

Indian Institute Of Technology Delhi



Department Of Computer Science and Engineering

Placement Brochure 2019

ABOUT US

The department, established in 1982, has been ranked at the top in India (QS ranking 2018-19). It contains students from BTech, MTech and PhD with a commitment to pursuing research and career in the application of computer science for making a better future. They are groomed under apt academic rigor which enables them to acquire skills to form efficient solutions for the problems of industry and academics.

Courses Offered

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- Introduction to Computer Science
- Resource Management in Computer Systems
- Data Structures
- Advanced Data Structures and Algorithms
- Computer Architecture
- Architecture of High Performance Computers
- Programming Languages
- Operating Systems
- Compiler Design
- Computer Optimization
- Computer Networks
- Introduction to Database Management Systems
- Synthesis of Digital Systems
- Digital Logic and System Design
- Design Practices in Computer Science
- MTech Software Systems Laboratory
- Discrete Mathematical Structures
- Intro to Automata & Theory of Computation
- Intro to Parallel & Distributed Programming
- Logic for Computer Science

- Principles Of Artificial intelligence
- Fundamentals of Machine Learning
- Natural Language Processing
- Advanced Computer Vision
- Reinforcement Learning
- Deep Learning
- Numerical Algorithms
- Intro to Logic & Functional Programming
- Advanced Functional Brain Imaging
- Discrete Mathematical Structures
- Wireless Networks
- Network & System Security
- Cryptography
- Automatic Verification
- Computer Graphics
- Digital Image Analysis
- Data Mining
- Blockchain Technology
- Advanced Topics in Embedded Computing
- Intro to Compressed Sensing
- Software Engineering

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Lab Facilities

- Architecture Lab
- Assistive Technology lab
- Centre for Excellence in Tactile Graphics Lab
- Cloud Computing Lab
- Cyber Security Lab
- Data Analytics and Intelligence Research Lab
- Database Lab
- Digital Hardware Design (DHD) Lab
- Networks Lab
- Graphics and Vision Lab
- Indo German Max-Planck Centre for CSE Lab
- Information and Communication Technology for Development (ICTD) Lab
- Medical Application of IT Lab
- Kripalani Mobile and M to M Advanced Technologies Lab
- Verification Lab
- Virtual Reality Lab
- VLSI Design and Tools Lab

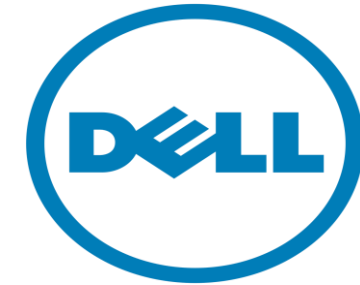
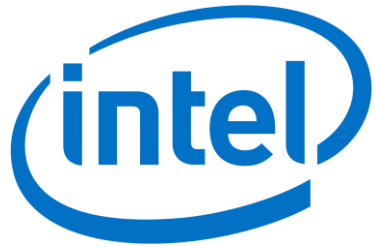
Areas Of Research

- Algorithms and Complexity Theory
- Architecture and Embedded Systems
- Artificial Intelligence and Machine learning
- Computer Networks and Distributed Systems
- Cyber Security
- Databases and Data Analytics
- Graphics and Vision
- Information and Communication Technologies for Development
- Neuroinformatics and Medical Informatics
- Operating Systems, High Performance Computing and Software Systems
- Programming Languages, Semantics and Verification

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Contacts

Department Website – www.cse.iitd.ac.in

Faculty Coordinator – Prof. Sayan Ranu – sayanranu@cse.iitd.ac.in

Student Coordinator – Mr. Raturaj Mohanty – mcs182012@iitd.ac.in - +91-9078850481