Tenure Track Faculty Positions
in
Computer Science and Engineering
www.iiitd.ac.in/careers/faculty

About IIIT-Delhi:

IIIT-Delhi (www.iiitd.ac.in) is an Autonomous Institute created by Govt. of Delhi with a mission to become a world-Class R&D led Institution in IT and allied areas. It offers one of the most vibrant and exciting academic environments in India and is an ideal place for a young researcher who wishes to work in India in these exciting times. It has recruited PhDs from reputed institute, and has built strong research groups in areas including Machine Learning, Computer Vision, Image Analysis, Security, Biometrics, Mobile Computing, Data Management, Systems & Software Engineering, and Theoretical Computer Science.

How to Apply?

For applying, please send an email with CV (with names of at least three references), a research statement, and a teaching statement indicating the core and advanced courses of interest to: faculty-applications@iiitd.ac.in

Please put the subject as "Faculty position in CSE".

Eligibility:

The ideal candidate will have a PhD from a top Institution in India or abroad, perhaps some post doc experience, good research and publication track record, and show future potential. We seek candidates grounded in some of the core areas of CSE, who have the capability to build a research program, and provide innovation and quality teaching at both the undergraduate and graduate levels.

Areas of Interest:

The Institute is looking for tenure-track faculty to strengthen its programs in Computer Science and Engineering. The areas of interest are:

- **Systems and Networking:** All areas including Virtualization, Software Defined Networking, Cloud Computing, Cyber-physical Systems, and IoT.
- **Human Computer Interaction:** All areas including Interaction Design, Interfaces Mobile and wearable computing, Social Computing, Virtual and Augmented reality (VR/AR), Multimedia, Visualization, Interfaces, and Game design.
- **Artificial Intelligence and Machine Learning:** All areas including Theoretical AI+ML, Reinforcement Learning, Virtual Agents, AI-Optimized Hardware, and Robotics.
- **Information Security and Privacy:** All areas including Web Security, IoT Security, Multi Media Security, Cryptography, Security of Critical Infrastructure, and Privacy.
- **Data Science and Engineering:** All areas including Data Mining, Data Visualization, Big Data, Managing Data on cloud, Data Warehousing, Social Network Analysis, Web Social Media, and Natural Language Processing.
- **Software Engineering and Programming Languages:** All areas including Empirical Software Engineering, Software Testing, Software Architecture, Search-Based Software Engineering, Mining Software Repositories, Compilers, Parallel and Distributed Programming, Semantics, Program Analysis and Formal Methods.
- **Theoretical Computer Science:** All areas including Approximation, Randomized, Geometric and Graph Algorithms, Quantum Computing, and Complexity Theory.

Research, Innovation and Development:

The Institute puts a strong emphasis on research, innovation and development to create impact through published papers, hardware and software prototyping, deployments and ultimately, technology transfer. It strongly focuses on graduate education via the PhD program (various policies to attract PhD students have already yielded about 150 scholars in eight years). It also extends significant support for initial career development via initiation research grant, support for conference travel and professional society membership, and encouragement of continuing collaborations with foreign partner institutions (with options for short-term leave support). It has implemented systems of yearly appraisal/ feedback and a tenure process to help faculty members aim high and create an institute whose reputation is benchmarked against international standards.

Education:

The Institute also aims to provide an excellent education. The BTech (CSE) Program has many innovative concepts like starting with the core CSE courses, allowing long duration projects, streams providing limited specializations in CS/ECE/CB as well as interdisciplinary areas, etc. In the MTech program, it has specialization in areas like Security, Data Engineering, Mobile Computing and Artificial Intelligence.

Compensation and Quality of Life:

The Institute provides a compensation (CTC) of over Rs. 1.70 lac/month for a starting Asst. Prof. and allows a faculty member to supplement it through research grants, summer sabbaticals in R&D labs/companies, consultancy, etc. The campus is situated in Okhla, Phase-III with a Metro station within ½ km, with modern, good quality and spacious accommodation for faculty.

Schedule:

For applying: Anytime–applications processed regularly.

Technical Seminar: On a mutually convenient date; often when the candidate is visiting India. E-seminar also possible.

Interaction with Selection Committee: Held regularly, every few months.