

ACADEMIC ACHIEVEMENTS

- Ranked among top 1% in IIT-JEE 2011 out of 450,000 candidates
- Ranked among top 0.6% in AIEEE 2011 among 1,000,000 candidates
- Secured 30th rank in All Kerala Engineering Entrance Exam among 125,000 candidates
- Pursuing a **minor** in **Electrical Engineering** from IIT Bombay

POSITIONS OF RESPONSIBILITY

Internship Coordinator, Placement Cell, IIT Bombay *(July 2013-present)*

- **Representative** of **Engineering Physics** in a team of 26 members responsible for procuring internships for students
- Involves **building** and **promoting** relations with **companies, universities** and **social organizations** who wish to recruit students from IIT-Bombay for internship and research opportunities

Department Academic Mentor *(July 2013-present)*

- **Mentors** sophomore students in **academic** matters
- **Reviews** the **curriculum** of Engineering Physics and also coordinates with Institute Academic body to **secure** and **float summer projects** for students

Coordinator, Events, Techfest, IIT Bombay *(January 2013)*

- **Guided** a team of 5 organizers and successfully organized IIT Bombay **Model United Nations**
- **Managed** a group of around 100 students over a period of 3 days

School Leader *(June 2010- March 2011)*

- Successfully **organized** and **executed** all major events and activities in the school including **All Kerala ICSE-ISC Athletic Meet**

Organizer, Ozone, Techfest, IIT Bombay *(January 2012)*

- Organized Gaming Zone that saw a turnover of around 200 people over a 2 day period

PROJECTS AND INTERNSHIPS

Study of Pre-stellar cores

(June – July 2013)

Guide – Prof Bhaswati Mookherjea (Astrophysics, Tata Institute of Fundamental Research)

- Studied the time evolution of **Pre-stellar cores** using the abundance of different elements present in the Inter Stellar Medium
- Made use of a software, Astrochem (written in **C**) and **developed codes** to meet project requirements. Modified the in-built graph plotter using **python codes**

Institute Technical Summer Project

(May – June 2013)

- Fabricated an RC aircraft to improve upon the winning score of Techfest 2013
- Followed detailed aircraft design procedure to optimize flight performance

Crystal Radio

(Oct-Nov 2012)

Guide – Prof Parinda Vasa (Physics, IIT Bombay)

- Built a crystal radio that requires **no battery or electricity** and runs solely on the power received from radio waves as a part of EP 201(Optics) course

Minesweeper

(Oct-Nov 2011)

Guide – Prof D.B.Phatak (CSE, IIT Bombay)

- **Led** a team of 5 students and successfully developed the game **Minesweeper** in C++ using EzWindows for graphics as a part of CS101 course
- Awarded **10/10** in peer review and **AA** in the course

TECHNICAL SKILLS

- Programming Language: C, C++, Java, Python
- Web: HTML, CSS, Javascript
- Software Proficiency: Microsoft Office, MATLAB
- Operating Systems: Microsoft Windows, Linux (Ubuntu)

EXTRA CURRICULAR ACTIVITIES

- Selected for **Institute Buddy Programme** which aims at smoothening the transition for **foreign exchange students** to the institute (2013)
- Ardent self learner. Has taken many courses online including **Competitive Analysis** and other finance and management course
- Avid quizzier and has won many quizzes at regional and state level including **1st price** in **All Kerala Energy Quiz**
- **Designed and fabricated RC Planes** and actively takes part in the events of **Aeromodelling Club of IIT Bombay**
- Proficient in **English, Malayalam** and **Hindi**. Pursuing an online course to learn **Spanish**
- Sports enthusiast and plays badminton and cricket. Also a guitar player
- Holds a yellow belt in karate by Shotokan Karate Federation of India