



SACHIN GURUNATH PAWAR | 17MI3FP11

MINING ENGG.(B.Tech) & FINANCIAL ENGG.(M.Tech)
MINOR in MATHEMATICS & COMPUTING (M.Sc. 5Y)

EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2022	B.Tech + M.Tech	IIT Kharagpur	8.23 / 10
2016	Maharashtra State Board	Yeshwant College,Nanded	77.69%
2015	Maharashtra State Board	Mahatma Phule High School,Nanded	95.80%

PROJECTS

RT-GSOM:Rough Tolerance Growing Self-Organizing Map **Dec'18-Jun'19**
(Research Project under Guidance of **Prof. J. Maiti**)
•Applied **Rough Tolerance Theory in Normal G-SOM** to deal with vagueness and uncertainty in datasets.
•We presented a comparative experimental evaluation of the important validity measures (SI & DB indices).
•This project proposes a hybrid self organized model for cluster analysis.

Financial Statement Analysis | Term Project Under Prof. Abhijeet Chandra **Mar'19-Apr'19**
•Compared McDonalds and Starbucks at different maturity periods to know their profitability and liquidity
•**Bloomberg** helped in getting the **Income Statement**, **Cash Flow Statement** and the **Balance sheet**
•Growth, Valuation, Profitability, Management and Effectiveness, Efficiency **ratios** were calculated and compared
•New Investors should choose Starbucks as the valuation of stock is expected to **rise better** than that of McD

Beta Book Project | Mid-Term Project Under Prof. Abhijeet Chandra **Mar'19**
•Obtained daily and weekly adjusted closing prices for **Chemical Firm** from both **BSE** and **NSE**
•Computed daily and weekly return for both firms and indices, estimated **equity beta** for each sample firm
•Compared the best beta with the **implied beta** for respective firms and compute industry beta accordingly

AWARDS AND ACHIEVEMENTS

Open IIT Data Analytics Competition | Secured Bronze **May'19-Jul'19**
•Analyzed data to find proper inventory management strategy for maximizing the profit from sales.
•Used **ARIMA** Model to predict the future cashflows (Platform used: Python and MS Excel).

Open IIT Case Study Competition | Secured Silver **Dec'18-Jan'19**
•Developed a strategy to grow business by expanding the markets via adding variety of products.
•Prepared Financial Statements to predict the financial position and cash flows of the startup.

SKILLS AND EXPERTISE

Languages - C | C++ | Python (NumPy, Pandas, Matplotlib, Scikit-Learn)

Software and Tools- SolidWorks | SketchUp | MS Excel | MS Word | MS Powerpoint | Anaconda | Github

COURSEWORK INFORMATION

Programming Courses: Programming and Data Structure | Probability and Statistics | Machine Learning (Andrew N G Coursera) | Data Analysis (Udemy) | Python for Data Science

Finance Courses: Corporate Finance and Financial Accounting | Bloomberg Marketing Concept | Economics | Regression and Time Series Analysis | Modern Algebra

POSITIONS OF RESPONSIBILITY

Event & Competition Head | Finance Club | IIT Kharagpur **Apr'19-Present**
•Responsible to lead a **3-tier** team of **45+** people for organising Financial Seminars with around **200+** footfall.
•In-Charge for organizing quizzes and ice-breaker events during the seminars.
•Responsible for the conduction of **technical workshops**, planning and executing all the event in seminars.

Mentor | Student Welfare Program **Jul'19-Present**
•Assisting **9 freshers** to make better choices by providing guidance about available opportunities and avenues.
•Helping students **weak** in academics elevate their performance and achieve academic and overall stability.

EXTRA CURRICULAR ACTIVITIES

•Bagged **Gold** in Inter Hall **Chess**, contributed in winning Sports General Championship 2018-19 for Azad Hall.
•Contributed in winning Sports General Championship 2017-18 for Azad Hall, by bagging **Silver** in Inter Hall **Chess**.
•Part of **Gold** winning choreography team of Azad Hall of Residence in Social-Cultural General Championship 2018.
•Bagged **Gold** in Inter Hall Dance, contributed in winning Sports General Championship 2019-20 for Azad Hall.