



INDRAPRASTHA INSTITUTE of
INFORMATION TECHNOLOGY
DELHI

Tenure Track Faculty Positions in Computer Science and Engineering

iiitd.ac.in/careers/faculty/2016

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 over 50 faculty members in last 7 years, mostly holding PhD from US and Europe, and has built strong research groups in areas like Security, Biometrics, Mobile Computing, Data Management, Software Engineering, etc

How to Apply?

For applying, 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". For further information, send email to the director, Pankaj Jalote (jalote@iiitd.ac.in).

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 Computer Science, who are driven by emerging systems applications, 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:

- **Information Security and Privacy:** All aspects including Web Security, Security of Critical Infrastructure, Privacy and Security in online Social Media, Network Security, Secure Application Development etc.
- **Systems, Mobile Computing, Sensor Networks, Networking:** Including Distributed Systems, Operating Systems, Networks, Platforms, Middleware, etc.
- **Data Science and Engineering:** Data Science, Databases, Data Mining, Data Visualization, Big Data, Managing Data on cloud, Data Warehousing and Data Engineering, etc.
- **Artificial Intelligence and Machine Learning:** Including Deep Learning, Model Building, Social Media Analysis, etc.
- **Human Computer Interaction:** Including Interaction Design, Coordination and Collaboration, Gesture based Interaction, Intelligent and Adaptive Interfaces, Interface for Mobile Devices, Speech Interfaces, Information Interfaces, Multimodal Interfaces, Human-Robot Interfaces, Computational Design, Cognition, etc.
- **Software Engineering and Programming Languages:** Including Empirical Software Engineering, Code Analysis, Testing, Mining Software Repositories, Semantics, Language Translation, etc.
- **Digital Media:** Including Computer Graphics, Animation, Game Development, Data Visualization, Virtual/Mixed Reality, Web Media and Social Media.
- **Computational Biology and Bioinformatics.**
- **Other areas:** Algorithms, Theory of Computing, Computational Neuroscience, etc.

Research, Innovation and Development:

The Institute puts 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 nearly 100 scholars in six 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 excellent education. The BTech (CS) Program has many innovative concepts like starting with the CS 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 both thesis and non-thesis options, and possibility of specialization in areas like Security, Data Management, Mobile Computing, etc.

Compensation and Quality of Life:

The Institute provides a compensation (CTC) of over ₹ 1.50 lac/month for a starting Asst. Prof. (to be revised based on 7th pay commission) 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 (For May selection, deadline is April 15).
Seminars	: On a mutually convenient date; often when the candidate is visiting India.
Interaction with Selection Committee	: Held regularly every few months .