



Ruchir Mital Parekh
Mechanical Engineering
Indian Institute of Technology Bombay

210100129
B.Tech.
Gender: Male
DOB: 26/01/2003

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

- Secured **AIR 1072** in JEE Advanced and a percentile of **99.90** in JEE Main from 1 million candidates ('21)
- Qualified for **RMO** by achieving a rank among the top **300** candidates across Karnataka in PRMO ('19)

PROFESSIONAL EXPERIENCE

Mensa Brands | *Financial Analyst* (May '23 - Jun '23)

Worked on over 15 assignments aiding the accounts team in data analysis and optimization pre-audit season

- Identified and analysed refund mismatch worth **INR 0.9 M** mapping purchase data and refunds done via Razorpay
- Isolated SKU IDs to focus on, by segmenting **20K+** SKU IDs in **5** categories based on **rate** of restocking inventory
- Saved **30+** hours for Accounts department by automating bill ID, bill total extraction from Zoho CRM via Python

Datascribe Technologies | *Research Analyst* (Jun '23 - July '23)

Received **Letter of Recommendation** from the CEO for working on market entry strategy for tele-medicine software

- Performed competitor bench-marking for **8+** competitors in the tele-medicine market on **10+** primary parameters
- Strategized** optimal modes of entry into **Indian States** after analysing the health-centre's density of medical staff
- Proposed **2** business models, after assessment of **5+** government schemes and their impact from government reports

POSITIONS OF RESPONSIBILITY

Manager | **Consult and Management Club** | *Undergraduate Academic Council, IIT Bombay* (Apr '23 - Present)

Leading a team of 5 students, catering to interests of **10K+** students in Consulting and Management

Leadership	<ul style="list-style-type: none">Restructured & Repurposed CCG (a university-based consultancy) leading team of 6Pioneered and revamped courses on Consulting increasing completion rates 400% YoY
Management	<ul style="list-style-type: none">Conceptualized ConsultX competition with 8+ institute projects Budget INR 0.1MOnboarded 1st ever client and live project for CCG; establishing their training program
Key Initiatives	<ul style="list-style-type: none">Launching 1st edition of IITB Case book containing 30+ cases and 5+ frameworksDesigned and executed ProdCom; a PM competition that benefitted 180+ studentsGarnering a 200% increase in 3 months in reach of club online via launch of newsletter

Department Academic Mentor | *Student Mentorship Program, IIT Bombay* (May '23 - Present)

Selected to be part of a 53-membered team through a rigorous process comprising of SOP, interviews and peer reviews

- Mentoring a group of 4 sophomores, with their academic and extra-curricular pursuits providing credible counsel
- Contributing to the creation of Mechanical **DAMP blog** consisting of course reviews and internship experiences

PROJECTS UNDERTAKEN

Momentum Based Trading | *FinSearch* | *Finance Club, IIT Bombay* (Jun '23 - Present)

Devised a data-driven portfolio strategy for large-cap SE stocks, employing quantitative models and data analysis

- Identified **8** high-growth stocks leveraging their trend lines, moving averages, **stochastic oscillator** and **ADX**
- Targetting a **17%** y-o-y IRR by employing a volatility-based trading strategy using **Random Forest** algorithm

Glucometer | *Course Project* | *Guide: Prof. Shreedhar Balsubramaniam* (Mar '23 - Apr '23)

Designed a compact Glucometer with Arduino UNO, 3-D Printed Casings to accommodate entire device ergonomically

- Optimised** design of Glucose strips varying gap width to engage concurrent voltage readings tested with **5+** widths
- Established relations between Voltage, Capacitance and Glucose levels with **20+** tests to make calibration curves
- Utilised **Fourier Analysis** on range of Glucose Levels to effectively model and discretise results into **5** sections

EXTRA-CURRICULAR ACTIVITIES

Inter IIT	<ul style="list-style-type: none">Secured bronze medal in Improv Comedy in Inter IIT Culturals 5.0 from 35+ teamsPart of 12-membered Inter IIT Comedy Contingent that placed 1st overall in comedy
Culturals	<ul style="list-style-type: none">Performed Stand-up Comedy in 10+ Open mics and stages for an audience of 600+Received Grade-Merit in Speech and Drama Level 3 & 4 by Trinity College LondonEnacted a prepared sketch comedy piece for Annual Showcase to an audience of 900+
Accolades	<ul style="list-style-type: none">Selected for P&G Spotlight among top 50 from 3000+ for a supply chain workshopBagged 1st place of 80+ students in Strathaton hosted by Indian Game Theory SocietySecured 2nd place in Market Making Competition conducted by FMI and Finance ClubFinalist in Open Secret's case competition to develop a market entry strategy in IITB