Scholastic Achievements

- Pursuing a minor in **Computer Science & Engineering**   *(Present)*
- **Ranked 2nd** among 124 students in Chemical Engineering (UG First year)   *(2017)*
- Awarded a **Branch Change** to **Electrical Engineering (Department Rank 8** in Dual Degree**)** *(2017)*
- Secured All India Rank **823** in **JEE advanced 2016** (2 lakh+ Aspirants)   *(2016)*
- Secured a **Percentile of 99.73** in **JEE Mains** 2016 (11 lakh+ Aspirants)   *(2016)*
- Recipient of **KVPY fellowship** with **All India Rank 341** out of 0.1 million candidates   *(2014)*
- Qualified **NTSE-2012** with a **Rank 205** and awarded a scholarship by Government of India   *(2012)*
- Among **Top 1%** at national level in **NSEP**(Physics) & **Top 1%** at State level in **NSEA**(Astro) Olympiads*(2015)*
- Bagged **International Ranks** among top hundred **5 times** in **IMO** & **3 times** in **NSO**   *(2012-16)*

Projects Undertaken

Junior Design Engineer — IIT Bombay Racing   *(Aug '2016 - Present)*
- o   Selected among the 8 Elec JDEs in the IITB Racing team out of 250+ applicants
- o   Completed the summer induction Program of IIT Bombay Racing to analyze various electrical and mechanical aspects that govern the working and design of the car

XBee based two-way point to point communication system   *(Sept '17 - Present)*
- o   Modified the existing one-way XBee Communication in the car to a two-way communication
- o   Fortified various aspects of Mbed & XBee to create a superior communication system

New Hostel 7 Website based on AngularJS   *(Aug '17 - Present)*
- o   Enhanced the front-end of the website using AngularJS, a JavaScript-based open-source framework
- o   Reinforced the backend of the Hostel 7 website by including Portals for Library, Mess & Parcels

Walking Gears | Solid Works   *(Jul '16 - Nov' 16)*
Guide: Prof K.P. Karunakaran |Department of Mechanical Eng., IIT Bombay | Course Project
- o   Designed a geared mechanism which moves a frame Structure, generally used in toys
- o   Assembled various parts and added **Mechanical Constraints** to make a working model

XLR8 | Bluetooth Controlled Electric Car   *(Jul '16 - Aug' 16)*
- o   Designed a *Bluetooth Controlled Electric bot* based on *Differential Mechanism* after analysing RF Circuit

Positions of Responsibility

Web and Comp Secretary, Hostel 7 IIT Bombay   *(Aug '17 - Present)*
- o   Constructed and revamped the **hostel website,** making it a forum for all hostel inmates
- o   Building an app with live hostel updates and an integrated calendar and portal system

Teaching Assistant in BB101 (Biosciences and Bio Engineering)   *(Jan '18 – Present)*
- o   Appointed as an Institute Teaching Assistant out of 73 applicants for the course based on communication skills and academic prowess in the subject
- o   Guiding a batch of 50+ Students and helping them build problem solving skills

Teaching Assistant in BB101 (Biosciences and Bio Engineering)   *(Sep '17 – Nov '17)*
- o   1 of 10 students selected to tutor a batch of 50 students for the introductory course in Biology
- o   Evaluated students' performance regularly collaborated with instructor for teaching tactics

Coordinator, Competitions and LYP || Mood Indigo, IIT Bombay   *(Apr '17 - Present)*
- o   Conceptualized and organized 7 Multicity Competitions pan India thus increasing outreach
- o   Invited celebrities for 'Face of Genre', a celebrity endorsement scheme for 9 genres

Technical Skills

- **Computer Languages and Operating Systems:** C++, HTML, CSS, JavaScript, Microsoft Windows, Ubuntu
- **Software Packages:** AutoCAD, Solid Works, Adobe Premiere Pro, LATEX

Extra-Curricular Activities

- Active in **Dramatics Club;** presented the play "Sonu ka gold Medal" and scripted a play in SophieProd
- Among the 25 NSO **Kho-Kho** players in UG First Year; participated in Kho-Kho General Championship
- Felicitated with Student of the Year 2015-16in Cambridge Court High School, Jaipur