Fuel Minerals & Metallurgical Engineering	<ul style="list-style-type: none"> • Mineral Engineering - Process Equipment Selection; Plant Design & Engineering; Process Modeling and Optimization; Critical Minerals Beneficiation; Coal Preparation; Mineral Processing; Process Control; Mineral Processing Economics, Biomineral Processing, Mineral Resource Management, Low iron grade ore processing • Metallurgical Engineering-Ferrous & Non-Ferrous Extractive Metallurgy; Computational Metallurgy; Metallurgical Waste Utilization; Molten Salt Electrolysis, Alloy design • Fuel & Energy Engineering - Coal Characterization and Utilization; Coal Cleaning; Thermochemical Conversion of Solid Fuels; Hydrogen Production, Storage & Utilisation; Syngas and Biofuel Utilisation for Energy, Chemical and Metallurgical Applications; Modelling & Simulation of Energy Systems; Carbon Capture Utilization and Storage (CCUS), Decarbonisation & Sustainability; Waste to Energy; Carbon Credit; Energy Policy.
11	Humanities & Social Sciences	<ul style="list-style-type: none"> • English: ELT, Linguistics and Applied Linguistics, Literature and Culture, Digital Humanities. • Philosophy: Indian Philosophy, Western Philosophy, Logic, Ethics • Psychology: Applied psychology, Social Psychology, Health Psychology, Cognitive Psychology, Psychometrics. • Sociology: Sociology of development, Urban sociology, Environmental sociology and climate change, Economic sociology, Sociology of work and labour, Digital sociology, Sociology of health, Spatial sociology, Sociology of aging and dying.
12	Management Studies & Industrial Engineering	<ul style="list-style-type: none"> • Associate Professor: Operations Management • Professor: Marketing Management
13	Mathematics & Computing	<ul style="list-style-type: none"> • Biostatistics • Computational Fluid Dynamics • Computational Harmonic Analysis • Elastodynamics • Reliability Theory • Wave Structure Interactions

Sl. No.	Departments	Area of Specialization
14	Mining Engineering	<ul style="list-style-type: none"> • Coal Mining Methods • Metal Mining Methods • AI/ML Application in Mining • Mine safety, Health and Ergonomics • Sustainable Mining and planning • Mining Machinery • Rock Mechanics
15	Mechanical Engineering	<ul style="list-style-type: none"> • Thermo--fluid: Heat transfer, Thermal management, Bio-fluid mechanics and Bio-heat transfer, Droplet dynamics, Flow diagnostics, Computational Fluid Dynamics (CFD), Turbomachinery, High performance computing. • Design: Dynamics and vibrations, Structural vibrations, Machine condition monitoring, Fracture mechanics, Solid mechanics, Mechanics of solid polymers, Polymers and polymer composites, Computer Aided Design (CAD), Mechanical behavior of materials, Fluid power systems and control, Mining machinery. • Manufacturing: Advanced finishing and post-processing processes, Machining, Non-traditional machining, Additive manufacturing, Micro-precision manufacturing, Surface finishing, Laser processing of materials, Friction stir welding, Digital manufacturing and applied Tribology.
16	Physics	<ul style="list-style-type: none"> • Material Science (Energy Storage Materials, Optical Spectroscopy, Magnetic Materials and Superconductivity, Semiconductor Materials and Devices) • String Theory • Laser and Plasma Physics • Fibre Optics
17	Petroleum Engineering	Reservoir Engineering, Drilling Engineering, Petroleum Production Engineering, Deepwater and offshore Engineering, Unconventional Energy Resources, Energy Transition & Sustainable Energy System, Digital Technologies in Petroleum Engineering, Health, Safety and Environment (HSE), and Energy Economics & Asset Management.