

Academic Achievement

- Secured **All India Rank (AIR) 371** in JEE Advanced out of **0.15 million** applicants [2015]
- Secured **Percentile of 99.84** in JEE Mains 2015 out of **1.5 Million** applicants [2015]
- Recipient of the prestigious **KVPY fellowship** with **All India Rank of 85(Top 0.1%)** [2014]
- Recieved **National Talent Search Exam Scholarship** awarded to 1000 students in India [2013]
- Qualified for **Indian National Olympiads** of Physics , Chemistry and Astronomy [2014]
- Awarded **Certificate of Merit** for being in statewide **top 1%** in National Standard Examination in Chemistry conducted by Indian Association of Physics Teacher [2014]
- Awarded **Certificate of High Distinction** in Australian National Chemistry Quiz conducted by Royal Australian Chemical Institute [2014]
- Secured **AIR 18** in National Science Talent Search Examination conducted by Unified Council [2014]
- Secured **International Rank 14** in International Mathematics Olympiad(Stage 2) conducted by Science Olympiad Foundation [2014]
- Secured **National Rank 17** in National Science Olympiad(Stage 2) conducted by Science Olympiad Foundation [2015]

Positions of Responsibility

Convener, Electronics Club, *Students Technical Activities Body*, IIT Bombay [May'16- Present]

- Part of the **6 Member Team** responsible for **introducing and mentoring over 900 freshmen**, in Electronics related activities in the institute
- Executed various events and workshops and contributed to projects under club
- **Mentored 50+ team** of freshers for XLR8, Annual Bot Racing Competition
- Conducted many group discussions on topics such as **Memristors, AR-VR**, etc.

Media and Marketing Coordinator, *Mood Indigo*, IIT Bombay [May'16- Present]

- Pursued the **marketing budget** required for Mood Indigo 2016 through corporate sponsorship
- Conceptualized and executed **brand integration strategies** having Indian youth as target group
- In charge of planning and execution of **Rethink Pink** : Breast Cancer Awareness Campaign
- Revamped the Publicity model aimed at increasing the festival outreach in Mumbai by **150%**
- Negotiated deals with over **5 NGOs and Hospitals** for promotion of social cause

Organizer, *E-summit*, IIT Bombay [May'16- Present]

- Coordinated with 20+ startups came for the Internship and Job fair at the summit

Organizer, *Techfest*, IIT Bombay [May'16- Present]

- Contacted various companies from different sectors for sponsorship of the festival
- Successfully executed many workshops and events held during the festival

Key Projects Undertaken

Glow Hockey| Students Technical Activities Body, IIT Bombay [2016]

- Created a *Semi-Virtual Air Hockey Game* based on **Image Processing Techniques**
- Modified Air Hockey to be played with hands and a puck made of light

- Developed a Air Hockey Game in **Pygame**
- Incorporated Image Processing in the project using **OpenCV,Python**

House Allocation System| Jawaharlal Nehru School, Bhopal [2015]

- Automatic allocation of house according to the data stored in file .
- Used vairous aspects of file handling for modifying, deleting ,adding and traversing through data .

Line Follower Bot| Electronics Club, IIT Bombay [2016]

- Designed the mechanical framework for easy maneuver and smaller turning radius for the bot
- Created an IR sensor array to detect the most accurate path to be followed by the bot .
- Used ATMEGA32 microcontroller for processing of input provided by the IR sensor array
- Implemented AVR assembly language for programming ATMEGA32 microcontroller

Remote Controlled Car| Robotics Club, IIT Bombay [2015]

- Utilised ATTINY2313A (Integrated Circuit) for the functioning of bot
- Used a HC05 bluetooth module for establishing a connection between car and remote controller

Courses Undertaken

Network Theory*	Electronic Devices and Circuits *	Microelectronics *
Electronic Devices Lab *	Complex Analysis	Differential Equations *
Data Analysis *	Calculus	Linear Algebra
Computer Programming	Quantum Physics	Electricity and Magnetism
Biology	Economics*	Chemistry
Physics lab	Engineering Graphics Drawing	Chemistry Lab

* to be finished by Nov'16.

Technical Skills

Platforms worked on: Arduino, AVR , OpenCV.

Programming Languages: C, C++, Python , Java, LaTeX, HTML, CSS, MATLAB,Ngspice.

Extra Curricular Activities

- Part of the winning team of Freshiezza, organised by Institute Cultural Council [2015]
- Secured 3rd position in Freshiezza Group Dance Competition [2015]
- Completed a year long course in Aerobics under N.S.O. [2015]
- Represented the hostel badminton team in the Badminton General Championship [2015]
- Participated in various tech related hackathons and project activities.