



Harsh Shah
Mechanical Engineering
Indian Institute of Technology Bombay

210100064
B.Tech.
Gender: Male
DOB: 15/03/2003

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2025	

Pursuing a **minor degree** in **Entrepreneurship** from the **Desai Sethi School of Entrepreneurship**, IIT Bombay

SCHOLASTIC ACHIEVEMENTS

- Awarded the **AP grade** in Solid Mechanics (1/225) and Fluids Lab (4/225) courses for exceptional performance ['23]
- Selected among the **only 5** second-year UG students as a **Teaching Assistant** for the Makerspace 101 course ['23]
- Attained **Rank 1** in the Maharashtra State Common Entrance Test out of over **0.4 million** appearing candidates ['21]
- Secured **99.53** percentile in JEE Advanced Entrance Exam out of **0.15 million+** candidates appearing nationwide ['21]
- Recipient of the prestigious **KVPY** fellowship awarded by the **Government of India** to the **top 0.5%** candidates ['20]

PROFESSIONAL EXPERIENCE

Lightbox Ventures | Investment Analyst [June'23-Present]

\$400 M fund focussed on early-stage consumer tech | Selected among **2 out of 40+** applicants for a year-long fellowship

- Liaised with **15+** AHPs for a healthcare landscape analysis on an **INR 2.3B** EdTech startup's potential based on **4 KPIs**
- Leveraged **cluster analysis** to identify **10+** promising **AI startups**, strategically expanding the fund's AI portfolio

International Industrial Springs | Product Development and Strategy [May'23-July'23]

Awarded a **Letter of Recommendation** from the Operations Director for exemplary performance in marketing & strategies

- Designed and simulated high-load coil springs for **Larsen & Toubro** and **Siemens** among **10+** projects undertaken
- Strategized the targeted promotion campaign for **7+** companies that resulted in an **INR 0.5 M** PO by **Baker Hughes**
- Achieved **<5%** cost variance accuracy while assessing spring costs for **25+** orders by meticulous blueprint analysis

The Right Doctors | Business Research Analyst [Dec'22-Jan'23]

- Generated **70+** quality leads by leveraging **Zoho CRM** to identify key white spaces in the kidney transplant market
- Entrusted by **CEO** to present the market summary at **ISNCON 22**, Pune before **100+** renowned Indian Nephrologists

POSITIONS OF RESPONSIBILITY

Institute Secretary of Academic Affairs | Head, EnPoWER | UG Academic Council, IIT Bombay [May'23-Present]

Highest Nominated Student Officer | Addressing the academic and research queries of **5000+** undergraduate students

Leadership	<ul style="list-style-type: none">Spearheading a team of 4 coordinators to conduct institute-wide research promotion activitiesCoordinating among 20+ bodies to enhance academic policies at the institute-wide level
Management	<ul style="list-style-type: none">Organized SURP 2023 with 80+ research projects, 100+ faculty guides and 500+ UG participantsExecuted the flagship event Enthuse for 1400+ freshman students to foster research pursuits
Initiatives	<ul style="list-style-type: none">Leading the development of a centralized project portal expecting 250+ projects year-roundConnected 150+ students with mentors from 30+ universities through GRAD Mentorship 2023

Institute Academic Coordinator | EnPoWER, UG Academic Council, IIT Bombay [May'22-April'23]

Selected among **12 out of 200+** applicants; organized various sessions and conferences to promote institute-wide research

- Secured a sponsorship of **INR 0.5 M** for a two-day UG Research Conclave, attracting over **100 project** submissions
- Introduced **200+** students to fundamentals of scientific writing by designing a research-paper themed **crypt hunt**

KEY PROJECTS

Femtosecond pulse measurement device | Vibrational Spectroscopy Lab, IITB | Prof. Dipanshu Bansal [July'22-Present]

Applied for **incubation** at SINE, IITB | Awarded **2nd place** at the **nationwide** UG research presentation challenge, ResCon 23

- Set-up **India's first-ever** F.R.O.G. experimental setup for ultrashort laser measurement and implemented **automation**
- Reduced costs by **70%** compared to counterparts while engineering an autocorrelator with a rivalling **>91%** accuracy

IIT Bombay Racing Team | Junior Design Engineer | Brakes and EBS Subsystem [Aug'22-May'23]

Team of **70+** students designing and fabricating an electric race-car for the **Formula Student** International Competition, UK

- Optimized the brake pedal for a **30%** weight reduction while achieving a reasonable **45%** strength-to-weight ratio
- Performed **thermal simulations** for brake discs and **structural simulations** for mounts to enhance their designs

EXTRA-CURRICULAR ACTIVITIES

Competitions	<ul style="list-style-type: none">Secured 1st prize in NEDO and AWL Tokyo's AI Hackathon at the Indo-Japan Industry Summit ['23]Positioned among top 3 IIT Bombay teams in Boston Consulting Group's Ideathon Challenge ['23]Ranked 1st nationally in VJTI's Technovanza General Quiz Championship among 40+ teams ['19]
Speaking Arts	<ul style="list-style-type: none">Represented school at the prestigious IIMUN USA at the United Nations Headquarters, NYC ['17]Chaired 2 MUNs, participated in 10+ and was conferred Best Delegate in SPECPOL, DAIMUN ['19]
Social	<ul style="list-style-type: none">Worked at WithAarya, helping families of children with rare disorders through treatment aid ['21]Managed 250+ students at Alpha Urbane, a youth-run NGO organizing monthly campaigns ['20]Appointed as representative of Mumbai City at the Seeds of Peace India student conference ['19]