



Prapti Sao
Civil Engineering
Indian Institute of Technology Bombay

200040103
B.Tech.
Gender: Female
DOB: 29/5/2003

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2024	

Pursuing a Minor Degree under the **Humanities and Social Sciences** Department, IIT Bombay

Scholastic Achievements

- Secured a **SPI of 9.75** in the 4th semester and achieved **AA grade** in **8** core courses till date [‘22]
- Secured **99.24** percentile in JEE Main out of **12 lakh** candidates; ranked **top 3%** in JEE Advanced [‘20]
- Received **Certificate of Merit** from CBSE for scoring **100%** marks in **Physics** in AISSCE Exam [‘20]

Positions of Responsibility

Institute Secretary of Academic Affairs | UG Academic Council, IITB [Apr ‘22 - Present]
Highest Nominated Student Officer | Addressing the academic grievances and queries of 5000+ undergraduate students

Leadership	<ul style="list-style-type: none">Coordinating among 20+ bodies to improve academic policies at the institute levelSpearheading a team of 4 coordinators to create awareness on academic opportunities
Management	<ul style="list-style-type: none">Revamped the host and outreach channels for various booklets; amassing a 4500+ reachExecuting selection and feedback for 250+ Teaching Assistants across 7 departments
Initiatives	<ul style="list-style-type: none">Executing development of ResoBin, resources and reviews platform for 3500+ coursesOrganizing an Immersion Program in coordination with 3 student bodies to aid 1400+ incoming sophomore students get acquainted to campus and offline setting of academics

Academic Coordinator | Student Support Services | UG Academic Council [Jun ‘21 - Apr ‘22]
Selected among 12 coordinators out of 150+ applicants; undertook various initiatives to support the student community

- Initiated **Branch Induction Sessions** to brief **1400+** students about opportunities in **13** departments
- Organised **TSC help sessions** for **10** courses aiding **900+** students in grasping concepts and exam preparation

Professional Experience

Finance & Accounts Intern | Ebixcash Mobility Software India Ltd. [May ‘22 - Jul ‘22]
Awarded Letter of Recommendation by CFO | India’s largest end-to-end financial exchange service providing firm

- Prepared a bid for tender worth **INR 300 crore** to establish pan Rajasthan **WAN** and **IT** infrastructure
- Tracked the company’s performance over the period by calculating the **liquidity** and **leverage** financial ratios
- Achieved proficiency in **Tally ERP 9** accounting software to prepare BS, Trial Balance and P&L statements

Key Projects

Song Analysis - Technical and Lyrical | Course Project [Jan ‘22 - Apr ‘22]
Notation and Musical Analysis | Guide: Prof. Suddhaseel Sen, Humanities and Social Sciences Department, IIT Bombay

- Analyzed a ghazal on the concepts of **Indian** and **Western Classical** Music to harness the emotional theme
- Utilized **indian tools** of raag, taal and **western tools** of scale, staff notation and ornamentation for analysis

Pipe Network Analysis - EPANET and Hardy Cross | Course Project [Jan ‘22 - Apr ‘22]
Applied Hydraulic Engineering | Guide: Prof. Riddhi Singh, Civil Engineering Department, IIT Bombay

- Critically analysed the differences in **EPANET** and **Hardy Cross** depending on the algorithm and time required to solve a **2 loop** pipe network to conclude that EPANET takes **600%** lesser time to produce results

Drone Sudarshana | Institute Technical Summer Project [Apr ‘21 - Jul ‘21]
Led a team of 4 | Among 40 teams completing the project from 100+ registered teams

- Stimulated an autonomous and **QR-Code Scanning Security Drone** with a fixed area of surveillance
- Built a 3D environment using **Gazebo** and **ROS** and utilized python libraries (OpenCV) for drone control

Extracurricular Activities

Cultural	<ul style="list-style-type: none">Performed twice at All India Radio in the show ‘Ubharte Sitare with Anup Jalota’ [‘18]Running a blog on Indian Classical Music 9.5K+ followers 500K+ video viewership [‘22]Training in Hindustani Classical Vocal under Patiala Gharana for the past 7 years [‘22]Selected and performed as a vocalist at the 59th Convocation at IIT Bombay [‘21]Performed in Dharohar, the Classical and Folk Arts Club event with 400+ audience [‘22]
Consulting	<ul style="list-style-type: none">2nd place for case ‘Decreasing churn rate of Signal App’ in Product Management GC [‘21]Completed Consulting 101 under Learner’s Space offered by Career Cell, IITB [‘22]
Technical	<ul style="list-style-type: none">Junior Engineer in the Electrical subdivision of technical team ExoFly, IITB [‘22]