INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI – 110 016

Rolling Advertisement No.IITD/2019/E-I/RA-1
(for faculty positions at Associate Professor and Professor levels)

IIT Delhi invites applications from well qualified Ph.D Degree holders\(^1\) for the following faculty positions at the level of **Professor** and **Associate Professor** in its various academic Departments, Centres and Schools.

**This is a rolling advertisement. There is no last date.** However, the processing of the applications by the Departments/ Centres/Schools will be done in two cycles every year and the deadlines are respectively First Cycle – 31\(^{st}\) December and Second Cycle – 30\(^{th}\) June of the respective year.

**Table-A: Departments/ Centres/ Schools**

<table>
<thead>
<tr>
<th>Post</th>
<th>Pay Level</th>
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</thead>
<tbody>
<tr>
<td>Professor</td>
<td>Rs.1,59,100 – 2,20,200/- (minimum pay of Rs.1,59,100/-) in Academic Level 14A</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>Rs.1,39,600 – 2,11,300/- (minimum pay of Rs.1,39,600/-) in Academic Level 13A2</td>
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</tbody>
</table>

**Table-B: Computer Services Centre**

<table>
<thead>
<tr>
<th>Post</th>
<th>Pay Level</th>
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<tbody>
<tr>
<td>Sr. System Manager (SG)</td>
<td>Rs.1,59,100 – 2,20,200/- (minimum pay of Rs.1,59,100/-) in Academic Level 14A</td>
</tr>
<tr>
<td>System Manager</td>
<td>Rs.1,39,600 – 2,11,300/- (minimum pay of Rs.1,39,600/-) in Academic Level 13A2</td>
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- **HRA and other allowances will be as per the Central Government Rules.**
- **Institute specifically encourages applicants from SC/ST/OBC category as well as persons with disability to apply for these positions**

\(^1\) Joining of Foreign Nationals, if selected, will be conditional to work visa from GOI and be on 5 years renewable contract basis.
DEPARTMENTS:

1. **APPLIED MECHANICS**: Design Engineering, Solid Mechanics, Fluid Mechanics and interdisciplinary areas of Mechanics including but not restricted to Biomechanics, Nanomechanics, Multifunctional materials, Solid-Fluid interactions, Naval Architecture, etc.

2. **BIOCHEMICAL ENGG. & BIOTECHNOLOGY**: Chemical Engineering or Biochemical Engineering. *Special consideration will be given to candidates specializing in Bioreaction Engineering or Metabolic Engineering & Bioseparations. Only exceptional candidates in other areas will be considered.*

3. **CHEMICAL ENGG**: Undergraduate education in chemical or allied engineering disciplines.

4. **CHEMISTRY**: Professor: Synthetic Organic Chemistry, Associate Professor: Electrochemistry, Nucleic acid Biochemistry.

   
   **NOTE**: The candidate should have B.E./B.Tech. or equivalent degree in Engineering with Ph.D. in the relevant area.


7. **DESIGN**: Industrial Design, Product Design, Engineering Design, Creativity and innovation, Design Theory & Methodology, Applied Ergonomics and Human Factors in Design, Universal and Inclusive Design, Design for UX/UI, HCI; Graphic

8. **ELECTRICAL ENGG:** In all areas of Electrical Engineering including Electronics & Circuits, Control & Automation, Communication, Computer Engineering, Power Systems, Power Electronics, Machines & Drives.

9. **HUMANITIES & SOCIAL SCIENCES:** Economics (specialization in Macroeconomics is desired. However, exceptionally good candidates in any other specializations in Economics are also encouraged to apply) English Literature, Linguistics, Philosophy, Psychology, Sociology.


12. **MATHEMATICS:** All areas of Pure and Applied Mathematics, Theoretical Computer Science, Probability and Statistics.


14. **PHYSICS:** All Areas of Physics.

15. **TEXTILE TECHNOLOGY:** Chemical Processing, Fabric Manufacturing, Yarn Manufacturing, Fibre Science.

17. **ATMOSPHERIC SCIENCES**: Ocean Modelling, Climate Modelling, Mesoscale Studies, Atmospheric dispersion.

18. **BIOMEDICAL ENGG.**: Bio-Instrumentation: Electrical Engg., Electronics, Medical Sensors (For all level), Biomechanics: Medical Implants, Mechanical Engg., Design Engg., Production Engg., Material Science & Engg. (For all level), Bio-Imaging: Electrical, Electronics, Optical (For all level), Biomaterials: Manufacturing, Processing, Characterization (For Associate Professor/Professor).

19. **ENERGY STUDIES**: For Professor: Photovoltaic Devices and Systems, Plasma Science and Technology. For Associate Professor: Solar Thermal Technology, Experimental Plasma Science and Technology.


**SCHOOLS:**

22. **BHARTI SCHOOL OF TELECOMMUNICATION TECHNOLOGY AND MANAGEMENT**: All areas of telecom technology and management.

23. **AMAR NATH & SHASHI KHOSLA SCHOOL OF INFORMATION TECHNOLOGY**: Computational Neuroscience, Medical Applications of Information Technologies,

24. **KUSUMA SCHOOL OF BIOLOGICAL SCIENCES:** For Professor: Protein Engineering & Protein Aggregation, For Associate Professor: Basic Fundamental Research in Biological Sciences in the areas of Structural Biology, Infectious Diseases & Non-communicable Disorders, Cognitive & Computational Neurosciences.

25. **PUBLIC POLICY:** The applicants must have a demonstrated track record of research in the area of public policy with 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 & Economy (6) Internet, Digital Information & Society (7) Innovation Systems & Processes, and (8) Technical Higher Education. For further details, please see http://ssp.iitd.ac.in/

**MINIMUM QUALIFICATION AND EXPERIENCE FOR POSITIONS LISTED IN TABLE-A:**

Ph.D. with First class or equivalent grade at the preceding degree in an appropriate branch/discipline with a good academic record throughout.

**EXPERIENCE (Required on the date of application):**

**PROFESSOR:**
Minimum 10 years Teaching/Research/Industrial experience of which at least 4 years should be at the level of Associate Professor in IITs or in similar institutes of national importance or at an equivalent level in any other Indian or foreign institutions /institutions of comparable standards.

**ASSOCIATE PROFESSOR:**
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 institutions /institutions of comparable standards.

The following are applicable for the posts mentioned in Table-A:
(i) Start-up seed grant of up to Rs. 20.00 lakhs to develop the necessary research capability in the area of his/her expertise and to support the significant progress made towards the research goals set for oneself. The Institute also provides an additional grant of Rs. 30,00,000/- (Rupees thirty lakh only) as matching grant to build new capability / high-value research facilities into
emerging areas via special project funding from external agencies. These are to be availed within 3 years of joining. The strategic goal of this fund is to aim for winning bigger projects.

(ii) A cumulative **Professional Development Allowance** (PDA) of Rs. 3 lakhs for every block period of 3 years is available to every member of the faculty to meet the expenses for participating in both National and International Conferences, paying the membership fee of various professional bodies, books and periodicals and contingent expenses.

(iii) Reimbursement of telephone bills up to a ceiling of Rs.2700/- per month.

(iv) There is provision for payment of relocation allowance to faculty joining the Institute from abroad or from elsewhere in India as per Institute rules, details of which are available on the Institute website.

(v) Institute has numerous Chair Professor positions sponsored by Alumni or Industry that entitle faculty members (Professors) to a research grant ranging from Rs. 2.00 lakhs – Rs. 6.00 lakhs per year for up to 5 years.

**MINIMUM QUALIFICATION AND EXPERIENCE FOR POSITIONS LISTED IN TABLE-B:**

**COMPUTER SERVICES CENTRE Specializations:**


**Network Programming:** Firewalls, Network Management, Mail Configuration and Management, Webhosting, VPN, Proxies, https, Programming and Monitoring of Switches, Routers, Hubs, etc.

**Applications:** Web Application Development, Database Management, and Administration, Web Security, Scripting, CMS, Java, Spring, Hibernate, Reporting Tools like Jasper, Framework knowledge of different Languages/Scripting Languages, SVN.

**General requirement (Optional):** CCNA, CDCP, PMBOX, Vmware, Java, ITIL , etc. certification will be optional at Senior and Middle-level positions (for Sr. System Manager(SG) and System Manager). Certification on any of the above at entry level (System Architect level) is mandatory.

**Sr. SYSTEM MANAGER (SG):**

- Ph.D. in Computer Science/Engineering/Applied Sciences with 10 years experience **OR**
- M.Tech. in Computer Science/Engineering/Applied Sciences with 12 years experience **OR**
- B.Tech. or M.Sc. in Computer Science/Engineering/Applied Sciences or M.C.A. with 14 years experience; and
• First class or equivalent grade in all university-level degrees in respective discipline, with a consistently good academic record;
• Strong academic background and work experience with computer systems or computer systems/applications software (including high-performance computing) or computer networks;
• Proven technical competence in managing a large complex of computer systems or computer systems/applications software or computer networks or computer/network services; and
• Proven managerial ability to manage a Center offering computer, software or network services, and interfacing with the user community.

SYSTEM MANAGER:
• Ph.D. in Computer Science/Engineering/Applied Sciences with 8 years experience OR
• M.Tech. in Computer Science/Engineering/Applied Sciences with 10 years experience OR
• B.Tech. or M.Sc. in Computer Science/Engineering/Applied Sciences or M.C.A. with 12 years experience; and
• First class or equivalent grade in all university-level degrees in respective discipline, with a consistently good academic record;
• Strong academic background and work experience with computer systems or computer systems/applications software (including high-performance computing) or computer networks; and
• Proven technical competence in managing a large complex of computer systems or computer systems/applications software or computer networks or computer/network services.

NOTES:
• The areas mentioned above against each Department/Centre/School are only indicative and not exhaustive. The Institute is open to receiving applications from candidates with specialization in these and other related areas.
• Government of India policy on reservation of faculty positions/Computer Programming Staff as applicable to IITs, including that for persons with disability, will apply.
• The minimum requirement of qualifications and/or experience may be relaxed in respect of exceptionally outstanding candidates in certain areas.
• A mere fulfillment of required minimum qualifications and experience does not entitle a candidate to be called for an interview/discussion.
• The Institute reserves the right to fill or not to fill the posts advertised.
• 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.
• Depending upon the qualification and experience, a higher start/salary may be offered in deserving cases.

• Separate online applications must be filled, if a candidate is applying for a faculty position in more than one Departments/Centres/or Schools. Candidates having overlapping interests in more than one Department can be considered for joint appointment (if selected).

• The candidates called for interview will be paid AC2-Tier by Train/Economy Class by Air or actual expenditure and AC Taxi by road (from Airport/Railway Station/ISBT and back) fare from their place of residence/work and back by the shortest route within India.

• Persons employed in Government/Semi-Government Organization or Educational Institutions must apply through proper channel OR shall provide “No Objection Certificate” while applying or at the time of interview.

IIT Delhi makes every attempt to help faculty members settle in their academic role and to grow professionally. Further details are available at (https://recruit.iitd.ac.in).

ACCOMMODATION: Suitable residential accommodation as per Institute rules shall be provided on the Campus on joining the Institute (this is subject to availability). With the renovation of many apartments, almost all interested new faculty members would be able to get an apartment soon in the Campus. Faculty members can avail accommodation outside the campus on lease till regular accommodation is provided in the campus. Institute supports payment of monthly rental of up to Rs.35,000/- for the same.

ABOUT THE CAMPUS: Extending into an area of 320 acres, the campus is imaginatively laid out with a picturesque landscape with clean and wide roads. The campus provides all essential amenities for community living including Staff Club, Sports Complex (both indoor & outdoor) Hospital, Shopping Centre, Banks, ATMs, Post Office, numerous food courts, Community Centre, etc.

HOW TO APPLY: It is a requirement that candidates visit the IIT Delhi website (http://www.iitd.ac.in/jobs-iitd/index.html) prepare and submit online the completed application for appointment against the above positions. The website also contains useful information on various aspects of working and living at IIT Delhi and in the recruitment process.

As a precaution, after submitting the application through the website, please retain a printed copy of the application. Candidates employed with Government/Semi-Government Organizations or with Autonomous Bodies must print a copy of the electronic submission and submit the printed version through proper channel at the address given below.
Candidates who have applied online may please log in to our site (https://recruit.iitd.ac.in) and check the status whether their application has been received or not.

**Address for correspondence:**

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