Introduction:
The Computer Science and Engineering (CSE) department at the Indian Institute of Technology (IIT) Bombay is the largest among CSE departments in any institute in India. The research and teaching in the department spans a wide spectrum of areas including algorithms, animation, artificial intelligence, combinatorial optimization, compilers, computer and medical vision, databases, data mining, e-commerce, embedded systems, formal methods, functional programming, graphics, image processing, machine learning, mobile computing, natural language processing, object oriented systems, parallel and distributed processing, programming languages, query processing and optimization, real time systems, reinforcement learning, security, software engineering, systems, theoretical computer science, wireless and sensor networks, and verification. The department has 45 faculty members, including 3 visiting faculty and 1 adjunct faculty, with Prof. S. Sudarshan as the current head. Within the last one year, the department has expanded with the addition of two assistant professors (Prof. Shivaram Kalyanakrishnan and Prof. Siddhartha Chaudhuri) and two visiting faculty members (Prof. R. K. Shyamsundar and Prof. Raju Rangaswami). Prof. Pushpak Bhattacharya has recently joined IIT Patna as the Director.

Student and Faculty Research Achievements (within the last year):

- Prof. S Sudarshan was elected an ACM fellow. About Association for Computing Machinery (ACM) Fellow: ACM's most prestigious member grade recognizes the top 1% of ACM members for their outstanding accomplishments in computing and information technology and/or outstanding service to ACM and the larger computing community.
- Abhisekh Sankaran was one of 200 young researchers selected globally to attend the Heidelberg Laureate Forum that is attended by Turing award winners, Nevanlinna Prize winners, Fields medalists, and Abel prize winners.
- Abhijit Mishra, from the language technologies group, and Ahana Pradhan, from the software architecture group, received the IBM PhD Fellowship Award for the year 2015-16.
- Rijurekha Sen won the ACM-India Best Doctoral Dissertation Award 2015, for her thesis titled "Different Sensing Modalities for Traffic Monitoring in Developing Regions"
- Pratik Jawanpuria won the Doctoral Dissertation Award 2015 from the Xerox Research Centre India.
- Debadatta Mishra won a 2014-2015 IBM PhD Fellowship.
- Karthik Ramachandra won an Honorable Mention for the 2014 SIGMOD Jim Gray Doctoral Dissertation Award.
PhD student Rijurekha Sen receiving the ACM-India Best Doctoral Dissertation Award 2015.

Karthik Ramachandra won an Honorable Mention for the 2014 SIGMOD Jim Gray Doctoral Dissertation Award.