Chidhambaram N 190020032

Chemical Engineering B.Tech.

Indian Institute of Technology, Bombay Gender: Male

DOB: 03-10-2001

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2023	null

Pursuing a minor degree in **Management** from Shailesh J.Mehta school of management

ACADEMIC ACHIEVEMENTS

- Obtained **99.04** percentile in JEE **(Main)** and **97.00** percentile in JEE **(Advanced)** ['19]
- Secured **2nd** position at state level of **Vidyarthi Vigyan Manthan** conducted by Vibha, Vigyan Prasar and **NCERT** and attended national camp held at IIT, Delhi ['17]

PROFESSIONAL EXPERIENCE

People for the Ethical Treatment of Animals (PETA) | Summer Intern [July'21]

- Conducted 5 compassionate citizen **workshops** to students of classes 3-6 to create awareness about PETA and its work, along with the importance of those lives, we share our planet with
- Working on various projects which include collecting and verifying data, a placard challenge, signature campaign and further promotion of various initiatives of PETA

Ifortis Corporate |Campus Ambassador [June'21]

- **Analysed** the marketing of its flagship event, facilitated bookings for the event and presented with ways of further boosting the enrolment at the flagship event

POSITION OF RESPONSIBILITY

Cultural Councilor | Hostel 9, IIT Bombay [May'21-Present]

- Elected by nearly 400 members of Hostel 9 to lead the cultural scene, represent our hostel at cult GCs and handle the hostel **budget** of **0.2 million INR** for execution of intra and inter-hostel events
- Managing work distribution among secretaries and coordinating with various clubs to organise the events
- Responsible for **maintenance** of the library, music room and updating them based on the needs

Cultural Secretary | Hostel 9, IIT Bombay [Aug'20-Apr'21]

- **Penned** various articles and assisted in design of the 1st ever hostel newsletter and magazine
- Aided in conducting H9's signature fest Nautanki and other inter hostel events

PROJECTS

100% Renewable energy scenario | Course Project – Energy Policy Analysis [Jan'21 - May'21]

Guide: Prof. Rangan Banergee, Department of Energy Science and Engineering, IIT Bombay

- Forecasted the **demand** and **supply** energy conditions in 2047 using the base year of 2017 and analyzed them under different parameters using the **IESS tool**
- With varying contribution from solar and wind energy worked on a scenario of 100% renewable energy in industry and cooking sectors and **predicted** the **resources** required for it

ThermoTrap | Course Project - Heat Transfer [Jan'21 - May'21]

Guide: Prof. P Sunthar, Prof. Venkat Gundabala, Chemical Engineering Department, IIT Bombay

- Designed a conceptual system of **heat exchangers** to decrease temperature and control humidity inside a ship engine room which resulted in a decrease in temperature of inlet air by **10 Kelvin**
- Worked on finding a material for a boiler suit which was able to create a **reduction** of **4.5 Kelvin**

EXTRA CURRICULARS

Technical	• Created a Bluetooth bot, controlled via an app to negotiate a 8 obstacle course • Designed and built a RC plane which could perform simple manoeuvres
Scholastic	• Pursuing **management bootcamp** and **Finance 101** under learners' space initiative by UGAC • Pursuing a learners' space course called **Blockchain**: Energizing the future
Social	• Volunteered for NSS, IIT Bombay through blog writing and interacting with BMC students • Worked as a **hospitality organiser** of Techfest and facilitated the boarding
Other	• Qualified for the **Duke TIP** Summer studies program and successfully completed the **Engineering Problem Solving** course conducted by Duke university in India in 2014

Scholastic achievements and extracurricular activities are not verified by the Placement Cell