

Scholastic Achievements

- Among the **top 35 in India** to be awarded gold medal in Indian National Chemistry Olympiad. [‘16]
- Among the **top 47 in India** to qualify the Indian National Junior Science Olympiad. [‘13]
- Secured **AIR 74 in the KVPY** for SA stream & awarded the **NTSE scholarship with AIR 225**. [‘14, ‘12]
- Achieved **98.37 percentile in JEE Advanced** and an **AIR 681 in JEE Mains**. [‘16]
- Amongst **top 17 in India** to be conferred Merit Certificate by **Royal Australian Chemical Institute**. [‘13]
- Pursuing a course on Analog Circuits as a part of **Minor Degree in Electrical Engineering**.

Positions of Responsibility

Coordinator | Media & Public Relations | Student Alumni Relations Cell (SARC) [Since Mar’17]

- Developing content of 10+ articles in the newsletter Knowledge Tree with outreach to **40,000+ IITB Alumni**.
- Actively organised and participated in three Phonathon events, successfully **contacting over 100 Alumni**.
- Key Initiatives:
 - Conducted and led a **frank interview with the VP and Head of Supply Chain at Godrej Consumer Products Ltd**, Mr Saurabh Jhavar, an IITB Alumnus.
 - Handled the **Mumbai and Madras zone communication** with Alumni and Students on the day of Student Alumni Meet ‘17 & substantiated the thriving revival of **SARC Blog**.

Convenor | HAM Radio Club [Since Sept’17]

- Actively working towards amplifying awareness of HAM Radio & improving system communication.
- Organized the first ever **HAM Radio license examination** for the IIT Bombay and Sameer students.
- Key Initiative:-
 - Spearheading gestation of club’s **first Reading Group**, to promote GDs, projects, and professional talks.

Key Projects Undertaken

Piezoelectric & Piezoresistive sensor application | Group Project | Guide: Prof Dipti Gupta [Mar’17]

- Canvassed the concepts of Piezoelectricity & Piezoresistivity to understand their applications in sensors.
- Considered different global studies, dissected and analysed them, and presented the inferences in class.

Improving Efficiency of Perovskite Solar cells | Project | Guide: Prof. Aswani Yella [Sept’17-Present]

- Analysing the behaviour of Perovskite Solar Cells under humid atmosphere to improve their efficiency.
- Using molecularly engineered porphyrin sensitizers to improve efficiency of dye-sensitized solar cells.

Extracurricular Activities

- Qualified the first round of Indian National Chemistry Olympiad (**National Top 1%**) in class 10.
- Bagged **3rd place** in the **Bazinga!** Physics Competition in freshmen year.
- Devised a Bluetooth Controlled Car in XLR8 & a Xyloband successfully under the guidance of ERC.
- Completed a yearlong course on keyboard under **National Sports Organisation (NSO)** Culturals, IIT Bombay.
- Attended camps:
 - Orientation-Cum-Selection Camp for **International Junior Science Olympiad** in 2013.
 - **Nurturance Workshop on Scientific Inquiry** by IISER Pune and NCERT in 2013.
 - **Vijyoshi National Science Camp** by INSPIRE Program of DST & IISER Kolkata in 2015.
 - Orientation-Cum-Selection Camp for **International Chemistry Olympiad** in 2016.
- Secured **2nd place** in **VIT IGNITE** examination of 2014 conducted by the VIT University.
- Scored certificates from **Bayer** (3rd place, Making Science Make Sense, 2009-10), **Dell-Microsoft** (Study Buddy), **Axiom Education** (Iken ScientificA’08).