NCFM (NSE India) Certified - Financial Modelling







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Financial Model applications

Financial Modeling is a key skill with application in several areas within banking and finance industry as well as within corporations.

- Forecasting future raw material needs
- Valuation of a security
- Benefits of a merger
- Check the size of the market opportunity
- See the roadmap to profitability

- Check investment requirement
- Quantify and predict risk
- Portfolio performance
- Identify undervalued securities

Financial Modelling

1

 In Financial Modeling you learn to gather historical information on companies and analyze company / industry performance on various financial parameters

2

 Analysis is then used to build a companies financial model, which in turn is key to projecting a future financial performance

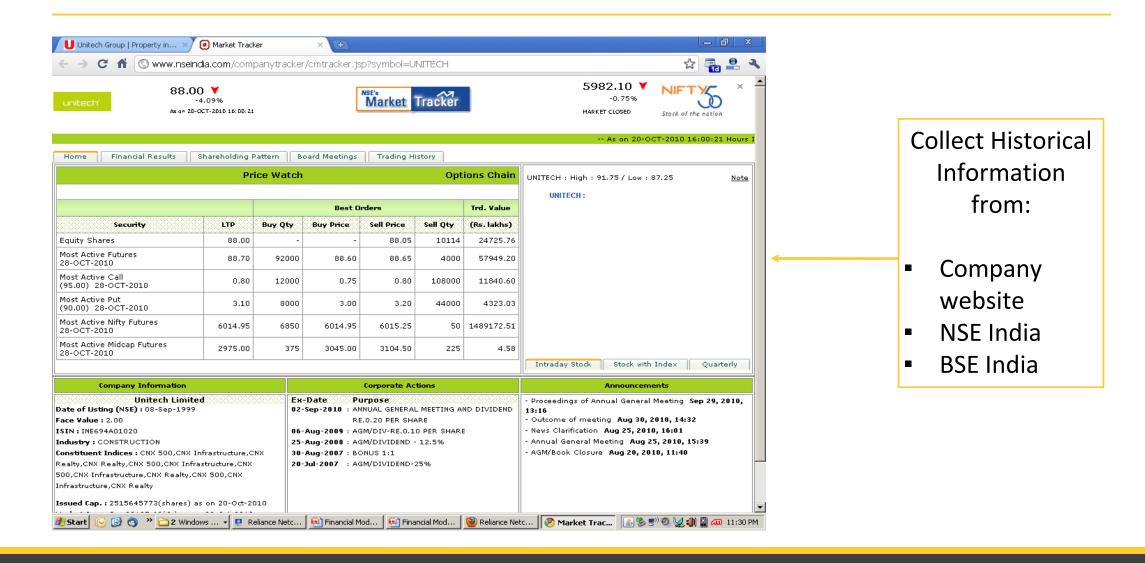
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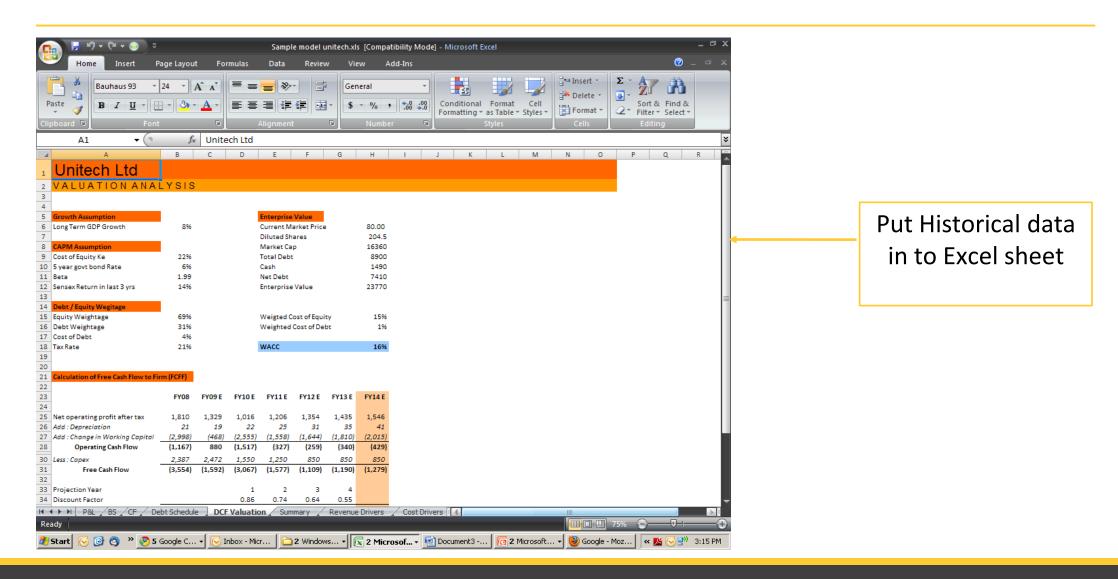
Based on this model companies / investors can arrive at a suitable valuation for the companies.

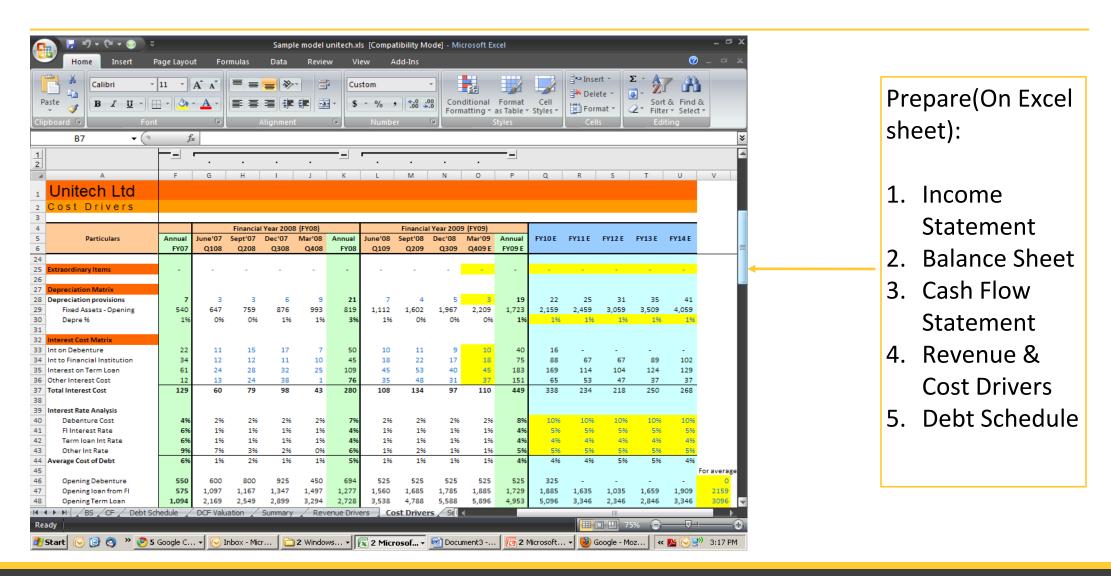
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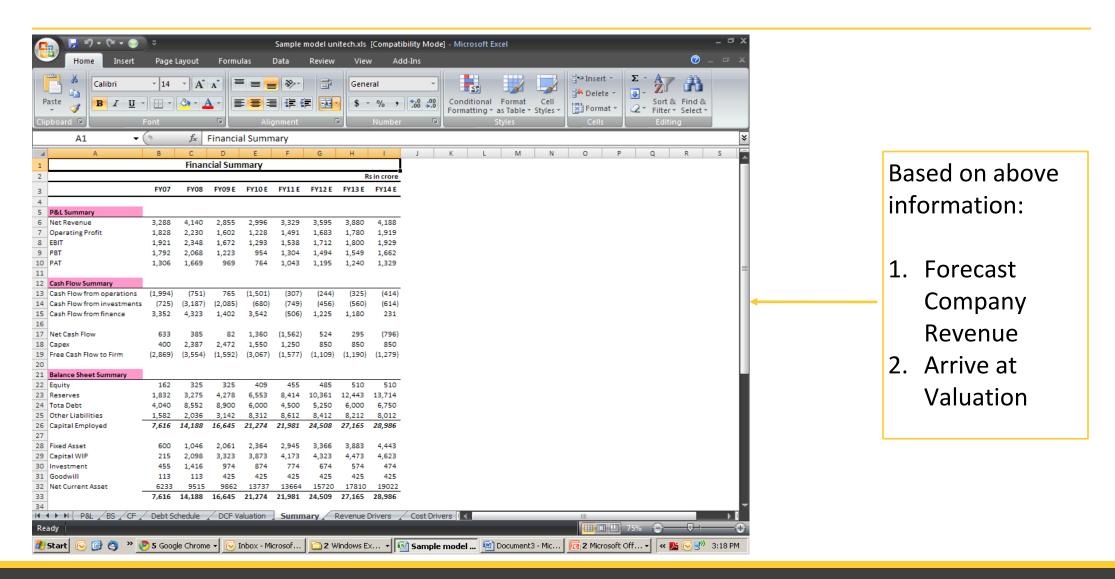
Such research analysis is used in the areas of investment banking / equity research/financial KPOs that are assisting investment bankers / equity research firms, financial advisory firms, project finance

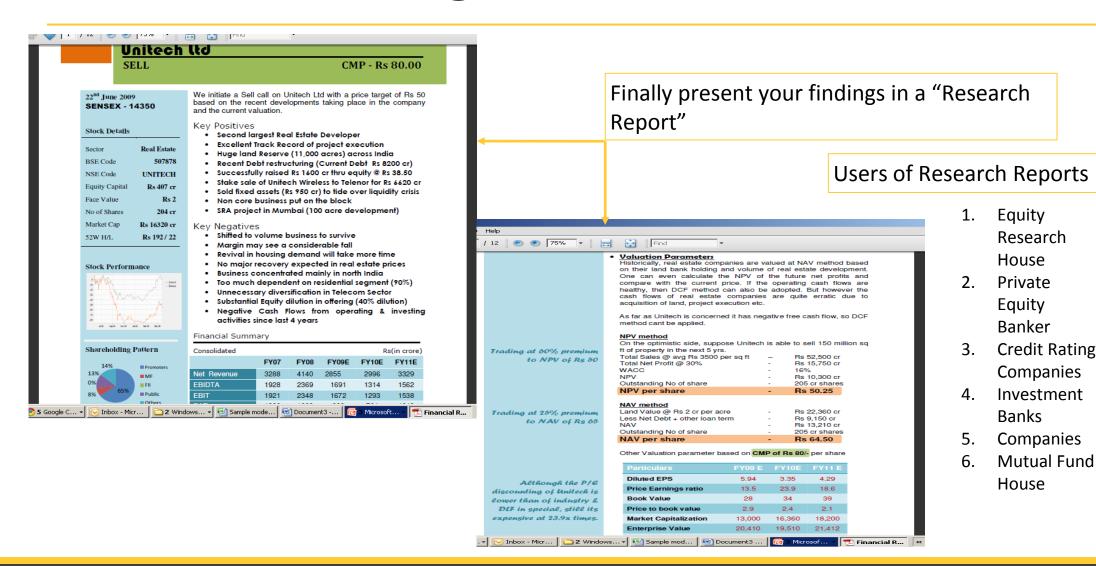
Preparing a Financial Model & Research Report











Applications of Financial Modelling

Investment Banking

Financial Modeling helps Investment Banker in Valuing the company by forecasting the revenues.
 On the basis of Valuation they recommend the buyer or seller on acquisition of new funds or investments in new funds respectively.

Equity Research

• Financial Modeling enables analyst in examining an organization's financial projections, competitor's projections and other dynamics to determine whether it is a smart or a risky investment.

Credit Rating

 Financial Modeling equips Credit Analysts in collecting historical information & , outstanding debts and forecasting future growth on excel sheet to determine the degree of risk factor , which helps him/her in giving rating

Project Finance

• Financial Modeling helps in assessing the financial viability of a project and creating a funding plan through debt and equity components

Mergers & Acquisitions

 Financial Modeling helps the companies in access the value of the company which they want to merge or acquire by forecasting the revenues, preparing debt schedule, by doing competitor analysis

Financial Analysis

• Financial Modeling helps companies in assessing their own finances & build financial models for their on projects. & in creating a funding plan through debt and equity components

Why NSE Certification



- ✓ Your gateway to a rewarding career in Equity Research, Investment Banking, Credit Rating, Project Finance, Business Analysis
- ✓ Learn Excel Modeling for Analyzing, Valuing & Forecasting different companies
- Prepare Financial Research snapshots and evaluate different sectors
- ✓ The only Financial Model program in India certified by NSE India.
- ✓ NSE is the largest certifying body for financial modules
- ✓ Capstone Project on building Financial Model
- ✓ Get three additional certifications on "Investment Banking M&A" and "Advance VBA and Macros", "SQL" by IMS Proschool

Syllabus at a glance

Module 1	Module 2
Excel Proficiency	Refresher course on Economics, Financial Markets, Financial Statements & Financial Management
Formatting of Excel Sheets, Use of Excel Formulae Function	Introduction - Economics , Microeconomics , Macroeconomic
Data Filter and Sort , Charts and Graphs	Refresher - Basic Accounting Principles
Table formula and Scenario building, lookups, pivot tables	Reading the Annual Report & International Accounting Standards
Advanced Modeling Techniques	Time value of money , Long term financing , Cost of capital , Risk and return
Introduction to macros, Macros, Recording of Macros	Capital Structure, Dividend Policy, Working Capital Requirements, Equity and Industry Analysis
Understanding Visual Basic Environment (VBE)	Financial Markets & Intermediaries

Syllabus

Topic	Detail
Basic Excel for Financial Modeling	 Formatting of Excel Sheets, Use of Excel Formula Function, Advanced Modeling Techniques, Data Filter and Sort, Charts and Graphs, Table formula and Scenario building, Lookups: Vlookup Match & offset, pivot tables
Financial Statement Analysis (Based on CFA Level I Syllabus)	 Introduction to Financial Statement Analysis Financial Reporting Mechanics, Understanding Income Statement, Balance Sheet, Cash Flow Statement, Financial Analysis Techniques, Inventories, Long Lived Assets, Non Current Liabilities, Financial Statement Application
Financial Ratios (Based on CFA Level I Syllabus)	 Ratio analysis of industries Du point Analysis Peer to peer analysis Preparation of Financial Analysis report on an industry

Syllabus continued....

Topic	Detail
Financial Management & Corporate Finance (Based on CFA Level I Syllabus)	
Project Finance	 Project evaluation; stage of project; construction & development phase; funding during investment phase; costs during investment phase; life of project; decision making, cash flow waterfall & resolve circular reference problem in interest during construction.
Equity Research Modeling	 Prepare an Income Statement, Balance sheet, Cash Flow Statement, Geographic Revenue Sheet, Segment Revenue Sheet, Cost Statement, Debt Sheet, Analyze Revenue Drivers Forecast Geographic & Segment Revenues, Cost Statement, Debt, Income Statement, Balance Sheet, and Cash Flow Statement. Performa Adjustments, Income Statement - Compute Margins, Balance Sheet -Compute Ratios Cash Flow Statement Projection, Valuation- Discounted Cash Flow Method (DCF), Valuation – Relative Valuation (Football Field Chart) Valuation – Assumptions for Valuation Model, Prepare Valuation Model, Prepare Presentation Sheet, Prepare Company Overview , Sector Overview

What's More ... Additional Training (After clearing NCFM - Financial Modelling Exam)

VBA and MAcros

- -Understanding Macros and VBA
- Recording Macros
- -Understanding basics of coding
- · Understanding objects and
- control statements in VBA code
- Application of macros to Financial modeling
- Developing solution to circular reference problem
- Developing sensitivity table
- Developing scenario analysis
- Developing simulation
- Examples will be based on project
- models

nvestment Banking M & A

- Introduction to Investment Banking
- Merger and Acquisitions
- Types of M&A: Merger ,Acquisition,
- Consolidation ,Spin-off
- Drivers for M&A
- Accounting for Mergers: Purchase
- Method & Pooling Method
- Differentiate between financing and
- operating synergies
- M&A Regulatory Environment
- Developing M&A Models: Integration of
- Financial Statements between (Target
- and Acquirer),
- Valuation -DCF, Relative and Transaction
- Comps
- Developing Merger Model
- Developing Synergies

SQL

- Introduction to Databases
- Terminologies Records, Fields, Tables
- database normalisation
- Primary Key
- How data is accessed
- Introduction to SQL Table creation
- SQL Syntax, SQL data Types, SQL Operators
- Table creation in SQL: Create, Insert, Drop , delete and updating
- Introduction to SQL Table access & Manipulation
- Select with Where Clause (In between, logical operators, wild cards, order, group by)
- SQL constraints, Concepts of Join Inner, Outer
- Case study

Note: The above training programs will be conducted online only

What's More ... Capstone Project (After clearing NCFM - Financial Modelling Exam

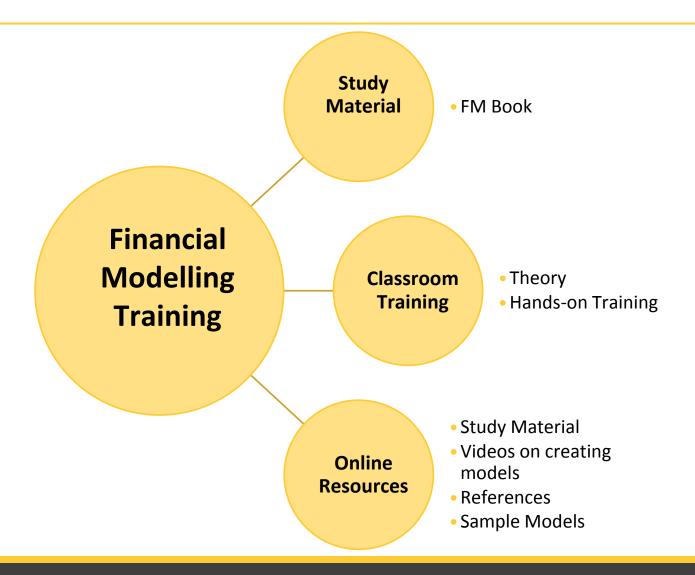
What is Capstone Project?

The Financial Modeling Capstone Project gives you an opportunity to apply what you've learned during the course of training. In this project, you will apply your knowledge on financial modeling for a real business challenge faced by a Financial Research Company.

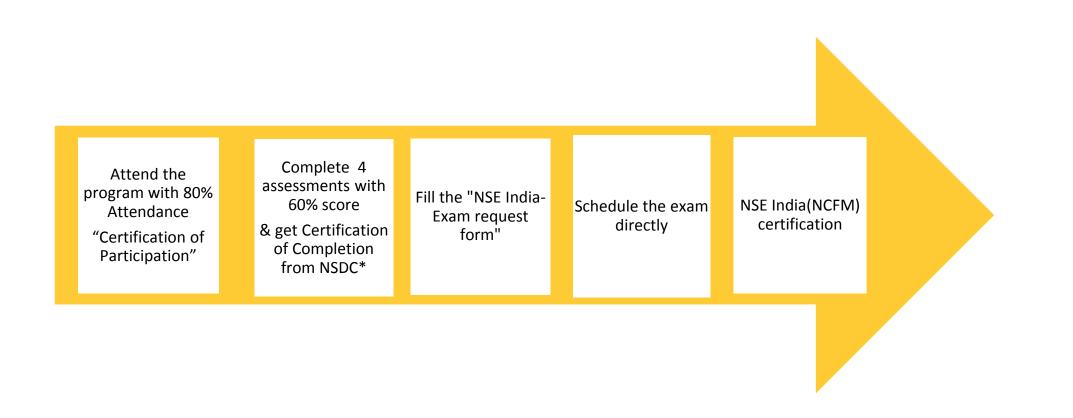
Benefits of Capstone Project:

- 1. At the end of this Capstone Project, you'll be able to ask apt questions on the basis of data given and gain insights on how to use financial data effectively to address business challenges on your own.
- 2. Once you've completed the project, you'll be better prepared to do valuation of a company and accordingly prepare a detailed report.
- 2. In case you don't have any relevant experience in Financial Modeling, this project will enable you to showcase your expertise in a job interview.
- 3. You'll receive an additional certificate on completion of the Capstone Project from IMS Proschool.

Course Resources



Evaluation & NSE Certification



NSDC: National Skill Development Corporation, an initiative of Ministry of Skill Development, Govt of India

Key Features of training program

- ✓ 3 Months weekend classroom program and Live Virtual classroom program
- ✓ Comprehensive course content making you Job ready
- ✓ Practical hands-on training methodology
- Study resources for reference and practice
- ✓ NSE Exam preparation via rigorous internal assessments
- ✓ Placement Assistance Interview grooming



Study Options

Comprehensive Classroom	Live Virtual Classes	Distance Learning
12 weeks of Classroom Training	40 hrs of Audio – Video enabled "Live & Interactive training program on CISCO Platform	Self study
Study Material – Books and Online Resources	Study Material – Books and Online Resources	Study Material – Books and Online Resources
100 hrs Audio Video presentation on building models	Get recorded sessions for future reference.	100 hrs Audio Video presentation on building models
Learn 6 financial models of different sector	Clear your subject doubts face-to-face with experts	4 hrs online workshop
Weekend Classes	Weekend sessions	At your own pace
Pune , Mumbai, Delhi , Bangalore, Hyderabad, Thane, Chennai	Across India	Across India

Study modes - Features



Classroom Training

- Face-to-face training by industry expert faculty
- Access online study resources and mock assessments
- Get your queries/doubts resolved in real time
- Networking opportunity with varied experienced professionals
- Knowledge sharing among peers and motivation due to interactivity
- Interview grooming



- Audio Video enabled "Live & Interactive training program" on CISCO Platform
- Clear your subject doubts face-to-face with experts
- Get recorded sessions for future reference and missed sessions.
- Access Online study resources and Mock assessments
- Interact with your peers virtually while learning
- No travel, save time Study in the comfort of your home with a broadband connectivity

Virtual

Proschool An Mal Initiative

About Proschool

- IMS Proschool is an initiative of IMS learning Resources Pvt. Ltd an organization engaged in training students for last 37 years.
- Proschool was launched in **2006** with the objective of equipping graduates and young professionals, with relevant and current skills through standards-based and thoroughly tested certification programs to enable them to perform in a wide spectrum of business environs.
- Ranked **#4 Trusted Brand in Education** and **44**th **amongst Most Trusted Service Brands across India** (AC-Nielsen & Brand Equity Study)
- □ IMS Proschool along with parent organization has trained **more than 3 lakhs candidates** for different competitive exams and professional courses
- 90 centers across India for Management Training and 7 centers of Proschool for Financial Training
- Proschool has also trained over 20000 professionals from well known organizations like State Bank of India, Bank of India, UTI, Kotak Group, ICICI Group, Sundaram BNP Paribas, Citibank etc.,

Partnerships



Funded by National Skill Development Corporation, a PPP promoted by the Union Ministry of Finance, Govt of India to offer skills based education





Tie-up with National Stock Exchange's NCFM for Certification test administration





Approved learning partner of CIMA (UK) for management accounting qualification





Approved prep provider of CFA Institute, USA for CFA Program





Partner with NISM (National Institute of Securities Market - an Initiative of SEBI) to spread Financial Literacy and Awareness across 135,000 schools in the country.



Corporate Clients

Trained & Certified employees of following Organizations

- State Owned Banks
- Foreign Banks
- Security Houses
- Mutual Fund Companies
- Insurance Companies
- IT/ITES







Deutsche Bank

THE TIMES OF INDIA







SOCIETE GENERALE























Our other industry oriented programs

Certification Programs

- Chartered Financial Analyst
- Financial Modeling
- Certified Financial Planner Certification
- Financial Services Foundation
- Chartered Institute Management Accountant
- Business Analytics

Post Graduate Program (6 Month – 9 months)

- Financial Modeling & Business Analysis
- Business Analytics
- Banking & Financial Planning
- Management Accounting



To Know more visit us at www.proschoolonline.com
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Or call your nearest IMS Proschool centre

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Hyderabad	040-66339989, 9701233472
Mumbai (Andheri)	022-65253090, 9967203387
Navi Mumbai	9967203387
New Delhi	011- 40516955, 9871878870
Gurgaon	9971414355
Pune	9763416050, 8454988892
Thane	7710012857, 9987753387
Other cities	022-65285393, 9769162050.
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