



# MSc (Finance & Analytics)

IN ACADEMIC ASSOCIATION WITH



## Grant Thornton

**Become an expert in the field of finance and analytics through this uniquely designed post graduate program delivered in association with leading industry experts with real time exposure through internships, simulations and live projects.**

12%



## 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 (non-finance students will undergo with mathematics and finance bridge courses)





# PROGRAMME STRUCTURE

## 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

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 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 Finance-  
Mandatory Simulation Certification-2

## 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



Next Generation  
Finance



Applied  
Analytics



Exclusive Teaching Hours  
both Online and Offline



Grant Thornton  
Certificate of Completion



Other Emerging  
Technologies



Mentoring with  
industry experts



Case Studies and  
Project Work



Access to session  
recordings via GT LMS



Hadoop, R, Python,  
Tableau, PowerBi



4 months  
Live Projects

## EVALUATION AND INTERNSHIP



### EVALUATION

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



### INTERNSHIP

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.



### PLACEMENTS

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.

SCAN TO FOLLOW US  
ON OUR SOCIALMEDIA



<https://linktr.ee/christdelhincr>



Mariam Nagar, Meerut Road, Delhi NCR  
Ghaziabad - 201003



Toll-Free: 1800-123-3212



Email: [mail.ncr@christuniversity.in](mailto:mail.ncr@christuniversity.in)



<http://www.ncr.christuniversity.in>