

CERTIFICATE COURSE ON ADVANCED FINANCIAL ANALYTICS & MODELING USING MICROSOFT EXCEL

Aims and Benefits

- Improve participants' skills in financial analysis technique, and identify their applicability to assess the financial health of organizations
- Learn a complete range of techniques for analyzing financial data and forecasting them
- Gain necessary skills to become an excel analytics expert by learning a wide range of excel-based analysis tools
- Learn how to transform non-financial qualitative information into quantitative formats and use them in financial analytics
- Learn advanced techniques that enable making truly informed financial and non-financial decisions.

Week	Module	Topic
1	01	Basics of MS Excel features and financial statement analysis techniques
	02	Overview of financial statements, understanding the relationship between the four main financial statements and plugging information into MS Excel
2	03	Ration analysis, trend analysis, common sizing, and break-even analysis
	04	Credit analysis, Credit rating concepts and methods, and predicting corporate bankruptcy
3	05	Basics of stock valuation and preparing projected financial statements
	06	Valuation of firm and equity, determining cost of capital, qualitative adjustment into valuation model, and investment decision making
4	07	Project evaluation and capital budgeting decisions, real option valuation, and Sensitivity and Scenario Analysis
	08	Security analysis and selection, portfolio construction, management and evaluation in securities market
5	09	Constructing stock market index, index maintenance and update, index review and corporate event adjustments
	10	Risk Analysis and use of simulation in estimating risk
6	11	Using Pivot and Dashboard for decision making in Excel
	12	Three hours of presentation of projects to be prepared by the participants assigned on day one

- Duration of each class will be of 3 hours
- Each module will include hands on training on building relevant financial models
- Free access to proprietary models and templates

The course is suitably designed for all range of participants.

Particularly, professionals working in different roles across financial organizations such as banks, insurance companies, finance companies, brokers and dealers, stock exchanges, asset managers, merchant banks, credit rating companies will highly benefit from the course.

Financial and non-financial executives at non-financial organizations will be able to improve decision making skills.

Graduate and undergraduate students will also find this course extremely helpful in preparing for the job market.