

MSc (Finance & Analytics)



PROGRAMME OVERVIEW

Continuous improvement and innovation is the key to the success and growth of any business. In the fast changing digital world today, business leverages, the vast volume of data available to take decisions to improve and innovate, especially in finance. With data analytics, businesses are better equipped with information.

However, it takes the knowledge and expertise of a skilled data analytics professional to effectively analyze this data. The current financial industry such as the Big fours, financial institutions, multinational banks, insurance companies, mutual fund companies, finance and leasing companies, stockbroking firms, investment firms, banks etc rely heavily on big data for their informed investment decisions.

There is a high demand for professionals with specializations in finance and data analytics. This remarkable 2 year programme, therefore, aims to train and skill aspirants with the knowledge and application in core finance, investment and data analytics.

PROGRAMME OUTCOMES

After attending this programme, students will be able to:

- Develop a deep understanding of finance concepts and analytical tools and techniques
- Apply the concepts, techniques, methods and approaches of business analytics using real time data
- Analyze and interpret the results of real world financial and data related issues
- · Build models for effective and strong decision making
- Examine the implications of ethical and legal decision processes

ASSESSMENTS

Internal assessment - (Seventy percent)

Assessed through:

- Real time project
- Case discussion and presentation
- Assignments
- Quizzes
- · Mid semester examinations

External assessment - (Thirty percent)

Assessed through:

End Semester examinations

ELIGIBILITY

Graduate with 60% in any discipline (nonfinance students will undergo with mathematics and finance bridge courses)



SEMESTER 1

Financial and Management Accounting
Advanced Corporate Finance
Mathematics and Statistics

Applied Data Analytics and Machine learnings
Financial Markets and Institutions
Marketing Management
Human Resource Management
Operations Management
Holistic Education Development
Simulations in Computational Finance Mandatory Simulation Certification-1

SEMESTER 2

Big Data Analytics
Predictive analytics
Applied Equity Research and Portfolio
Management
International Financial Management
Financial Modelling and Business Valuation
Holistic Education Development
Simulations in Computational FinanceMandatory Simulation Certification-2

Industry Internship- 60 days (4 Credits)

SEMESTER 3

Stochastic Finance
Prescriptive Analytics
Financial Analytics
Strategic Management and Business
Transformations
Applied Derivatives and Risk Management
Fixed Income Securities and Treasury
Management
Marketing Analytics
HR Analytics
Operations and Supply Chain Analytics
Internship

SEMESTER 4

Ethical and Legal Aspects of Analytics Cyber and Data Security Live Project (4 months long)

KEY EXPERTISE OFFERED



Simulations



Financial Models



Predictive and Financial Analytics



Data Visualization



Applied Data
Analytics and
Machine
Learning



Big Data Analytics

With the unique MSc Finance and Analytics programme, we create excellent career opportunities in a wide spectrum of financial institutions and other emerging areas in the financial sector and analytics.

PROGRAMME HIGHLIGHTS





















EVALUATION AND INTERNSHIP



Following the Academic Calendar and examination pattern of the university, Grant Thornton would be conducting an examination on Semester basis.



Top 10 deserving students would be provided assured internship at Grant Thornton. This would be based on the overall performance of the students in exams, projects and sessions.

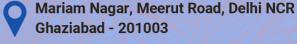
All students would get a chance to work on various real industry projects under supervision of GT trainers and also get assistance to get internship in the industry.

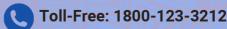


Deserving participants would get interviewed by Grant Thornton in India for suitable roles and placement assistance would be provided to all students

Grant Thornton would help students with other placement aids like resume writing and interview simulation.







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