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Indian Institute of Technology Bombay

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B.Tech.  
Gender: Male  
DOB: 12/13/2001

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

Pursuing a Minor in the Department of **Biosciences and Bioengineering** at IIT Bombay (Minor CPI - 10)

## SCHOLASTIC ACHIEVEMENTS

- Selected as a **Teaching Assistant** for Biology course, conducting tutorials & guiding a batch of **80+** freshmen (2021)
- Secured All India Rank **1429** in the Joint Entrance Examination Advanced out of 0.2 million+ candidates (2019)
- Recipient of **KVPY fellowship** awarded by Government of India; **AIR 917** out of 0.1 million applicants (2018)
- Received the HScTSS scholarship provided by the Government of Haryana to the **top 1%** students only (2016)

## POSITIONS OF RESPONSIBILITY

**Institute Speaking Arts Secretary** | IIT Bombay Cultural Council (April 2021 - Present)

*Elected representative of 10,000+ students to lead a team of 20 hostel secretaries and 6 conveners*

- Managing a budget of approximately **INR 4 Lakh** to conduct **80+** competitions and workshops throughout the year
- Leading** a two-tier team of **10** members to finalise deals and brand associations worth **INR 20K** for IIT-B Culturals
- Achieved a **20%** reduction in overall event costs through negotiating **collaborations** with leading artists in the field
- Reinvigorated the stand-up **comedy flagship** by featuring curated student specials alongside India's leading comedians

**Tournament Director** | 13th IIT Bombay Debate (April 2021 - Present)

*Largest Debate Tournament in India with 300+ participants; managing a budget of INR 2.5 Lakh*

- Heading a two-tier team of **30 members** to execute a debate championship with World Champions as chief judges
- Delivered a **50% increase** in participation from **20+** countries by strengthening the logistical capacity of tournament

**Student Mentor** | Department Academic Mentorship Program (May 2021 - Present)

*Selected out of 80 applicants for student mentorship program to build a support system for 160+ students*

- Appointed as mentor to **6 sophomores** to guide their academic choices & help them cope with difficulties like backlogs
- Revamped the **D-AMP blog** by reviewing & collecting articles on student intern experiences to aid non-core aspirants

## INTERNSHIPS & KEY PROJECTS

**Data Analysis of Triple Negative Breast Cancer** | Guide: Prof. S. Srivastava, IIT Bombay (May 2021 - Present)

*Aim: Multi-omics characterization of TNBC towards identifying novel therapeutic strategies in Indian women*

- Executed comparative phosphorylation-PTM analysis of **14 tumor samples** by studying effect of storage environment
- Investigated research on omicsbased **analysis** for the development of chemotherapy resistance in TNBC patients
- Completed an extensive **3-week** proteomics internship program learning computational techniques like MS analysis

**Multi Layered Vaccine Box Modelling** | Course Project (Jan 2021 - April 2021)

*Developed a passive transportation unit of COVID vaccines for countries lacking temperature-controlled facilities*

- Identified **5** parameters required for simulations by analysing subzero storage of different vaccines & available solutions
- Attained a durability period of **18+ hours** in hot climates by optimizing the design and material used for insulation

**Confederation of Empowerment Initiatives** | Project Empowerment Intern (August 2020)

*A leading non-profit international development agency transforming lives of over 2 million marginalised individuals*

- Raised **INR 5K+** in funds by social outreach campaigns for the rehabilitation of tribals affected by COVID Pandemic
- Increased sensitivity for the marginalised and disenfranchised sections of society through influencing **100+** individuals

## EXTRACURRICULARS

- Represented India** at the United Asians Debating Championship, Bangladesh among **30+** Asian countries (2020)

Debating	Open Finalist	Maharashtra Open '20	Defeated <b>national champions</b> to reach the finals
	Pro-Am Finalist	Tilbury Open '20	One of <b>Europe's largest</b> debate tournament
	Octo Finalist	Rahat Debate '21	One of India's largest tournaments with <b>200+</b> debaters
	Octo Finalist	DTU Debate '21	National Debate competition with <b>60+</b> teams
	Runners Up	Junior Debate '19	Among <b>top 5</b> speakers from a batch of <b>1000+</b>
	Finalist	IIT-B Pro-Am '20	<b>Top 10</b> speakers among first-year students
Social	● Volunteered for <b>80+</b> hours, teaching underprivileged children under NSS IIT Bombay (2019 - 2020)		
Technical	● C++, Python, MATLAB, AutoCAD, SolidWorks, Microsoft Office, LaTeX		
Management	● Completed a 4-week long <b>Marketing Management</b> Bootcamp in Learner's Space (2020)		
	● Organized the Get Set Pitch Competition with <b>150+</b> participants at E-summit, IIT-B (2020)		