Major Projects and Seminar

- **Power Management in Virtualized platform**
  (M.Tech Project, under the guidance of Prof. Varsha Apte)   *[May 2015 - Ongoing]*
  - *Objective:* Measurment and Analysis of power consumption of server in virtual platform, analysis of strategies to reduce power consumption.
- **Virtualization and Power Management in Virtalized Platform**
  (M.Tech Seminar, under the guidance of Prof. Varsha Apte)   *[Jan 2015 - April 2015]*

Course Projects

- **Simulation Analysis of Web Application** *[CS681 Performance Evaluation of Computer Systems and Networks]*
  (Guided by Prof. Varsha Apte, Spring 2014)
- **Extract information of RSS and WSS of a Process in linux kernel by desgining a loadable kernel module**
  [CS401 Kernel Programming] (Guided by Prof. Purushottam Kulkarni Spring 2015)
- **Instrument the scheduler functions (with hooks) to generate scheduler-level and process-level statistics**
  [CS401 Kernel Programming] (Guided by Prof. Purushottam Kulkarni 2015)
- **Automation of ns3 simulation and graph genration**   *[CS699] (Guided by Bhaskaran Raman Autumn 2014)*

M.Tech. Courses

- Algorithms and Complexity
- Kernel Programming
- Advanced Computer-Network
- Advanced Computer-Architecture
- Artificial Intelligence
- Foundations of Network Security and Cryptography
- Mobile Computing
- Performance Analysis of Computer Systems and Network

Technical Skills

- **Programming Languages**: C, C++, Core Java, python, prolog
- **Scripting Languages**: Bash, awk
- **Web Devlopment**: HTML, CSS, Javascript.
- **Tools**: Vim, Eclipse, Latex, Beamer, Gnuplot, Pyplot LaTeX
- **Operating Systems**: Linux: Ubuntu,Debian, Windows: xp, 7, 8
- **Databases**: PostgreSQL

Positions of Responsibility

- **Teaching Assistantship, IIT Bombay**:
  - CS 305 Computer Architecture   *(with Prof. Bhaskaran Raman)*   *[July 2014 - Dec 14]*
  - CS 341 Computer Architecture Lab   *(with Prof. Bhaskaran Raman)*   *[July 2014 - Dec 14]*
  - CS 101 CS 101-2015-1 Computer Programming and Utilization Lab
    (with Prof. Kavi Arya)   *[Jan 2015 - April 15]*
  - Senior TA CS101   *(with Prof. Varsha Apte)*   *[July 2015 - Dec 2015]*

ExtraCurricular

- Attended Workshop: Network Managment Technologies and Solutions using linux red Hat 4.
  [25th Sept 2010-20th Oct 10]
- Attended Trainning School,North-Eastern Railway.   *[6th June 2012-7th July 12]*
- **Hobbies**
  - Playing Chess, Sketching, Drawing,Solving Chess puzzle.