



Abhisar Sinha
Mechanical Engineering
Indian Institute of Technology Bombay

210020004
B.Tech.
Gender: Male
DOB: 26/10/2003

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

Pursuing a minor degree in **Artificial Intelligence and Data Science** from C-MInDS, IIT Bombay

SCHOLASTIC ACHIEVEMENTS

- Awarded **Branch Change (top 10%)** for exceptional academic performance in a batch of **1400+** students ('22)
- Scored **98.2% marks** with a perfect **100** in Maths & 99 in Physics, Chemistry & English in CBSE 12th Exams ('21)
- Recipient of the National Talent Search Examination(**NTSE**) Scholarship given by the Government of India ('19)
- Secured **99% marks** with a perfect **100 score** in Mathematics and Social Science in CBSE 10th Board Exams ('19)
- Recognized as MS PowerPoint specialist at the **National Level** of COMPUDON, endorsed by Microsoft's **CEO** ('17)

PROFESSIONAL EXPERIENCE

WorldQuant BRAIN | *Research Consultant* (May '23 - Jul '23)

- Researched & developed **40+** trading algorithms combining technical & fundamental analysis, employing **10+** datasets
- Crafted and rigorously backtested long-short **trading strategies** using mathematical models over past **5 years**
- Analysed & tuned the strategies, to achieve superior performance on **7+** metrics including returns, turnover & sharpe

NTPC | *Power-plant Vocational Training* (Jul '23)

Successfully completed a **2 week onsite professional training** at **NTPC's thermal power-plant** at Korba, Chattisgarh

- Achieved understanding of power-plant thermodynamics by analysing **5+** components including **boiler** & generator

WORKSHOPS

Proctor & Gamble | *Spotlight* (May '23)

Selected among **India's top 50 UGs** in the **product supply** domain, for a 2 day workshop at **P&G Hyderabad plant**

- Analysed **5+** product supply lines, studied their manufacturing & packaging and interacted with **15+** P&G leaders

POSITIONS OF RESPONSIBILITY

Institute Internship Coordinator | *Placement Office* | **IIT Bombay** (Jun '23 - Present)

Part of a **24-member team** entrusted with the task of securing & streamlining internships for **2000+** students

- Establishing relations with executives across **200+** conglomerates & liaising with professors from **100+** universities
- Targeting a **15%** y-o-y increase in internship opportunities by analysing the old statistics, contacting & data-mining
- Pioneered a series of **13+** Aptitude & Coding tests at the institute level, aiding pre-interview preparation of students
- Leading **10+** interview coordinators towards organising placement processes for **2000+** graduates & undergraduates

Institute Academic Coordinator | *EnPoWER* | *Undergraduate Academic Council, IITB* (May '22 - May '23)

Selected among **4 out of 200+** students to **promote research** & to address academic queries of **5000+** undergraduates

- Secured **3 sponsors** with funding exceeding **INR 400K** to organize ResCon a two-day All India Research Conclave
- Co-authored first ever **Core Intern** booklet, a guide for **100+** research internship programs benefiting **3000+** UGs
- Pioneered **Curious Community**, a platform fostering research-based discussions with a reach of **500+** students

KEY PROJECTS

BCG Strategy Consulting Virtual Experience | *Technical Project* (April '23- Jun '23)

- Devised a business plan & did financial modelling targeting **4X** increase in revenue for the client (telecom company)
- Conducted **market research** & proposed a solution to enhance **profitability** with the handset leasing model

Computational Fluid Dynamics | *Course Project* (March '23 - April '23)

Guide: Prof. Neeraj Kumbhakarna & Prof. Avishek Ranjan, Mechanical Engineering, IIT Bombay

- Determined the **friction factor** of an aluminum pipe by tuning **7+** parameters with the aid of **ANSYS Fluent**
- Compared **relative roughness** as predicted by the Von Karman relation to the input given to the ANSYS model

EXTRA-CURRICULAR ACTIVITIES

Quizzing	<ul style="list-style-type: none">Represented IIT Bombay in quizzing at the 5th Inter IIT Culturals meet Overall Runner's UpRanked amongst top 128 of India in IT Wiz conducted by Tata Consultancy Services(TCS)Achieved the feat of National Champions in Medha Pratiyogita (quiz) conducted by NTPCRepresented Amity International School at the city level of Korea-India Friendship & WWF Quiz
Tabla	<ul style="list-style-type: none">Professionally Trained in Tabla, receiving a 6 year degree from Prayag Sangit Samiti, AllahabadPerformed Tabla in the World Cultural Festival, with a foot-fall of over 3.5 million people
Theatre	<ul style="list-style-type: none">Protagonist in 3 plays under FizzaArts, an NSD alum's venture-associated with Subhash Ghai filmsLead Actor in Kaun Aakash play at Sophieprod organised by the dramatics club of IIT Bombay
Sports	<ul style="list-style-type: none">Completed 80 hours+ of rigorous training under NSO programme of swimming at IIT BombayEmerges as the runner-ups for 2 consecutive years in inter-house basketball, at Apeejay School