	Samyak Vishal Jain		190010060
	Chemical Engineering		**B.Tech.**
	Indian Institute of Technology Bombay		**Gender: Male**
			DOB: 11/7/2001

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2023	

Pursuing a **minor** in **Management** at Shailesh J. Mehta School of Management, IIT Bombay *(Present)*

SCHOLASTIC ACHIEVEMENTS

- Awarded a **branch-change** to Chemical Engg. for academic proficiency, amongst **110** out of **1114** students *(2020)*
- Secured **99.77 percentile** out of over **1 million** candidates in the Joint Entrance Exam (JEE) Main *(2019)*
- Achieved Maharashtra State **Rank 236** in the prestigious **NTSE** Stage 1 out of **75,000+** students *(2017)*

POSITIONS OF RESPONSIBILITY

Manager | Events and Fellowships | Abhyuday, IIT Bombay *(May'21 - Present)*
Social body of IIT Bombay with vision to channelize and sensitize the youth towards their social responsibilities
- Leading a **100-membered**, 2-tier team overseeing the execution of **50+** events and campaigns, **7** competitions
- Executed month long campaign **Sangharsh - Conquering Covid** with **UNICEF India** reaching **2M+** people
- Spearheaded ideation and execution of Coordinator's All Team Meet targeting **1000+** UG first year students
- Structured **Fellowships** program; brought **30+ NGOs** on-board with **100% YoY** growth in internships provided
- Formulating a roadmap to invest **INR 0.1M** to address the diverse emerging social issues in rural India
- Pioneering bi-weekly Mental Health **podcasts** in collaboration with **Student Wellness Centre**, IIT Bombay

Department Mentor | Department Academic Mentorship Program, IIT Bombay *(May'21 - Present)*
Selected amongst 32 mentors out of 80 applicants based on versatility, academic ethics and positive peer review
- Mentoring **6** students for a smooth transition to department curriculum, motivating their academic endeavours
- Contributed exhaustive course reviews for **4 courses** on the official Chemical Engineering D-AMP website

KEY PROJECTS

Polymer Thermodynamics | Research Project *(May'21 - Present)*
Guide - Prof. Hemant Nanavati | Department of Chemical Engineering, IIT Bombay
- Analysing **10+** datasets for different **samples** & **chemistries** of **PBPU** (Polybutadiene Polyurethane) elastomer
- Examining and quantifying human and systematic errors in **initial deformation** regime of **stress-strain** curve
- Using python libraries like **numpy**, **pandas** and **matplotlib** for data cleaning and visualization

Advertising Strategies - Amul | Course Project | Marketing Management *(Autumn'20)*
Guide - Prof. Arti Kalro | Shailesh J. Mehta School of Management, IIT Bombay
- Researched and analysed evolution of advertising strategies adopted by **Amul India** for over **50** years
- Compared Amul's advertising investments of 0.8% of turnover to 8-15% of turnover of its competitors
- Identified possible reasons for this - **umbrella branding** and the right advertisement at the right time

Optimizing Paper Cups on MATLAB | Course Project | Heat Transfer *(Spring'21)*
Guide - Prof. P. Sunthar | Department of Chemical Engineering, IIT Bombay
- Examined **1 Dimensional spatio temporal** variation of temperature of the paper cup containing a hot beverage
- Investigated **5** materials with different **thermal diffusivities** for **3** designs of paper cups
- Found out the best possible combination - multilayer design of PET, PLA and Polystyrene out of **18** combinations

INTERNSHIP EXPERIENCE

Sahu Technologies | Research and Development Internship *(Dec'20 - Jan'21)*
*Awarded **Certificate of Appreciation** and **Subject Expert Certificate***
- Conducted extensive market research in **EdTech** sector including attributes like tutorials and internships
- Prepared **Research and Development** strategy and implementation plan to build an EdTech website

EXTRA-CURRICULARS

Social	• Prepared **content** and conducted **regular online teaching** for NGO Vidya students *(Autumn'20)* • Coordinated in Education and Skill Training department of **Enactus**, IIT Bombay *(Oct'20 - Apr'21)*
Sports	• Completed IIT Bombay Virtual Run 2020 under **Fit India Movement** *(Sep'20)* • Completed one year of training in **Yoga** under National Sports Organisation(NSO) *(2019-20)*
Technical	• **Programming Languages**: Python, MATLAB, R, C++ • **Softwares & Modules**: Jupyter Notebook, Numpy, Pandas, Matplotlib, LaTeX
Others	• Contributed an **article** named **Freshie Lookback** for annual IIT Bombay Freshie Newsletter *(Dec'20)* • **Courses**: Python for Statistical Analysis, Fundamentals of Energy, Finance 101 • **Bootcamps and Workshops**: Finance, Trading, LaTeX, OpenModelica