

## Major Projects and Seminar

- **Power Management in Virtualized platform.**  
(M.Tech Project, under the guidance of Prof. Varsha Apte) [ May 2015 - Ongoing ]
  - Objective: Measurement and Analysis of power consumption of server in virtual platform, analysis of strategies to reduce power consumption.
- **Virtualization and Power Management in Virtualized 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)
- **Extraction of information about RSS and WSS of a Process in Linux kernel.** [ CS401 Kernel Programming ]  
(Guided by Prof. Purushottam Kulkarni Spring 2015)
- **Analysis of the scheduler of the Linux kernel by generating scheduler-level and process-level statistics.**  
[ CS401 Kernel Programming ] (Guided by Prof. Purushottam Kulkarni 2015)
- **Automation of ns3 simulation and graph generation** [ 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.
- **Web Development:** HTML, CSS, Javascript.
- **Databases:** PostgreSQL.
- **Scripting Languages:** Bash, Awk.
- **Tools:** Vim, Emacs, Eclipse, Gnuplot, Pyplot, ns3 Simulator, Makefile, Git, Wireshark, Beamer, L<sup>A</sup>T<sub>E</sub>X.
- **Operating Systems:** Linux(Ubuntu, Debian), Windows.

## 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 Computer Programming and Utilization Lab (with Prof. Kavi Arya) [ Jan 2015 - April 15 ]
  - Senior TA CS101 (with Prof. Varsha Apte) [ July 2015 - Dec 15 ]

## Extra Curricular

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