	Anish Bang		190040016
	Mechanical Engineering		**B.Tech.**
	Indian Institute of Technology, Bombay		**Gender: Male**
			DOB: 01-03-2001

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2021	

SCHOLASTIC ACHIEVEMENTS

- Currently ranked **20th** among **183** undergraduate students in Mechanical Engineering Department, IIT Bombay *['21]*
- Among the top **10% in the batch** who were awarded **branch change** due to exemplary academic performance *['20]*
- Selected as **UG Teaching Assistant** for **160+** students for Engineering Drawing based on prowess in the subject *['21]*

POSITIONS OF RESPONSIBILITY

Institute Cricket Secretary | Institute Sports Council, IIT Bombay *[Apr'21- Present]*

*Elected to a **22-member** team spearheading all the sporting activities catering to over **10K+** people in the institute*
- Managing an **INR 0.7 Mn** budget for the institute cricket team, numerous events and upkeep of gymkhana facilities
- Pioneered the **IPL Fantasy League** on the **exclusive** gymkhana portal**,** witnessing participation of **1000+** students
- Drove a **100%** increase in **social media reach** within a span of **3 months** via introducing new series of posts and reels
- Launched and managed **'IPL Fan Clubs'**, analysis and discussion platform; engaging **2500+** students in the institute
- Conceptualized and executed **Freshiesta**, an online **2-day sports fest** exclusively for freshmen; **500+** participation
- Working on promoting institute cricket culture using podcasts where alumni will share their nostalgic experiences

Department Academic Mentor | Student Mentorship Program, IIT Bombay *[Apr'21- Present]*

*Selected as a part of **39-member** team based on ethical assessment, peer reviews, SOP's and a rigorous interview process*
- Co-mentoring **16** sophomores in academics and co-curriculars; involved in general upliftment of department
- Part of an **8**-member team responsible for organizing and managing **help sessions** of various department courses
- Involved in bridging the student-faculty gap and contributing to initiatives that promote student interaction

Institute Sports Convener | Institute Sports Council, IIT Bombay *[Apr'20- Mar'21]*

*Selected among **26** out of **150+** applicants; part of a 3-tier council responsible for all the sports activities in the institute*
- Executed the **Virtual Run** amidst the pandemic with a prize fund of **INR 22K** and participation of **1300+** people
- Conducted the Aavhan Online Chess Open 2.0 with a prize fund of **INR 64K** with **550+** participants from **7 countries**

PROFESSIONAL EXPERIENCE

Market Research Intern | YoZu | An EdTech Start-up *[May'21- Jul'21]*

*Received **Letter of Recommendation** from the Market Research head for exceptional contribution during the internship*
- Conducted exploratory research and **strategized** to identify 3 target cities for **primary testing** and launch of the app
- Performed data mining via **secondary research** to deliver key insights on overall **market size** defined by 11 parameters
- **Designed** a start-up **valuation model** by VC and Scorecard method to help promoters project true valuation to investors

KEY PROJECTS

Parallelization of Portfolio Management Models | Course Project | *Prof. Shivasubramanian* *[Jan'21- Jun'21]*
- Used **Geometric Brownian Motion** and **Cox-Ingersoll-Ross** model to calculate the stock prices and interest rates
- **Parallelized** the model using CUDA to achieve a record speedup of upto **7x** on the Paramsanganak Supercomputer

Modelling of Laser Additive Manufacturing Process | Course Project | *Prof. Ramesh Singh* *[Jan'21- Jun'21]*
- Performed a detailed **Literature Review** on the modelling of **Laser Additive Manufacturing** process
- Evaluated a computational model of powder flow distribution in **ANSYS Fluent** defined by 2 parameters

EXTRA-CURRICULAR

Sports	- Selected for highly competitive **Inter IIT** Cricket camp consisting of **top 25 players** in the institute - Secured **Gold** in Excelsior 21 (an inter-college tournament) as a part of IIT Bombay Cricket team - Ranked **1st** position out of **700+** students in overall leader board during IPL Fantasy league 2021 - Awarded **Best Batsman** for exceptional performance at an **Inter-District** cricket tournament
Social	- Raised funds worth **INR 60K+** to help the cricket pitch curator **fight unemployment** due to covid - Staged charity drive and raised over **INR 15K+** to support **Give India's Covid-19 relief fund** - **Mentored 10+** JEE aspirants from **rural areas**; guiding and motivating them via online sessions
Cultural	- **Mentored** a team of **13 candidates** for the Freshiezza Solo dance and Group dance competition - Revamped the governing rules of **5+ competitions** in various cultural genres at Mood Indigo 2020
Others	- **Languages**: C++, Python, HTML | **Softwares**: AutoCAD, MS Office, Solid Works, Adobe Photoshop - **Blog writer** on career, life motivation, IIT preparation and college life with **1600+ active readers** - Completed a two-month course on **stock market trading** and **investment** under Theta ventures