Ishaan Abhay Abhyankar
Mechanical Engineering
Indian Institute of Technology Bombay

21D100008
B.Tech.
Gender: Male
DOB: 18/12/2003

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

Pursuing a **Minor** degree in **Artificial Intelligence and Data Science** offered by C-MInDS, IIT Bombay

SCHOLASTIC ACHIEVEMENTS

- Achieved an All India Rank of **120** in **JEE Main** among **1.2 million+** registered candidates (**top 0.01%**) (*'21*)
- Among the **top 8% students** who were awarded a change of branch for exemplary academic performance (*'22*)
- Recipient of the **KVPY** fellowship of **INR 1.5 Lakh+** awarded to top **1%** of the **0.15 million+** candidates (*'21*)

POSITIONS OF RESPONSIBILITY

Institute Humor Nominee | Institute Cultural Council, IIT Bombay   (*Apr '23 - Present*)
Representing the humor genre for 10,000+ students by managing a team of 20 hostel secretaries and 5 conveners
- Managing a budget of **INR   +** to conduct **40+** year-round competitions and workshops inside the institute
- Organised a workshop series worth **INR   ** on a **zero budget policy** with 6+ professionals covering 8+ genres
- Targeting a **200% y-o-y** surge in participation by embracing diverse forms of comedy like **Improv** and **Musical**
- Innovating **Stand-Up 101**, a comprehensive stand-up comedy masterclass catering to **1000+** aspiring comedians
- Directing a **monthly podcast series** with renowned artists, increasing engagement and reaching **3000+** listeners
- Orchestrated the pioneering **Institute Cultural Summer Project (ICSP)** under the parasol of sketch comedy

Department Academic Mentor | Student Mentorship Program, IIT Bombay   (*May '23 - Present*)
Selected in a 54-member team based on ethical assessment, peer reviews, SoPs & a rigorous interview process
- **Mentoring** a group of **sophomores** to guide them with time management, their academic and personal issues
- Assisting in revamping the **DAMP blog** with course reviews and internship experiences, assisting **700+** students

Institute Speaking Arts Convener | Institute Cultural Council, IIT Bombay   (*Jul '22 - Mar '23*)
Among 3 selected from 30+ applicants representing interests of 4000+ students in the genre of speaking arts
- Secured **INR   ** worth of showcase acts under **INR   ** by establishing inter-agency business relationships
- Facilitated a **75% increase** in social media reach across a span of **9** months by introducing new series of content

Teaching Assistant | PH 112 - Introduction to Quantum Physics   (*Apr '23 - Jun '23*)
Introductory course for first-year undergraduate students conducted by the Physics Department, IIT Bombay
- Mentored a batch of **35+** students by taking weekly tutorial sessions, periodic doubt-solving and crib sessions
- Evaluated **100+** answer sheets and trained academically weak students to boost their performance in the course

TECHNICAL ACTIVITIES AND KEY PROJECTS

CubeSat | Student Satellite Program, IIT Bombay   (*Apr '22 - Jan '23*)
A 50-member student team with the vision of making IIT Bombay a center of excellence in space technology
- Developed **85% test-accurate** link budgets for the up-links and down-links of the Antenna Deployment System
- Performed extensive **simulation** and **testing** of antennas to analyse properties like S11 to reduce losses by **30%**

Algorithmic Trading | Summer of Science | MnP Club, IIT Bombay   (*May '23 - Present*)
A reading project involving the development of a trading strategy using coding for financial markets analysis
- Using Python and **MS Excel** to perform back-testing, achieving remarkable **average annual returns** of **25%**
- Identified market trends by implementing the **Mean Reversion Trading** strategy for effective decision-making

Human Pose Estimation | Season of Code | WnCC, IIT Bombay   (*May '23 - Present*)
A coding project involving human pose estimation using CNN models and various deep learning frameworks
- Using **ResNet** and **DeepPose** models for classification and image segmentation to get **85%** accurate predictions
- Training models from scratch on the **CIFAR-10** dataset, utilizing the TensorFlow framework for implementation

EXTRACURRICULAR ACTIVITIES

Inter-IIT	• Secured **Gold** medal at **Inter-IIT Cultural Meet** in Improv Comedy competition (*Jan '23*) • Part of the contingent to win **2** gold, **1** silver, and **2** bronze medals in 2 competitions (*Jan '23*)
Cultural	• Secured **3rd** position in Laughter Riots, a month-long **Stand-Up Comedy** contest (*Apr '22*) • Secured **1st** position in Ad-Making competition in Freshiezza out of **1400+** freshmen (*Feb '22*)
Social Work	• Led a rally of **500+** students to promote awareness about **cleanliness and hygiene** (*Feb '19*) • Contributed **20+** hours to cleaning Mumbai as a part of the Swachh Bharat Mission (*May '19*)
Technical	• **Mentored** a team of freshmen to build a remotely controlled bot as a part of XLR8 (*Jan '23*) • Skilled in C++, Python, R, SQL, MS Office, MATLAB, Tableau, Pandas, Matplotlib (*'21-'23*)