SCHOLASTIC ACHIEVEMENTS

- **99.68 percentile** in **GATE-2016** in Electronics and Communication among **1,52,318** candidates *(2016)*
- Secured All India rank of **7578** among **11.87 Lakh** students in **AIEEE** *(2012)*
- Bagged All India **3rd** prize in **national level** abacus competition by SIP-INDIA *(2010)*

MAJOR PROJECTS

- **M.Tech Project: OpenFlow Router with eBPF Forwarding Engine** *(May'18 - Present)*
  Guide: *Prof. D. Manjunath, Electrical Engineering, IIT Bombay*
    - The Goal is to use SDN framework, and create a fast forwarding engine.
    - The Forwarding Engine would be ported to a SPARC based FPGA, synthesised using AHIR tool
- **B.Tech Project: Obstacle Detection at Unmanned Railway Crossing Using Image Processing** *(Jul'13 - Apr'14)*
  Guide: *Prof. V. R. Satpute, Electronics & Communication Engineering, VNIT Nagpur*
    - Created own dataset for input.
    - Used basic image processing techniques, and morphological operations to extract moving obstacles at railway crossing

WORK EXPERIENCE

- **Software Developer | Nykaa** *(June'16 - July'17)*
    - Involved in development of Product listing, Search, and Checkout verticles of the website.
- **System Administrator: PC Lab, Electrical Department, IIT Bombay** *(July'17 - Present)*
    - Development of EE department website, Dashboard, and maintaining numerous portals like faculty search committee, meeting room booking system, faculty wiki pages and TA allotment portals.
- **Teaching Assistant: Communication Networks IIT Bombay and IIT Dharwad** *(Jan'19 - April'19)*

KEY COURSE PROJECTS AND SEMINAR

- **Different Scheduling Schemes in LTE** *(Jan'18 - Apr'18)*
- **Image Dehazing through Depth estimation** *(July'18 - Nov'18)*
- **Visualisation of DBSCAN Clustering Algorithm** *(Jan'18 - Apr'18)*
- **Seminar: Open Source Router using CLICK** *(Jan'17 - Apr'17)*

TECHNICAL SKILLS

Languages	:	C, C++, Python, Bash, HTML, PHP, Javascript, jQuery
Tools	:	Matlab, GNU Radio, LaTeX, Git

POSITIONS OF RESPONSIBILITY

- **Web Secretary: Hostel 1, IIT Bombay** *(Jul'17 - Jun'18)*
    - Development and Maintenance of Hostel 1 Web site, and Computers.
- **Student Companion: Institute Student Companion Program, IIT Bombay** *(Jul'18 - Jun'19)*
    - **Mentored 7** new entrants and ensured their smooth transition into the curriculum of institution.
    - Helped them in institute activities, course selection, technical and non-technical development.
- **PG Bridge Course Overall Coordinator: Electrical Department IIT Bombay** *(Jul'18)*
    - Organised a week long program for the **academic upliftment** of PG freshers.
    - Executed the program effectively in **parallel to regular academics** for more than **100** students.
- **Web Coordinator - PGAC IIT Bombay** *(Jul'18 - Jun'19)*
- **Web Coordinator - Student Reading Group Electrical Department IITB** *(Jul'18 - Jun'19)*

CO & EXTRA CURRICULAR ACTIVITIES

- **Volunteered** for Python Workshop by PGAC IIT Bombay *(Oct'18)*
- Hobbies: Binge watching TV series, Chess, Snookers