



Sarthak Bhardwaj
Chemical Engineering
Indian Institute of Technology Bombay

190040106
UG Second Year
Male
DOB: 15-01-2001

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2021	

Pursuing a Minor Degree in **Industrial Engineering and Operations Research**

SCHOLASTIC ACHIEVEMENTS

- Awarded a change of branch (**top 8 percent** students) for exemplary academic performance (2020)
- Qualified **Japanese Language Proficiency Test** (Level N-5) held across the country (2016)
- Secured **98.31** percentile in JEE Advanced among **0.17 million** candidates nationwide (2019)
- Secured **99.72** percentile in JEE Main among **1.4 million** candidates nationwide (2019)

POSITIONS OF RESPONSIBILITY

Convener, Finance Club | Undergraduate Academic Council (May '20 - Present)

Part of a 6 member team representing interests of **4.5k+** students in domains of finance, fintech & blockchain

- Developing the **IITB** investment team; conducting **market meets** with industry professionals
- Enhancing the **online** reach through digital content; launched and **co-authored** the first ever Finance newsletter; launched a series of informative blogs, latest deals and news, reaching **4500+** readers
- Collaborated with Career Cell to launch Learner's Space online | **3600+** registrations | **275%** y-o-y increase
 - Ideated & launched a Financial Modelling course under the guidance of professionals and professors
 - Organized Finance bootcamp by collaborating with training institutes for 600+ students
- Reached out to **4.5k+** students via engaging events and workshops by institutes like **Blackstone, MIT**

Coordinator | Operations and Logistics | Mood Indigo, IIT Bombay (May '20 - Present)

Asia's largest College Cultural festival, footfall of **146,000+**, **240+** events

- Associated with a team of **20+** members in ideating security measures and innovative ideas such as set design for live concerts spanning over an area of **100,000+ sq feet** and a capacity of over **25,000 visitors**
- Responsible for handling emergency crisis situations during execution of **50th Mood Indigo**

Coordinator | Marketing and Media | Techfest, IIT Bombay (Mar '20 - Present)

Asia's largest Science and Technology Fest, footfall of **175,000+**, Patronages: **UNESCO, SAYEN, CEE**

- Strategised **brand activations** and **customized integrations** to enhance engagement in online initiatives
- Assisting in the implementation of **HOPE**, a social initiative by Techfest on Mental Health Awareness, overseeing 150+ virtual workshops to sensitise college students in association with 10+ NGOs
- Collaborating with 100+ neurologists and Mar de Somnis, a global non-profit organisation to train teachers in 150+ schools to respond to epileptic seizures, under the aegis of **HEAL**, a social initiative by Techfest

PROJECTS & TECHNICAL ACTIVITIES

Junior Engineer | Hyperloop, IIT Bombay (Jan '20 - Mar '20)

- 1 of the 2** teams selected from India in the "Desert Hyperloop competition" organised by AZ State University
- Conceptualized **braking mechanism** of the pod by analyzing documentations and reports of other teams
- Designed a hybrid-braking system to **decelerate & stabilize** the pod at velocities reaching **Mach 1**(1000+kmph)
- Performed **suspension & vibrational analysis** of the pod with varying parameters using **feedback control**

Obstacle Manoeuvring Bot | ERC club, IIT Bombay (Aug '19 - Sept '19)

- Assembled a **Bluetooth** controlled bot with on-board power supply capable of maneuvering through bumps, closed tunnels and inclined surfaces in its path to complete an **8** obstacle course in minimum possible time
- Successfully assembled the mechanical and electrical sub-systems, utilizing **AT Tiny 2313 (IC)**, **L239D**, **HC05**, **LM7805** for receiving signals from the app to the motor utilising differential steering mechanism

EXTRA CURRICULAR ACTIVITIES

Finance	<ul style="list-style-type: none">Completed a course on Financial Modeling under Learner's Space, IITBAttended a 2 day bootcamp on Quant Finance consisting topics like OLS Regression
Technical	<ul style="list-style-type: none">Software - SOLIDWORKS, AutoCad, MS Office, Ansys, ComsolProgramming - C++, Python, MATLAB, L^AT_EX
Miscellaneous	<ul style="list-style-type: none">Collaborated with the institute's International Relations office to moderate and cultivate content in a virtual setting for 130+ Japanese enthusiasts.Completed year long training in Badminton under National Sports Organization