NIDHISHA SHETTY

ACADEMIC PROFILE

PGDM – Finance	8.78 CGPA	Jagdish Sheth School of Management, Bengaluru	2025
Degree – BCom	77.76 %	Mangalore Academy of Professional Studies, Mangalore	2019
Class XII	92.16 %	Alva's Pre-University College, Moodbidri	2016
Class X	90.18 %	Gunashree Vidyalaya Siddakatte, Bantwal	2014

AREAS OF STUDY

- Fundamentals of Analytics for Finance, Product Management, Fintech Overview, Advanced Corporate Finance, Fundamentals of Derivatives, Business Data Visualization, Business Strategy and Simulation

INTERNSHIP — 3 Years 1 Months

CA Sudesh Kumar Rai, Mangalore (S&S Associates)   **Articled Assistant**   **March 2019 – April 2022**

- Conducted 30+ audits ensuring compliance with financial regulations for bank, cooperative society, educational institute and temple
- Finalized 100+ tax audit reports, computed taxable income, and filed annual returns, resulting in accurate and timely submissions
- Prepared and presented financial statements (balance sheets, profit & loss statements, cash flow statements) for 30+ companies and firms
- Developed 15+ project reports and financial statements, aiding in financial planning and analysis
- Filed 200+ GST and TDS reports, maintaining compliance and reducing tax liabilities

ACADEMIC PROJECT(S)

Forecasting NIFTY Daily Data Investigated the effectiveness of simple exponential smoothing

- Forecasted the latest week of NIFTY index values using 11 months and 3 weeks of historical data
- Investigated the effectiveness of **simple exponential smoothing** for forecasting Nifty 50 prices
- Employed Mean Absolute Error (**MAE**) of 10.78 and Mean Absolute Percentage Error (**MAPE**) of 0.05% to evaluate forecast accuracy
- Demonstrating proficiency in quantitative analysis and time series forecasting

Evaluating Portfolio Performance

- Constructed a personalized portfolio consisting of 5 stocks and employed Solver to optimize the return for the Risk taken
- Evaluated the portfolio's performance using industry-standard metrics including **Sharpe ratio, Treynor ratio,** and **Sortino ratio**
- Achieved a Sharpe ratio of 1.19026 and a Sortino ratio of 2.27528, demonstrating strong risk-adjusted returns and effective management of downside risk
- Compared to the Nifty index, the portfolio exhibited lower risk and downside deviation while achieving competitive Treynor and Sortino ratios, indicating superior performance relative to market volatility and risk

Computation and interpretation of Value at Risk (VAR) for Stocks

- Developed a model to compute and interpret **VAR** for a stock portfolio using both the **percentile historical method and the variance covariance** method
- Processed and analyzed historical price data of various stocks over a multi-year period
- Applied the percentile approach to estimate potential losses at specified confidence levels (e.g., 95th, 99th percentile)
- Utilized the variance-covariance method to calculate portfolio VAR, incorporating correlations between different stocks
- Provided insights into risk exposure and potential losses under different market conditions

CERTIFICATIONS

Understanding financial Markets	Universite De Geneve (Coursera)	2023
Financial Accounting	University of Illinois (Coursera)	2023
Creating Dashboards and Storytelling with Tableau	University of California, Davis (Coursera)	2024
Excel Skills for Business: Advanced	Macquarie University (Coursera)	2023

POSITIONS OF RESPONSIBILITY

JAGSoM, Bengaluru	**Committee Coordinator - Fintech Committee** Organized and executed 10+ educational events, enhancing knowledge and corporate readiness of members.	**2023-2025**
	Course Coordinator – Social Immersion Program Coordinated between the college, student volunteers, and Sadhana Forest NGO for a 10-day social immersion program.	**2024**

ACCOMPLISHMENTS

Competitions and Activities	- Secured **1st place** in an essay competition out of 150 participants. - Recognized as one of the **top 10** in a **Design Thinking Project**, leading a team through the complete design process from problem discovery to solution implementation - **Led audit teams** in the internal audit of 20+ banks, educational institutes, cooperative societies, and temples within the first year, demonstrating leadership and effective task management

SKILLS	Tally, Microsoft Excel, Tableau, Analytical Thinking, Customer Focus, Leadership Skills