



Prerna Gupta
Metallurgical Engineering and Materials Science
Indian Institute of Technology Bombay

190110066
B.Tech.
Gender: Female
DOB: 8/22/2001

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

SCHOLASTIC ACHIEVEMENTS

- Pursuing a **Minor Degree** from the Department of **Humanities & Social Sciences**, IIT Bombay [’21]
- Awarded **AP** grade (top **2/115** students) for exemplary performance in ‘**Mechanics of Materials**’ [’21]
- Granted **Student Membership** in the prestigious **Indian Institutes of Metals** for 3 years [’21]
- Secured **99.5 percentile** in JEE Main out of 1.2 million candidates; ranked **top 2%** in JEE Advanced [’19]
- Bagged **World Rank 45** in **International French Language Olympiad** by the French Embassy [’15]

PROFESSIONAL EXPERIENCE

Ernst & Young | *Business Development Intern* [May ’21 - Jun ’21]

- Curated **5** articles on **Cybercrime & Digital Forensics**; to be **published** in reputed websites and newspapers
- Conceptualized a **new podcast** on cyber security **from scratch**; to be launched on **EY’s global website** soon
- Identified **cyber insurance providing companies** in India for potential partnership with EY Forensic Services
- Made a massive database of **80+** potential clients such as **C-suite executives** of major Indian companies

POSITIONS OF RESPONSIBILITY

Editorial Board Member | *Insight, IIT Bombay’s Official Student Media Body* [Apr ’21 – Present]

- Spearheaded **Summer Internship Blog ‘21**; reached **200,000+** views on 30+ articles from student interns
- Leading coverage of **hostel development** in the institute by leading the first ever **Hostel Affairs Vertical**
- Conducted an **institute-wide survey** to gauge the scene of **virtual labs** and **practical learning** during COVID
- Co-authored an **article** on the history of the **IIT Bombay Research Park** and its latest developments

Teaching Assistant | *English Language Improvement Training Programme, IITB* [Jan ’21 - May ’21]

- Helped **50+** students with weak English by **conducting regular classes** and **curating content** on **3** topics

Department Alumni Secretary | *Student Alumni Relations Cell, IITB* [Jul ’20 - May ’21]

- Connected **400+** students to **100+** alumni for conducting quality **mock interviews** and **group discussions**
- Conducted **Core Talks** for **100+** students by inviting the **Director of ISRO** to talk about prospects in MEMS

Marketing Associate | *Team Hyperloop IITB* [Jan ’20 – May ’21]

- Successfully partnered with **COMSOL & Fabheads Automation** for sponsorship worth **INR 2.5 lakh**
- Developed and curated content for **articles, website** and **social media presence** of the team for publicity

INTERNATIONAL EXPOSURE

- Selected for **Semester Exchange** at NUS (Singapore); **4th** B.Tech. MEMS student **ever** selected [’21]
- Participated in the **Tournament of Champions** debating, quizzing and writing competition held at the **Yale University, USA** & bagged the **Overall Performer Award** given to **top 100** students out of **~2000** [’16]
- Won the **Best Debater** award at the **WSC Global Round** held in **Kuala Lumpur, Malaysia** [’15]

KEY PROJECTS

Bubble-Inclusion Interaction | *Prof. Deepoo Kumar, IIT Bombay* [Jun ’21 – Present]

- Conducted extensive literature review to understand the process of **removal of inclusions from liquid steel** by the method of bubble injection; part of the **Summer Undergraduate Research Program**, IIT Bombay

Consumer Electronics Industry | *Course Project* | *Prof. Surajit Bhattacharyya* [Apr ’21]

- Made a detailed **report** on Consumer Electronics Industry covering financial ratios, R&D, key products etc
- Performed **SWOT Analysis** and **Porter’s 5 Forces Analysis** on Samsung India; awarded **9/10** in the project

EXTRACURRICULARS

- Part of the 50-member **Investment Team of IIT Bombay**; learnt financial concepts & trading strategies
- Obtained **Senior Diploma** in **Classical Singing** from Prayag Sangeet Samiti, Allahabad; **6 years** of training
- Completed training in **Drawing & Painting** through **NSO Fine Art**; received various **awards** at school level