

NETHRAVATHI N



NAME: Nethravathi N, Assistant Professor

QUALIFICATION: B.Sc., MBA (P.hD)

SPECIALIZATION: Finance

ACADEMIC EXPERIENCE: 7 Years

Profile Summary

With over seven years of teaching experience in finance and allied subjects, Ms. Nethravathi N brings a strong blend of academic expertise and practical exposure to financial markets. Currently pursuing a Ph.D. on “An Empirical Study on Option Trading Strategies in the Indian Stock Market: A Machine Learning Perspective,” the research work reflects a focus on advanced trading strategies and data-driven financial analysis.

Professional experience covers equity, derivatives (F&O), commodities, and currency trading, supported by certifications from the National Stock Exchange (NSE), which further strengthen expertise in capital markets and trading strategies. Contributions include preparing finance question papers for VTU examinations, showcasing the ability to design academic content aligned with university standards

Certifications

1. National Stock Exchange certification on stock market technical analysis & options trading:

- ✓ Investment analysis & Portfolio Management
- ✓ Introduction to technical analysis & options.
- ✓ Technical patterns & trading strategies
- ✓ Currency options
- ✓ Derivatives-Options & Futures Trading strategies
- ✓ Options pricing & Strategies
- ✓ Algorithmic trading
- ✓ Capital market dealer's module

2. Certification on Fundamental Analysis of companies by Finnovationz.

3. Technical analysis & option trading from Avadhut Sathe Trading Academy.

4. Course era certification on “Finance of Mergers and Acquisitions: Valuation and Pricing”
5. Course era certification on “Creating a Portfolio”.
6. Course era certification on “Investment Banking: Financial Analysis and Valuation”.

Publications

1. Exploring the Impact of Social Media on the Indian Banking Sector: A Comprehensive Social Media Framework (pages 157-174), DOI: 10.4018/978-1-6684-7450-1
ISBN13: 9781668474501|ISBN10: 1668474506|ISBN13 Softcover: 9781668474549|EISBN13: 9781668474518 **Indexed In: SCOPUS**
2. Artificial Intelligence for Sustainable Futures: Navigating Social and Environmental Responsibility. DOI: 10.4018/979-8-3693-5380-6.ch006.
3. Unleashing the Power of AI for Intelligent Investments: Revolutionizing Stock Market Trading. DOI: 10.4018/979-8-3693-5380-6.ch021.
4. Human Evaluation in Large Language Model Testing: Assessing the Quality of AI Model Output. DOI: 10.4018/979-8-3693-5380-6.ch022.
5. A study on Impact of Social Media on Customer Satisfaction level in E Tail market. Published In JETIR (www.JETIR.org) ISSN UGC Approved & 5.87 Impact Factor Published in Volume 6 Issue 5 , May-2019
6. A Comparative analysis on performance of Indian stock market major & sectoral indices during Modi’s Tenure 1 and Tenure 2. (presented, publishing process is going on with wiley publishers)

Accomplishments

- Question Paper Setter at VTU, Belgaum, Prepared finance subject question papers for university exams.
- Conducted & coordinated Global Immersion Program organised by Acharya Institute of technology.
- Conducted & coordinated international conference **MTEC-2024** organised by Dept of MBA, AIT.
- Conducted & coordinated 3 days Faculty Development Programme entitled “Data Analysis for Research Using Statistical Tools” organised by Dept of MBA, AIT
- Conducted & Coordinated 3 days’ Workshop on "Research Methodology" organised by Dept of BBA, AIGS.
- Presented research papers at various conferences.

Conferences/FDP’s/Workshops attended

- One-month National Level Workshop on SPSS- Statistical Package for Social Science Research.
- 3-week Women Entrepreneur Program on “Sustainable & Eco friendly Products, Digital e-commerce Businesses.
- 2-week FDP on “Opportunities & Challenges in Entrepreneurship”
- 7 days FDP on Innovation, IPR, Technology Development and Entrepreneurship.

- 7 days FDP on Research Methodology & Hands on Data Analysis.
- 10 days National level Workshop on How to write and get research paper published.
- 5 days FDP on Recent Trends in Business.
- 5 days FDP on Personal Investment & Tax Planning.
- 2 days FEP on “Financial & Predictive Modelling”.

Subjects Handled

- Stock & Commodity Market
- Investment Management
- International Finance
- Financial Derivatives
- Business Analytics
- Security Analysis & Portfolio management
- Financial markets & Services
- Financial Management
- Banking & Financial Operations
- Global financial management
- Corporate Valuation
- Risk management & Insurance
- Entrepreneurship Development
- Marketing Management
- Productions & Operations Management
- Public Finance

Skills & Abilities

- Proficient in stock market technical analysis & options trading.
- Proficient in Fundamental Analysis of companies.
- Possess extensive expertise in analysing stock market data using advanced Excel tools and techniques like Arch, Garch, python. Evaluating portfolio risk and performance using advanced Excel-based analytics, supporting informed decision-making.