

INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI-110016

**Rolling Advertisement No. IITD/2025/PROF-2 Dated 01.07.2025 for the post of
Associate Professor and Professor**

IIT Delhi invites applications from individuals with an established record of independent, high-quality research and commitment to teaching and research for faculty positions at the level of **Associate Professor and Professor** in various academic units.

The various Academic Units (Departments, Centres, and Schools) recruiting Associate Professor and Professor in their areas are given below. Department wise specialization areas, specific qualifications/experience are specified in Annexure-I.

S. No.	Department/Centre/School	S. No.	Department/Centre/School
1	DEPARTMENT OF APPLIED MECHANICS	9	CENTRE FOR ATMOSPHERIC SCIENCES (CAS)
2	DEPARTMENT OF CIVIL ENGINEERING	10	CENTRE FOR AUTOMOTIVE RESEARCH IN TRIBOLOGY (CART)
3	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING	11	CENTRE FOR RURAL DEVELOPMENT & (CRDT)
4	DEPARTMENT OF DESIGN	12	OPTICS AND PHOTONICS CENTRE (OPC)
5	DEPARTMENT OF ELECTRICAL ENGINEERING	13	KUSUMA SCHOOL OF BIOLOGICAL SCIENCES (KSBS)
6	DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES	14	SCHOOL OF PUBLIC POLICY (SoPP)
7	DEPARTMENT OF MECHANICAL ENGINEERING	15	SCHOOL OF ARTIFICIAL INTELLIGENCE (SCAI)
8	DEPARTMENT OF TEXTILE & FIBRE ENGINEERING		

The CEI (RTC) Act (2019) for SC/ST/OBC-NCL/EWS categories as well as the RPwD Act (2016) for persons with benchmark disabilities will be applicable. Candidates should upload their valid SC/ST/OBC-NCL/PwBD/EWS certificates issued by the appropriate authority in the prescribed format of Government of India, along with the application. Eligibility of Persons with Benchmark Disabilities (PwBD) for recruitment at IIT Delhi is specified in Annexure-II. The extent of reservation will be as follows: SC-15%; ST-7.5%; OBC(NCL)-27%; EWS-10%; PwBD-4%. Women candidates are especially encouraged to apply. Foreign nationals will be appointed on contract basis, initially for 5 years. The contract can be renewed after the 5-year tenure gets over. Half time appointments are possible for foreign nationals who are not on OCI status. Those applying as foreign nationals will need to get a work visa from the Government of India.

Basic qualification and experience for the posts are given below.

**A. ASSOCIATE PROFESSOR
QUALIFICATION & EXPERIENCE**

A.1. Ph.D., with first class or equivalent in the preceding degree. Specialization in the appropriate area/branch with consistently good academic record throughout. Candidates should have good

communication skills, a commitment to high quality undergraduate and postgraduate education, and demonstrated ability to carry out original and creative research. Specific qualifications and specialization areas sought in each academic unit are available as Annexure-I.

- A.2. Minimum 6 years Teaching/Research/Industrial experience of which at least 3 years should be at the level of Assistant Professor or equivalent in IITs or similar institutes of national importance or at an equivalent level in any other Indian or foreign institution/institutions of comparable standards.

B. PROFESSOR QUALIFICATION & EXPERIENCE

- B.1. Ph.D., with first class or equivalent in the preceding degree. Specialization in the appropriate area/branch with consistently good academic record throughout. Candidates should have good communication skills, a commitment to high quality undergraduate and postgraduate education, and demonstrated ability to carry out original and creative research. Specific qualifications and specialization areas sought in each academic unit are available as Annexure-I.
- B.2. Minimum 10 years Teaching/Research/Industrial experience of which at least 4 years should be at the level of Associate Professor or equivalent in IITs or similar institutes of national importance or at an equivalent level in any other Indian or foreign institution/institutions of comparable standards.

C. APPLICATION SUBMISSION AND DEADLINE:

- C.1. Applications are to be submitted online. The advertisement is available at (<https://home.iitd.ac.in/jobs-iitd/index.php>). As a precaution, after submitting the application through the website, please retain a copy of the application. In case of any queries regarding the application submission, please contact:

Faculty Recruitment Cell (E-I)
MS-207/C-18, 2nd Floor, Main Building,
Indian Institute of Technology Delhi,
Hauz Khas, New Delhi-110016, INDIA
Telephone: +91-11-2654-8733
E-mail: fac_recruit@admin.iitd.ac.in

- C.2. The completed application along with the supporting documents should be submitted **on or before December 31, 2025, 5:00 PM (IST)**
- C.3. Please login to our site (<https://ecampus.iitd.ac.in/IITDFR-0/login>) and check the status of the application.
- C.4. For any technical help regarding the application submission, please contact: eadminhelp@admin.iitd.ac.in or hodcc@admin.iitd.ac.in

D. INSTRUCTIONS FOR COMPLETING THE APPLICATION FORM

- D.1. The application form/data sheet is a summary sheet mainly for data collection for statutory and statistical purposes, and all sections as specified in D.2 of this document should be detailed in the Academic Profile as given below.

Separate online applications must be filled in if a candidate is applying for a faculty position in more than one academic unit (Department/Centre/School). Candidates having overlapping interests in more than one academic unit can be considered for joint appointment, if selected.

- D.2. Upload a detailed Academic Profile which includes the following information:
- D.2.1. Cover Letter.
 - D.2.2. Applicant profile with personal details and academic qualifications. All Educational qualification certificates including the date of Ph.D. Defense must be submitted/uploaded along with the application form.
 - D.2.3. Work Experience and detailed teaching plan, indicating core courses from the IITD Courses of Study list (available at the IITD website) that you can teach, and an expanded statement of your objectives and long-term interests in coursework development.
 - D.2.4. Awards and recognition: Name of the prize/award, awarded by, awarded for, year of the award.
 - D.2.5. Details of journal/conference papers and list of books published.
 - D.2.6. A detailed research plan highlighting your current and past research interests and achievements. Also, include your short- and long-term research plans. If applicable, highlight the accomplishments of research scholars guided, any sponsored research and consulting projects as PI or co-PI, industrial and administrative experience, patents, and technologies developed with the year and details about the patent, etc.
 - D.2.7. Any other activity like Continuing Education Programs/conferences organized (as an organizer or co-organizer) etc., service roles like institution building and student-centric roles.
 - D.2.8. List of referees who can be contacted to send letters of reference.

E. AREAS OF SPECIALISATION

- E.1. The document containing details of specific areas currently being sought for Associate Professor and Professor recruitment in different academic units is available as Annexure-I. Further details regarding various Departments, Faculty, Academic Programmes, and Areas of Research can be reviewed at the individual departmental websites and at www.iitd.ac.in.

F. PAY STRUCTURE

- F.1. ASSOCIATE PROFESSOR: (₹ 1,39,600 – 2,11,300/-) with Minimum Pay of ₹ 1,39,600/- in Academic Pay Level 13A2
- F.2. PROFESSOR: (₹ 1,59,100 – 2,20,200/-) with Minimum Pay of ₹ 1,59,100/- in Academic Pay Level 14A
- F.3. The posts carry allowances such as Dearness Allowance (DA), House Rent Allowance (HRA), Transport Allowance (TA) and telephone charges reimbursement as per Institute rules, which at present correspond to those admissible to Central Government employees stationed in Delhi. The benefits of LTC, Children Education Allowance, and contribution towards New Pension Scheme (NPS) shall be permissible as per GoI rules.
- F.4. Depending upon the qualifications and experience, a higher starting salary may be offered in deserving cases as decided by the Selection Committee.

G. OTHER SUPPORT FOR PROFESSIONAL ADVANCEMENT OF FACULTY

- G.1. For candidates joining the Institute from abroad - Reimbursement of one-way economy class airfare for travel for new recruits and his/her immediate family for joining the Institute from his/her current place of work abroad and relocation allowance up to a maximum of ₹2,50,000/- or actual whichever is less, subject to the condition that they serve the Institute for a minimum

period of 3 years.

- G.2. For candidates joining the Institute from within India - Reimbursement of one-way economy class airfare for travel for new recruits and his/her immediate family for joining the Institute from his/her current place of work in India and relocation allowance up to a maximum of ₹1,25,000/- or actual whichever is less, subject to the condition that they serve the Institute for a minimum period of 3 years for new recruits.
- G.3. A Professional Development Allowance (PDA) of ₹ 3 lakhs for every block period of 3 years (Rupees one lakh per year) is made available to every member of the faculty on reimbursable basis to meet the expenses for participation in national and international conferences, payment of membership fee of professional bodies and contingent expenses **(subject to revision on account of 7th CPC)**.
- G.4. Faculty members are eligible for certain Chair Professor Positions that entitle them to a grant of ₹ 5 lakhs per annum for an initial period of 3 years, extendable up to 5 years.
- G.5. The Institute endeavours to provide suitable accommodation to all faculty. However, initially new faculty may have to stay in transit accommodation inside or outside the campus. Newly joined faculty members can also avail accommodation outside the campus on lease till regular accommodation is provided in the campus. Institute supports payment of monthly rental of up to ₹ 60,500/- for the same.
- G.6. The Institute encourages interaction of the faculty with industry, other research and professional institutions for research projects and consultancy.
- G.7. 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 high performance computing. The Institute has a well-stocked library.
- G.8. Professional visits can be undertaken during vacation period for carrying out scientific research work.
- G.9. Flexible Sabbatical Leave facility to collaborate with other researchers and industry.
- G.10. Medical Insurance for cashless in-patient treatment in leading hospitals and free outpatient support in the well-equipped Institute Hospital for the employees and their dependents.
- G.11. Extending into an area of 320 acres, the campus is imaginatively laid out with a picturesque landscape with clean and wide roads. Most of the day-to-day facilities are available on the Campus including banks, post office, small shopping centre, play school, Crèche for children, hospital, sports facilities including a swimming pool and vast playgrounds for field games. Cultural facilities include film clubs, classical music societies, debating and drama, hobbies club and the Staff Club.

H. ADDITIONAL INFORMATION

- H.1. Candidates employed in Government and Semi-Government Organizations, Public Undertakings, University and Educational Institutions must apply with the consent of their present employers. If they anticipate unavoidable delay in their applications being forwarded through proper channel, they may submit advance copies of their applications through the portal with information to the Dean (Faculty), IIT Delhi or submit No Objection Certificate at the time of interview. All experience certificates mentioning designation, pay, and tenure must be duly signed and sealed by the employer.

Candidates should submit their valid SC/ST/OBC-NCL/PwBD/EWS certificates, issued by the competent authority in the prescribed format along with the application form in support of their claim. A current OBC-NCL/EWS certificate issued by the appropriate authority be submitted as per the prescribed format of Government of India.

- H.2. The Institute reserves the right to fill or not fill any or all the posts advertised.
- H.3. 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.
- H.4. The Institute reserves the right to call for interview only those candidates shortlisted on the basis of their qualification, experience, research, publication records, and requirements of individual academic units. Thus, merely fulfilling the minimum eligibility criteria will not vest any right on any candidate for being called for an interview. The decision of the Institute in all matters will be final.
- H.5. No correspondence whatsoever will be entertained from candidates regarding the reason for not being called for interview/outcome of interview.
- H.6. The Institute may consider candidates whose area of specialization and specific qualification lie outside those stated herein, provided these persons have an outstanding record.
- H.7. Outstation candidates called for personal interview will be reimbursed to & fro 2-Tier AC Railway fare or economy class airfare by the shortest route, between the current place of duty /residence within India and Delhi. If coming from abroad for a personal interview, reimbursement will be limited to Rs.40,000/- (Rupees forty thousand only) or the actual fare whichever is less based on the shortest route to Delhi. Air tickets should be booked through the following agencies.
- a. M/S Balmer Lawrie & Co. Ltd
 - b. M/S Ashoka Travels and Tours
 - c. M/S Indian Railways Catering and Tourism Corporation Ltd.
- H.8. The candidate is responsible for the correctness of the information provided in the application. If it is found later that any information given in the application is incorrect, appointment is liable to be cancelled/terminated.
- H.9. Candidates can get in touch with the Head of the concerned academic unit for additional information.

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Annexure-I for Advertisement No. IITD/2025/PROF-2 Dated 01.07.2025

Institute minimum shortlisting criteria for an Associate Professor (Required as on the last date of application)

- Ph.D. with 6 years' experience (excluding the experience gained while pursuing Ph.D.) of which at least 3 years should be as Assistant Professor Grade I in IIT, NIT or equivalent.
- Applicants should have a good track record of teaching basic and advanced courses. Teaching feedback can be sought for this purpose.
- At least 10 refereed conference/journal papers, of which at least 4 should be in reputed journals, out of which at least 2 should have been published in the last 3 years.
- Completed at least one sponsored R&D or consulting project as a PI or completed two sponsored R&D or consulting projects as a co-PI.

Institute minimum shortlisting criteria for a Professor (Required as on the last date of application)

- Ph.D. with 10 years' experience (excluding the experience gained while pursuing Ph.D.) of which at least 4 years should be as Associate Professor or equivalent.
- Applicants should have a good track record of teaching basic and advanced courses. Teaching feedback can be sought for this purpose.
- At least 20 refereed conference/journal papers, of which at least 8 should be in reputed journals, out of which at least 3 should have been published in the last 4 years.
- Should have guided independently at least one Ph.D. student or have guided at least two Ph.D. students jointly with other faculty/researchers.
- Must have completed:
 - a. One sponsored R&D or consulting project as a PI, and
 - b. One additional sponsored R&D or consulting project as a PI, or two additional sponsored R&D or consulting projects as a co-PI.

Additional criteria in academic units for Associate Professor and Professor positions

S. No.	Academic Unit	Associate Professor	Professor
1	DEPARTMENT OF APPLIED MECHANICS	<p style="text-align: center;">Areas For Recruitment</p> <p style="text-align: center;">Design and Optimization, Experimental Mechanics, High-Speed Flows, Wind Energy, Machine Learning in Mechanics, Digital Twin, Structural Health Monitoring, Bio-Mechanics</p> <p style="text-align: center;">Additional Criteria</p> <p>Publications: At least 10, of which at least 6 should be in reputed journals, out of which at least 3 in last 3 years. At least 05* publications in journals since moving to the position of Assistant Professor. Out of these publications, at least 03 should be in the last 3 years.</p> <p>*Publications will be counted as follows: a. For a publication with more than two faculty coauthors, if the applicant is the first author or the corresponding author, then he/she gets the full credit (count=01) irrespective of the number of faculty coauthors; otherwise, the applicant will get 0.5 count. b. A granted patent will be treated as one publication for shortlisting. In case, the patent has multiple faculty co-authors, point (a) will be used for counting the count. c. One book (with reputed publishing house) will be counted as 2 journal papers. d. Only SCI/SCIE listed journal publications will be counted for shortlisting.</p> <p>PhD Supervision: Submission of the Ph.D. thesis of at least 1# supervised student must be complete on the day of shortlisting. Co-supervised PhD theses (irrespective of number of supervisors) will have a count of 0.5.</p> <p>Sponsored Research: Completed at least one externally</p>	<p style="text-align: center;">Areas For Recruitment</p> <p style="text-align: center;">Design and Optimization, Experimental Mechanics, High-Speed Flows, Wind Energy, Machine Learning in Mechanics, Digital Twin, Structural Health Monitoring, Bio-Mechanics</p> <p style="text-align: center;">Additional Criteria</p> <p>Publications: At least 20 refereed conference/ journal papers* (of which at least 10 should be in reputed journals, out of which at least 6 in last 4 years). At least 08* publications in journals of repute since moved to the position of Associate Professor. Out of these publications, at least 06 should be in the last 4 years.</p> <p>*Publications will be counted as follows: a. For a publication with more than two faculty co-authors, if the applicant is the first author or the corresponding author, then he/she gets the full credit (count=01) irrespective of the number of faculty co-authors; otherwise, the applicant will get 0.5 count. b. A granted patent will be treated as one publication for shortlisting. In case, the patent has multiple faculty coauthors, point (a) will be used for counting the count. c. One book (with reputed publishing house) will be counted as 2 journal papers. d. Only SCI/SCIE listed journal publications will be counted for shortlisting.</p> <p>PhD Supervision: At least 3 PhD theses (viva-voce successfully completed), out of which at least 1 thesis has been guided independently. Co-supervised PhD theses (irrespective of number of supervisors) will have a count of 0.5.</p>

		funded R&D or consulting project as a PI or completed two externally funded R&D or consulting projects as co-PI (routine testing/ vetting -types consultancy project will not be counted).	Sponsored Research: 1 externally funded R&D or consulting project as PI and 1 additional externally funded R&D or consulting project as a PI, or 2 additional externally funded project as a Co-PI (routine testing/ vetting -types consultancy project will not be counted).
2	DEPARTMENT OF CIVIL ENGINEERING	<p style="text-align: center;">Areas For Recruitment</p> <p>Construction Engineering and Management: All specializations related to construction engineering and management are included. Candidates with Construction Management, Project Management background will be given preference.</p> <p>Environmental Engineering: Solid and hazardous waste engineering, Air pollution control engineering, Water and wastewater engineering, Environmental systems modelling, and Environmental impact analysis.</p> <p>Structural Engineering: All specializations related to Structural Engineering and Construction Materials are included. Candidates with Computational Mechanics background will be given preference.</p> <p>Transportation Engineering: Transportation and traffic planning, Transportation and traffic engineering, Pavement engineering, Freight logistics and planning, Travel behavior, Transport demand modeling, Transport network modeling, Pavement management, Connected Autonomous Vehicles, Traffic dynamics, AI-ML application in transportation engineering.</p> <p>Water Resources Engineering: All areas of Water Resources Engineering, including experimental and numerical modelling in hydraulics, hydrology, and groundwater. Remote sensing and GIS applications in water resources, agriculture, and hydrogeology.</p>	<p style="text-align: center;">Areas For Recruitment</p> <p>Construction Engineering and Management: All specializations related to construction engineering and management are included. Candidates with Construction Management, Project Management background will be given preference.</p> <p>Environmental Engineering: Solid and hazardous waste engineering, Air pollution control engineering, Water and wastewater engineering, Environmental systems modelling, and Environmental impact analysis.</p> <p>Structural Engineering: All specializations related to Structural Engineering and Construction Materials are included. Candidates with Computational Mechanics background will be given preference.</p> <p>Transportation Engineering: Transportation and traffic planning, Transportation and traffic engineering, Pavement engineering, Freight logistics and planning, Travel behavior, Transport demand modeling, Transport network modeling, Pavement management, Connected Autonomous Vehicles, Traffic dynamics, AI-ML application in transportation engineering.</p> <p>Water Resources Engineering: All areas of Water Resources Engineering, including experimental and numerical modelling in hydraulics, hydrology, and groundwater. Remote sensing and GIS applications in water resources, agriculture, and hydrogeology.</p>

		<p style="text-align: center;">Additional Criteria</p> <p>Eligibility Criteria: First class with a minimum of 70% marks or CGPA of 7.0/10 throughout in all the degrees previous to PhD.</p> <p>Academic Background: Bachelor's degree in engineering or technology in Civil/ Construction/ Environmental/ Structural/ Infrastructure or any other relevant degree in Engineering or Technology as found suitable by the Professorial Committee based on the recommendation from the respective Group.</p> <p>Publications: At least 12 refereed conference/ journal papers (of which at least 6 should be in reputed journals, out of which at 2 in the last 3 years). Journals falling in WEB OF SCIENCE would be considered as reputed journals for recommendation purposes.</p> <p>PhD Supervision: Candidates should have guided at least 0.5 PhD Students, or 2 additional papers from the work done by the PhD Students under her/his supervision (i.e. total of 8 papers) in reputed journals.</p> <p>Other:</p> <ul style="list-style-type: none"> • Completed at least one sponsored R&D or consulting project as a PI or completed two sponsored R&D or consulting projects as a Co-PI. • Minimum value of the research project shall be more than or equal to 15 lacs. Consultancy projects (Product/Process development, R&D-based Advice/Report, Software Development, and Design of Product/Structure) with a minimum value of 5 lacs would only be considered in lieu of a sponsored research project. • For candidates from industry/ research labs (without teaching experience) an additional 4 papers in reputed 	<p style="text-align: center;">Additional Criteria</p> <p>Eligibility Criteria: First class with a minimum of 70% marks or CGPA of 7.0/10 throughout in all the degrees previous to PhD.</p> <p>Academic Background: Bachelor's degree in engineering or technology in Civil/ Construction/ Environmental/ Structural/ Infrastructure or any other relevant degree in Engineering or Technology as found suitable by the Professorial Committee based on the recommendation from the respective Group.</p> <p>Publications: At least 24 refereed conference/ journal papers (of which at least 12 should be in reputed journals, out of which at 4 in the last 4 years). Journals falling in WEB OF SCIENCE would be considered as reputed journals for recommendation purposes.</p> <p>PhD Supervision: Candidates should have guided at least 2 PhD Students independently, or 1 independently plus 2 PhD Students jointly with other faculty/ researcher.</p> <p>Other:</p> <ul style="list-style-type: none"> • Completed: (a) One sponsored R&D or consulting project as a PI, and (b) One additional sponsored R&D or consulting project as a PI or two additional sponsored R&D or consulting projects as a Co-PI. • Minimum value of the research project shall be more than or equal to 15 lacs. Consultancy projects (Product/Process development, R&D-based Advice/Report, Software Development, and Design of Product/Structure) with a minimum value of 5 lacs would only be considered in lieu of a sponsored research project. • For candidates from industry/ research labs (without teaching experience) an additional 12
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		journals (i.e., a total of 12 papers) is required in addition to the above. For industry candidates with patents granted, a relaxation on the requirement of minimum number of publications can be given by 1 patent granted = 1 journal paper, if needed.	papers in reputed journals (i.e., a total of 24 journals papers) is required in addition to above. For industry candidates with patents granted, a relaxation on the requirement of minimum number of publications can be given by 1 patent granted= 1 journal paper, if needed.
3	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING	<p style="text-align: center;">Areas For Recruitment</p> <p>Artificial intelligence/machine learning and robotics; Security, Privacy and Reliability (incl. Cryptography, Formal verification and Software Engineering); Quantum computing, Systems (incl. Distributed and Parallel computing, Operating Systems, Networks, Databases, Computer Architecture, Cloud Computing, Compilers, Cyber-physical systems), Computer Graphics and Vision. Outstanding candidates in other areas of computer science will also be considered.</p> <p style="text-align: center;">Additional Criteria</p> <p>Candidates with an interdisciplinary or applied research focus are expected to demonstrate a strong research profile in core computer science areas.</p>	<p style="text-align: center;">Areas For Recruitment</p> <p>Artificial intelligence/machine learning and robotics; Security, Privacy and Reliability (incl. Cryptography, Formal verification and Software Engineering); Quantum computing, Systems (incl. Distributed and Parallel computing, Operating Systems, Networks, Databases, Computer Architecture, Cloud Computing, Compilers, Cyber-physical systems), Computer Graphics and Vision. Outstanding candidates in other areas of computer science will also be considered.</p> <p style="text-align: center;">Additional Criteria</p> <p>Candidates with an interdisciplinary or applied research focus are expected to demonstrate a strong research profile in core computer science areas.</p>
4	DEPARTMENT OF DESIGN	<p>IIT Delhi is looking for applicants in the domain of Industrial/Product Design, Visual Communication, and Interaction design with a research and practice focus on Health and Wellbeing, Sustainable Paradigms, Holistic and Inclusive Education, Culture and Tradition, and Policy and Implementation.</p> <p>The institute's shortlisting criteria for all the positions are applicable. However, the research publication requirement can be relaxed up to a maximum of 50 % if the applicant has demonstrated a high quality of design practice output of the same quantity as the relaxation sought (e.g., Design Awards/Recognition, Exhibitions, Screenings, Patents Granted, Technologies Transferred/Licensed, Products/Solutions in the Market, etc.). The faculty applicant thus mandatorily submits a portfolio of design outputs during the application as an attachment to the</p>	<p>IIT Delhi is looking for applicants in the domain of Industrial/Product Design, Visual Communication, and Interaction design with a research and practice focus on Health and Wellbeing, Sustainable Paradigms, Holistic and Inclusive Education, Culture and Tradition, and Policy and Implementation.</p> <p>The institute's shortlisting criteria for all the positions are applicable. However, the research publication requirement can be relaxed up to a maximum of 50 % if the applicant has demonstrated a high quality of design practice output of the same quantity as the relaxation sought (e.g., Design Awards/Recognition, Exhibitions, Screenings, Patents Granted, Technologies Transferred/Licensed, Products/Solutions in the Market, etc.). The faculty applicant thus mandatorily submits a portfolio of design outputs during the application as an attachment to the</p>

		online application form, like research papers.	online application form, like research papers.
5	DEPARTMENT OF ELECTRICAL ENGINEERING	<p>The department is seeking applications in the following focus areas</p> <p>A) Systems and Control</p> <ul style="list-style-type: none"> • Robotics and Autonomous Systems • Learning based and Data-Driven Control • Networked and Distributed Control and Optimization • Graph and Graph-Theoretic Control • Stochastic Control <p>B) Power Electronics and Electrical Machines</p> <ul style="list-style-type: none"> • Multi-physics-based power converter and machine design • WBG power modules packaging and heterogeneous integration • Medium voltage grid connected power electronics and drives • EMI/EMC compliant design of power converters • Power electronics, machine design and drives for upcoming applications • Pulsed power converter design • Converter/component reliability • Application of AI in power electronic design <p>C) Power Systems</p> <ul style="list-style-type: none"> • Distribution System Analysis and Optimization • System Aspects of Storage and EVs • Electricity Markets • Smart grids • Renewables and DER integration into grid • Cyber security in power systems <p>D) Computer Technology</p> <ul style="list-style-type: none"> • Multisensory perception and cognition 	<p>The department is seeking applications in the following focus areas</p> <p>A) Systems and Control</p> <ul style="list-style-type: none"> • Robotics and Autonomous Systems • Learning based and Data-Driven Control • Networked and Distributed Control and Optimization • Graph and Graph-Theoretic Control • Stochastic Control <p>B) Power Electronics and Electrical Machines</p> <ul style="list-style-type: none"> • Multi-physics-based power converter and machine design • WBG power modules packaging and heterogeneous integration • Medium voltage grid connected power electronics and drives • EMI/EMC compliant design of power converters • Power electronics, machine design and drives for upcoming applications • Pulsed power converter design • Converter/component reliability • Application of AI in power electronic design <p>C) Power Systems</p> <ul style="list-style-type: none"> • Distribution System Analysis and Optimization • System Aspects of Storage and EVs • Electricity Markets • Smart grids • Renewables and DER integration into grid • Cyber security in power systems <p>D) Computer Technology</p> <ul style="list-style-type: none"> • Multisensory perception and cognition

		<ul style="list-style-type: none"> • Generative AI • Edge intelligence • Quantum Computing and Neuro-morphic computing • Intelligent HMI, Sustainable Computing <p>E) Communications</p> <ul style="list-style-type: none"> • Photonics, Optical Communications & Networking • 6G and advanced Communication • AI/ML for Wireless Communications (with focus on LLMs, AGI, etc) • Radio propagation measurement and RF channel modeling experimentation • Wireless systems implementation <p>F) Integrated Electronic Circuits and Devices</p> <ul style="list-style-type: none"> • Integrated Circuit Design • Heterogenous Integration and Systems Packaging • Quantum Computing Devices and Circuits • Semiconductor Process Integration and Technology <p>Exceptionally skilled candidates in other areas may also be considered on case-by-case basis</p> <p style="text-align: center;">Academic Background:</p> <p>Basic (Bachelor's/Master's) degree must be in one of the following (or in equivalent specialization):</p> <ul style="list-style-type: none"> • B.Tech. Electrical Engineering • B.Tech. Electrical and Electronics Engineering • B.Tech. Electronics and Communication Engineering • B.Tech. Control/Instrumentation • B.Tech. Computer Science • B.Tech. Information Technology • B.Tech. Energy Studies • Integrated Master's degree or equivalent in the areas listed above. • In exceptional cases: The basic degree can be in any 	<ul style="list-style-type: none"> • Generative AI • Edge intelligence • Quantum Computing and Neuro-morphic computing • Intelligent HMI, Sustainable Computing <p>E) Communications</p> <ul style="list-style-type: none"> • Photonics, Optical Communications & Networking • 6G and advanced Communication • AI/ML for Wireless Communications (with focus on LLMs, AGI, etc) • Radio propagation measurement and RF channel modeling experimentation • Wireless systems implementation <p>F) Integrated Electronic Circuits and Devices</p> <ul style="list-style-type: none"> • Integrated Circuit Design • Heterogenous Integration and Systems Packaging • Quantum Computing Devices and Circuits • Semiconductor Process Integration and Technology <p>Exceptionally skilled candidates in other areas may also be considered on case-by-case basis</p> <p style="text-align: center;">Academic Background:</p> <p>Basic (Bachelor's/Master's) degree must be in one of the following (or in equivalent specialization):</p> <ul style="list-style-type: none"> • B.Tech. Electrical Engineering • B.Tech. Electrical and Electronics Engineering • B.Tech. Electronics and Communication Engineering • B.Tech. Control/Instrumentation • B.Tech. Computer Science • B.Tech. Information Technology • B.Tech. Energy Studies • Integrated Master's degree or equivalent in the areas listed above.
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		<p>other engineering discipline or M.Sc. Physics (Electronics Specialization), provided Master's and Ph.D. degree are in Electrical Engineering/Electronics Engineering/Computer Science & Engineering.</p> <ul style="list-style-type: none"> • In the case of specialization in Control Engineering, in view of its interdisciplinary nature, degrees in other engineering disciplines can be considered with minor area in Electrical Engineering/Electronics Engineering/Computer Science & Engineering for exceptional cases. • First class or equivalent grade in ALL degrees in respective discipline, with a consistently good academic record. <p>Publications and Ph. D Supervision:</p> <ul style="list-style-type: none"> • At least twelve refereed conference/journal publications (of which at least seven publications should be in refereed journals of repute). • At least four publications in refereed journals of repute in the last three years. • Successful supervision of at least one Ph.D. student singly or jointly. • Short-listing as special cases: Additional three papers in reputed journals in lieu of one Ph.D. guidance singly/jointly. <p>Sponsored/Consultancy Projects: Completed:</p> <ul style="list-style-type: none"> • At least one sponsored R&D or consulting project as a PI <p>or</p> <p>completed two sponsored R&D or consulting project as a co-PI.</p>	<ul style="list-style-type: none"> • In exceptional cases: The basic degree can be in any other engineering discipline or M.Sc. Physics (Electronics Specialization), provided Master's and Ph.D. degree are in Electrical Engineering/Electronics Engineering/Computer Science & Engineering. • In the case of specialization in Control Engineering, in view of its interdisciplinary nature, degrees in other engineering disciplines can be considered with minor area in Electrical Engineering/Electronics Engineering/Computer Science & Engineering for exceptional cases. • First class or equivalent grade in ALL degrees in respective discipline, with a consistently good academic record. <p>Publications and Ph. D Supervision:</p> <ul style="list-style-type: none"> • At least twenty-three refereed conference/journal publications (of which at least fourteen publications should be in refereed journals of repute). • At least five publications in refereed journals of repute in the last four years. • Should have successfully guided independently at least one Ph.D. student or have guided at least two Ph.D. students jointly with other faculty/researchers. <p>Sponsored/Consultancy Projects: Completed:</p> <ul style="list-style-type: none"> • One sponsored R&D or consulting project as a PI <p>and</p> <p>One more sponsored R&D or consulting project as a PI, or two sponsored R&D or consulting projects as a co-PI.</p>
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6	DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES	Early-modern/modern South Asian History. Candidate must have a PhD in History.	Early-modern/modern South Asian History. Candidate must have a PhD in History.
7	DEPARTMENT OF MECHANICAL ENGINEERING	<p>All areas of Design, Production and Industrial Engineering - Operations Research & Analytics that are aligned with the current and projected research areas of the Department.</p> <ul style="list-style-type: none"> • Publications: At least 10 refereed conference/journal papers (of which at least 4 should be in reputed journals, out of which at least 2 in last 3 years) • Sponsored Projects: Completed at least one sponsored R&D or consulting project as a PI or completed two sponsored R&D or consulting projects as a co-PI. <ul style="list-style-type: none"> • Other: Should have demonstrated capability for good teaching 	<p>All areas of Design, Production and Industrial Engineering - Operations Research & Analytics that are aligned with the current and projected research areas of the Department.</p> <ul style="list-style-type: none"> • Publications: At least 20 refereed conference/journal papers (of which at least 8 should be in reputed journals, out of which at least 3 in last 4 years), • Ph.D. Supervision: Should have guided independently at least one Ph.D. student, or have guided at least two Ph.D. students jointly with other faculty/researchers and • Sponsored Projects: Completed <ul style="list-style-type: none"> a. One sponsored R&D or consulting project as a PI, and b. One more sponsored R&D or consulting project as a PI, or two sponsored R&D or consulting projects as a co-PI. • Other: Should have demonstrated excellence in teaching
8	DEPARTMENT OF TEXTILE & FIBRE ENGINEERING	<p>Areas For Recruitment Fiber science and technology, fibre melt/solution spinning, fibre and polymer characterization, high performance fibres, functional fibres, man-made fibers, polymerization processes, polymer processing, polymer chemistry and physics, structure-property correlation in fibres and polymer. Staple fibre-to-yarn engineering, yarn structure-property correlation, yarn testing and characterization, specialty and technical yarns. Woven, knitted, nonwoven and braided fabric manufacturing technologies and structures; AI/ML/Computational modelling & simulation of textiles, fabric reinforced composites, fabric structure-property</p>	<p>Areas For Recruitment Fiber science and technology, fibre melt/solution spinning, fibre and polymer characterization, high performance fibres, functional fibres, man-made fibers, polymerization processes, polymer processing, polymer chemistry and physics, structure-property correlation in fibres and polymer. Staple fibre-to-yarn engineering, yarn structure-property correlation, yarn testing and characterization, specialty and technical yarns. Woven, knitted, nonwoven and braided fabric manufacturing technologies and structures; AI/ML/Computational modelling & simulation of textiles, fabric reinforced composites, fabric structure-property</p>

		<p>relationships, textile management (operations, supply chain, and finance). Dyestuff and auxiliaries engineering, sustainable textile processing, effluent treatment in textiles, nanotechnology in textile processing, smart and responsive coatings, machinery and controls in chemical processing, data-driven optimization in chemical processing.</p> <p>Additional Criteria</p> <p>Publications: At least 10 papers in SCI indexed journals papers. Review papers shall not be considered. Out of which at least 3 in last 3 years. Review papers shall not be considered.</p> <p>PhD Supervision: At least 1 PhD candidate independently OR at least 2 PhD students jointly right from the beginning. In all the cases, the theses should have been successfully defended.</p> <p>Sponsored Research: Should have submitted and completed at least 1 sponsored R&D project as PI. The value of each project as mentioned above should be at least Rs.10 lakh and funded by an external agency.</p>	<p>relationships, textile management (operations, supply chain, and finance). Dyestuff and auxiliaries engineering, sustainable textile processing, effluent treatment in textiles, nanotechnology in textile processing, smart and responsive coatings, machinery and controls in chemical processing, data-driven optimization in chemical processing.</p> <p>Additional Criteria</p> <p>Publications: At least 20 papers in SCI journal (out of which at least 4 in last 4 years). Review papers shall not be considered.</p> <p>PhD Supervision: At least 2 PhD candidates independently OR at least 1 PhD candidate independently and at least 2 PhD students jointly right from the beginning. In all the cases, the theses should have been successfully defended.</p> <p>Sponsored Research: Should have submitted and completed at least 2 projects as PI. Value of each project at least Rs.25 lakh, funded by an external funding agency.</p>
9	CENTRE FOR ATMOSPHERIC SCIENCES (CAS)	<p>“The Centre for Atmospheric Sciences is looking for candidates in the following areas: Biogeochemical Cycles; Cryosphere and Climate; Observational Oceanography; Weather and Climate Forecasting; and Meteorological Observations.</p> <p>Exceptional candidates in all the other areas of atmospheric and oceanic sciences, especially those with expertise in climate solutions, will also be considered.”</p> <p>Publication Record: At least ten high-quality papers were published in reputed journals, with at least three papers in the last three years demonstrating excellence in scientific research areas</p>	Not Hiring

		Ph.D. with six years post-Ph.D. experience (excluding the experience gained while pursuing Ph.D.), of which at least three years should be as Assistant Professor (or equivalent) excluding the period of contractual appointment Candidates from outside of the IIT system should have served at least three years in Assistant Professor Grade I pay scale	
10	CENTRE FOR AUTOMOTIVE RESEARCH IN TRIBOLOGY (CART)	Areas: Vehicular Telematics and Embedded system for EVs, Connected and Autonomous EVs, Vehicle Propulsion, Automotive body design and crash analysis, Automotive Component Design, Battery Electrochemical Modelling, EV Thermal Management, Vehicle Aerodynamics, Dynamical System modelling and simulation	Areas: Vehicular Telematics and Embedded system for EVs, Connected and Autonomous EVs, Vehicle Propulsion, Automotive body design and crash analysis, Automotive Component Design, Battery Electrochemical Modelling, EV Thermal Management, Vehicle Aerodynamics, Dynamical System modelling and simulation
11	CENTRE FOR RURAL DEVELOPMENT & TECHNOLOGY (CRDT)	Areas are as follows 1. Bioenergy and biofuels 2. Water and soil conservation practices at watershed level; 3. Food biochemistry with rural application; 4. Decentralised drinking water treatment systems with rural application 5. Climate Change adaptation for rural areas 6. Digital/IT in rural application Additional Criteria Academic Background: First class or equivalent grade in all preceding degrees and certificates in respective discipline including higher secondary and senior secondary, with a consistently good academic record. Publications: Should have published as corresponding author at least 6 research articles in reputed journals listed in SCI or WoS during the period as Assistant Professor. Sponsored Research: Should have at least one sanctioned externally funded sponsored R&D project as a PI during the	Areas are as follows 1. Bioenergy and biofuels 2. Water and soil conservation practices at watershed level; 3. Food biochemistry with rural application; 4. Decentralised drinking water treatment systems with rural application 5. Climate Change adaptation for rural areas 6. Digital/IT in rural application Additional Criteria Academic Background: First class or equivalent grade in all preceding degrees and certificates in respective discipline including higher secondary and senior secondary, with a consistently good academic record. Publications: Should have published as corresponding author at least 8 research articles in reputed journals listed in SCI or WoS during the period as Associate Professor. Sponsored Research: Should have at least one sanctioned externally funded sponsored R&D project and completed at

		<p>period as Assistant Professor.</p> <p>The minimum cumulative value of all externally funded sponsored R&D project for this purpose shall be Rupees 20 (twenty) lakhs of external funding.</p> <p>PhD Supervision: Should have guided (PhD awarded) at least one Ph D Student.</p> <p>Other: Research and publications should be consistently aligned with the rural application.</p>	<p>least one externally funded sponsored R&D project as PI during the period as Associate Professor.</p> <p>Completed at least two externally funded sponsored R&D project as a PI.</p> <p>The minimum cumulative value of all externally funded sponsored R&D project for this purpose shall be Rupees 70 lakhs.</p> <p>PhD Supervision: Should have guided (PhD awarded) at least two Ph D Students independently or four PhD students jointly with other faculty/researchers since promotion to Associate Professor.</p> <p>Other: Research and publications should be consistently aligned with the rural application.</p> <p>Should have demonstrated at least one technology development and transfer/outreach activity.</p>
12	OPTICS AND PHOTONICS CENTRE (OPC)	AL/ML in Photonics, Quantum Photonics, THz Photonics, Ultrafast Photonics, and Computational Imaging.	AL/ML in Photonics, Quantum Photonics, THz Photonics, Ultrafast Photonics, and Computational Imaging.
13	KUSUMA SCHOOL OF BIOLOGICAL SCIENCES (KSBS)	Infectious diseases and non-communicable disorders, Computational Biology (including AI/ML Applications), Genomics (including Epigenomics), Structural Biology (including Protein engineering) and Neurosciences.	Infectious diseases and non-communicable disorders, Computational Biology (including AI/ML Applications), Genomics (including Epigenomics), Structural Biology (including Protein engineering) and Neurosciences.
14	SCHOOL OF PUBLIC POLICY (SOPP)	<p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>The applicants must have a demonstrated track record of research in the area of public policy with a broad focus on Science, Technology & Innovation (STI) and Development, and expertise in one or more of the specific areas of (1) Energy & Environment (2) Health innovations & systems (3) Sustainable Habitats (4) Agriculture, Food & Water (5)</p>	<p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>The applicants must have a demonstrated track record of research in the area of public policy with a broad focus on Science, Technology & Innovation (STI) and Development, and expertise in one or more of the specific areas of (1) Energy & Environment (2) Health innovations & systems (3) Sustainable Habitats (4) Agriculture, Food & Water (5) Industry &</p>

		<p>Industry & Economy (6) Internet, Digital Information & Society (7) Innovation Systems & Processes, and (8) Technical Higher Education.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: At least 10 S&T-policy-oriented papers, in journals or published peer-reviewed conferences (or equivalent in terms of authored books or book chapters), of which at least 5 should be in reputed venues with at least 2 in the last 3 years.</p>	<p>Economy (6) Internet, Digital Information & Society (7) Innovation Systems & Processes, and (8) Technical Higher Education.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: At least 20 S&T-policy-oriented papers, in journals or published peer-reviewed conferences (or equivalent in terms of authored books or book chapters), of which at least 10 should be in reputed venues with at least 3 in the last 4 years.</p>
15	SCHOOL OF ARTIFICIAL INTELLIGENCE (ScAI)	<p>In all areas of Artificial Intelligence, with sub-areas of interest including (but not limited to) Machine Learning Theory & Optimization, Deep Learning, Representational Frameworks, Computer Vision, Natural Language Processing, Data Science and Data Fusion, Information Retrieval & Recommender Systems, Learning on Graphs, Robotics, Multi-agent Systems, Embodied AI, Reinforcement learning, Responsible AI, Fairness in AI based systems, and Applications of AI to Domain areas such as Healthcare, Physical Systems including Energy Materials and Earth Observation, Human-in-loop Optimization, Generative Design, Scientific Computing, Cognitive and Social Sciences, among others. Additional areas of interest include AI for Edge Computing, AI for Hardware Based Optimization, AI for Mobility, Federated Learning & AI Privacy, AI & Cybersecurity and AI for Policy and Governance. Yardi School of AI strongly encourages applicants who have significant AI depth and/or have a demonstrated track-record of working at the intersection of an application area and the AI fields. More details are found at https://scai.iitd.ac.in</p> <p>Publication Record: Candidate is required to fulfil a minimum requirement of 10 papers in the indexed journal/conferences. At least 4 of these papers should be in reputed venues, and at least 2 out of these four should have</p>	<p>In all areas of Artificial Intelligence, with sub-areas of interest including (but not limited to) Machine Learning Theory & Optimization, Deep Learning, Representational Frameworks, Computer Vision, Natural Language Processing, Data Science and Data Fusion, Information Retrieval & Recommender Systems, Learning on Graphs, Robotics, Multi-agent Systems, Embodied AI, Reinforcement learning, Responsible AI, Fairness in AI based systems, and Applications of AI to Domain areas such as Healthcare, Physical Systems including Energy Materials and Earth Observation, Human-in-loop Optimization, Generative Design, Scientific Computing, Cognitive and Social Sciences, among others. Additional areas of interest include AI for Edge Computing, AI for Hardware Based Optimization, AI for Mobility, Federated Learning & AI Privacy, AI & Cybersecurity and AI for Policy and Governance. Yardi School of AI strongly encourages applicants who have significant AI depth and/or have a demonstrated track-record of working at the intersection of an application area and the AI fields. More details are found at https://scai.iitd.ac.in</p> <p>Publication Record: Candidate is required to fulfil a minimum requirement of 20 papers in the indexed journal/conferences. At least 8 of these papers should be in reputed venues, and at least 3 out of these eight should have</p>

		been published during the last 3 years period. The candidate should have demonstrated overall quality of the research work, and its impact and relevance for AI.	been published during the last 4 years period. The candidate should have demonstrated overall quality of the research work, and its impact and relevance for AI.
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INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI - 110 016
(Establishment I Section)

संख्या/ No. IITD/IESI/2023/190571

दिनांक/ Dated: 20.09.2023

Subject: Eligibility of the Persons with Benchmark Disabilities (PwBD) for recruitment at IIT Delhi for different Academic positions: regd

A committee was constituted titled "Committee for recruitment issues related to Persons with Benchmark Disabilities (PwBD)" with a mandate to identify faulty positions that can be held by Persons with Benchmark Disabilities (PwBD). The committee submitted its recommendations for the consideration of the Board of Governors (BoG). The Board of Governors (BoG) in its meeting dated 11.08.2023 approved the recommendations of the committee vide resolution number **BG/04/2023**.

The following policy points are approved by the Board of Governors (BoG):

1. Only such persons will be eligible for reservation in service who suffer from not less than 40% of relevant disability duly certified by the Competent Medical Board.
2. As per the Government of India (GoI) rules, in case of direct recruitment, four (04) percent of the total vacancies are to be filled up by direct recruitment in the cadre strength in each group of posts, i.e., Groups A, B, C and D, shall be reserved horizontally for persons with benchmark disabilities.
3. An institute-level reservation will be applicable for PwBDs. No separate academic unit-wise roster will be prepared.
4. The selection committee may take the final call on the ability of the PwBD candidate to undertake research and teaching assignments at IIT Delhi based on their disability as stated in the following table:

Designation	Physical Requirement	Category	Nature of work to be performed	Working condition
Professor, Associate Professor, Assistant Professor and other non-teaching Academic positions.	S (Sitting), SE (Seeing), W (Walking), BN (Bending), MF (Manipulation with fingers)	(a) B (Blind) LV (Low Vision) (b) D (Deaf) HH (Hard of Hearing) (c) OA (One Arm), BA (Both Arms), OL (One Leg), BL (Both Leg), OAL (One Arm and One Leg), LC (Leprosy Cured), Dw (Dwarfism), AAV (Acid Attack Victims) (d) ASD (Autism Spectrum Disorder (M=Mild), SLD (Specific Learning Disability), MI (Mental Illness) (e) MD (Multiple Disabilities) involving (a) to (d) above	They teach UG/PG students under Science/Engineering/ Humanities and Social Science Management/ Policy and Design. They conduct research and guide research work. They deliver lectures and conduct seminars & workshops, set examination papers and evaluate answer books. Maintain class registers and records.	The work is performed mostly inside. The work places are well lighted and assessable. Incumbent needs to be considered with appropriate software and aids & appliances.

The above guidelines are forwarded for necessary information.

(देबरंजन मुखर्जी) / (Debranjana Mukherjee)

उप कुलसचिव (स्था.- I) / Deputy Registrar (Estt.-I)

To: Heads of all academic units

Copy: DR Director's Office
Dean (Faculty)