

SCHOLASTIC ACHIEVEMENTS

- Awarded prestigious **AP grade** for exceptional performance in Engineering Mechanics given to **2 of 292**
- Department Rank **13 amongst 150+** students in the Department of Mechanical Engineering, IIT Bombay
- Pursuing **Minor degree** offered by **Electrical Engineering** Department, IIT Bombay
- Awarded **Ratti Chhatr scholarship** by Panasonic whose nominees were filtered by various evaluations
- Achieved **AIR 1743** among 0.15 million students in JEE Advanced; **99+ percentile** in JEE Mains 2016

POSITIONS OF RESPONSIBILITY

CORE TEAM MEMBER | STUDENT ALUMNI RELATIONS CELL [APR'18-PRESENT]

Leading Design portfolio; part of 15 core team members to enhance root level alumni connections

- Assisting in **aggressive expansion** of SARC's social envelope to capture platforms like Facebook, LinkedIn and Twitter by creating **visual content for the publicity** of various events and initiatives
- Ideated and created Institute Valedictory Function publicity leading to a **100% y-o-y rise** in turnout
- Guided **120+ volunteers** for effective communication; successfully contacted **10,000+** alumni in 10 days
- Conceived and advanced '**On This Day**' initiative to highlight national, social and environmental affairs
- Capitalised a quarter-over-quarter **growth increment of 300%** in social media reach on Facebook
- Designing a **mascot** for the flagship event Alumination along with poster series portraying its story
- Ideating publicity and structure of **Institute Yearbook'19** to provide nostalgic lookback to **900+** graduates

MARKETING COORDINATOR | TECHFEST, IIT BOMBAY [MAY'17-JAN'18]

Part of team aiming to procure sponsorship for Techfest; maintained relations with corporate world

- Conceptualized **brand integration** specifically tailored for each potential sponsor
- **Point of contact** for **5+** sponsors including **BHIM**, ensuring both ends of bargain are upheld
- Led a team of **5+ organisers** catering needs of various sponsors, ensuring smooth execution of events
- Contacted **CSR executives** of companies for **SHE (Sanitary and Health Education)** awareness campaign
- Associated in execution of **Cyclothon**, a pedal for better heart with a turnout of **1500+ participants**

DESIGN SECRETARY | HOSTEL SIX COUNCIL [JUL'17-APR'18]

Member of the cultural team which bagged the 2nd position in overall Cultural General Championship

- Awarded **silver medal** in inter-hostel **Design General Championship** for designing hostel booklet
- Fabricated an informative brochure to cater **70+ uninstructed freshmen** entering the hostel
- Ideated and Executed branding of the annual hostel festival with an estimated budget of **INR 0.2 million**
- Designed **35+ posters and flexes** for events and competitions conducted over the academic year

TECHNICAL PROJECTS

THERMOSIPHON SOLAR HEATER | STORAGE TANK SIMULATION [MAY'18-PRESENT]

Guide: Prof. Sandip Saha, Department of Mechanical Engineering, IIT Bombay

- Modelled **stratification of fluid** in storage tank caused due to inlet flow from solar heater
- Discretized time dependent governing heat exchange equations employing **Finite Volume method**
- Developed MATLAB code to demonstrate performance in **steady state** of Thermosiphon system
- Established code to solve series of linear algebraic equations using **Gauss-Seidel method**

Guide: Prof. Parag Bhargava, Department of MEMS, IIT Bombay

- Disassembled complex microwave oven to **probe** into its **15+** constituent parts
- Studied the **manufacturing processes** and materials used for making glass cover of the oven
- Prepared and delivered presentation on the various parts of the oven, their working and fabrication

PROFESSIONAL EXPERIENCE AND TRAINING

REMOTE MARKETING INTERNSHIP | IIM LUCKNOW

[APR'17-MAY'17]

Guide: Prof. Sameer Mathur, Department of Marketing, IIM Lucknow

- Created complete **marketing plan** for new Android App – 'YOU & CO.' giving entrepreneurial hue to the product idea through a mini project, and prepared a novice to the real world of Marketing Management
- Identified company's goals, defined the offering's value proposition and implementation strategies
- Surveyed '**freemium**' apps, researched product's placement and brand positioning in the Indian market
- **Scrutinized case studies** of marketing companies and analysed **Harvard Business review** articles
- Acquired and discovered new skills to develop and deliver **impressive PowerPoint presentations**

TECHNICAL SKILLS

PROGRAMMING LANGUAGE	C, C++, G-code
SOFTWARE	AutoCAD, SolidWorks, MATLAB, Adobe illustrator

EXTRA-CURRICULAR ACTIVITIES

SOCIAL SERVICES

- Dedicated **80 hours of community service** as a volunteer of National Service Scheme (NSS), IIT Bombay by working towards replenishing the ecosystem while focusing on loss of flora and fauna
- Administered a camp with **500+ participants** in CURED, a nationwide diabetes awareness campaign
- Surveyed **floral diversity** and tagged trees with informative placards on the campus of IIT Bombay

MISCELLANEOUS

- Owner of 3 presentations on SlideShare with **300+ views** in total, 180 being the max individual views
- Participated in **Dance Mania** competition representing hostel 6 in a group dance performance
- Led entire school as **Student Body President** elected through voting by an electorate of **450+ students**
- Competed in intra hostel **football tournament**, Vikings Football League (VFL)

COURSES UNDERTAKEN

CORE	Engineering Drawing, Fluid Mechanics, Solid Mechanics, Thermodynamics, Engineering Metallurgy, Engineering Mechanics, Strength of Materials, Mechanical Measurements, Microprocessors and Automatic Control*, Manufacturing Processes*, Heat Transfer*
MATHEMATICS AND STATISTICS	Calculus, Linear Algebra, Differential Equations, Data Analysis and Interpretation, Numerical Analysis
MINOR	Electronic Devices and Circuits, Digital Electronics*
OTHERS	Economics, Introduction to Electrical and Electronic Circuits, Basics of Electricity and Magnetism, Biology, Quantum Physics, Physical Chemistry, Organic and Inorganic Chemistry, Computer Programming and Utilization, Philosophy*, Industrial Economics*

**To be completed by November 2018*