



FINANCIAL MODELLING & VALUATION WITH AI

*Leading since
2007*

In-depth
Curriculum

100+
Cases

AI &
Analytics

Govt.
Certification

Leaders in Finance

WHAT IS FINANCIAL MODELLING?

Financial modelling is an essential tool for sound financial decision-making, and a core skill that powers multiple functions across banking, finance, and corporate strategy.

1

In Financial Modelling, you learn to gather historical information on companies and analyse company and industry performance on various financial parameters.

2

This analysis is then used to build a company's financial model, which is key to projecting a future financial performance.

3

Based on this model, companies and investors can arrive at a suitable valuation for the business.

4

Individuals with these skills can work in Investment Banking, Equity Research Trading, Financial KPOs that support Investment Bankers, Equity Research Firms, Financial Advisory Firms and Project Finance.

INDUSTRIES & ROLES THAT RELY ON FINANCIAL MODELLING

Step into industries where numbers drive decisions. Below are the high-impact roles in top MNCs that rely on Financial Modelling to evaluate, value, and drive growth.

Investment Banking

Financial modelling helps investment bankers value a company by forecasting revenues. Based on this valuation, they advise buyers or sellers on acquisitions, investments and raising capital.

Equity Research

Financial modelling enables analysts to examine an organisation's financial projections, competitor's projections and other dynamics to determine whether an investment is sound or risky.

Credit Rating

Credit analysts can collect historical information and analyse outstanding debts while forecasting future growth using Excel to assess the risk levels, which helps them assign ratings.

Project Finance

Financial modelling helps assess a project's financial viability and create a funding plan through debt and equity components.

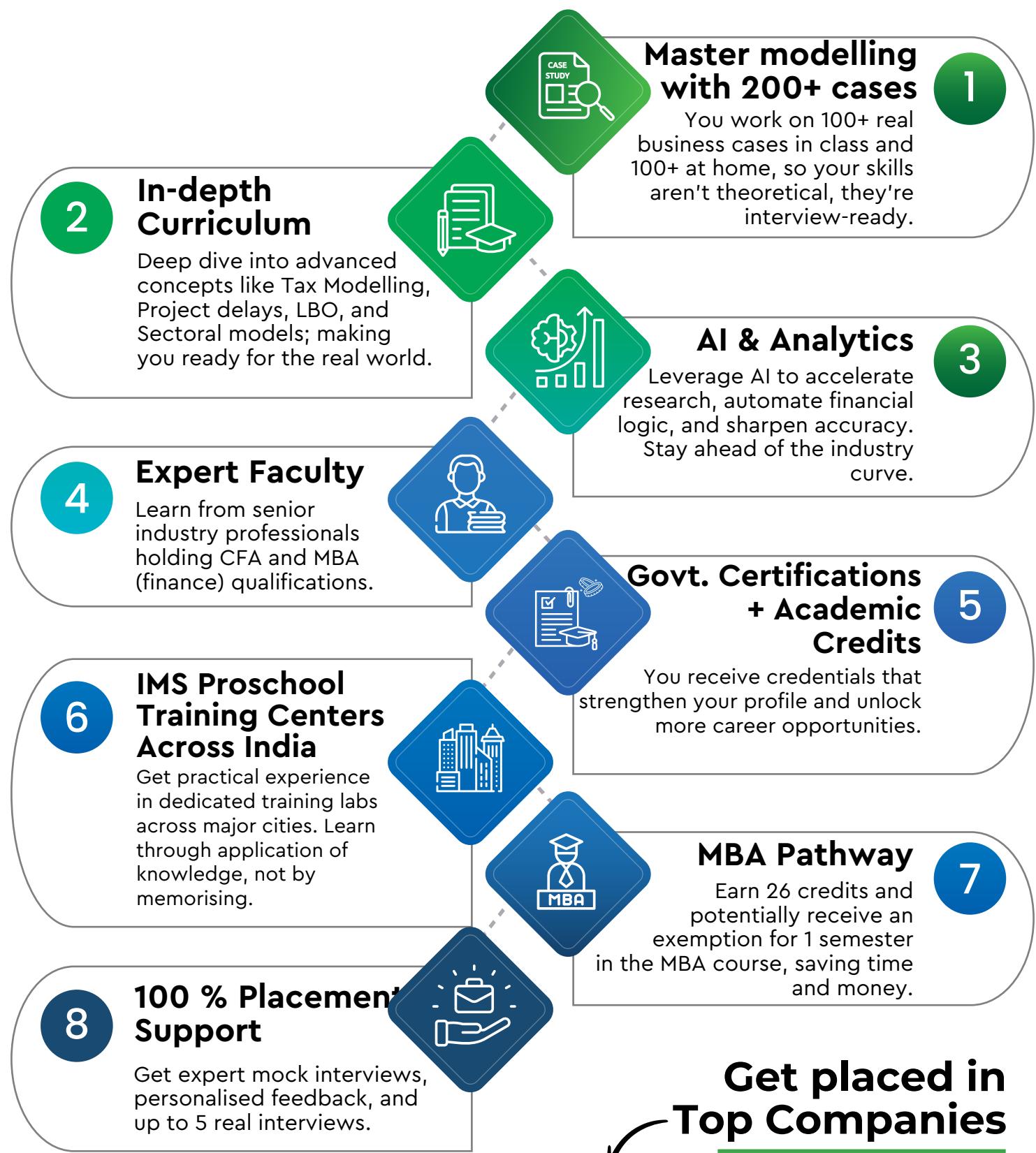
Mergers & Acquisitions

Companies can assess the value of the company by forecasting the revenues, preparing debt schedule and conducting competitor analysis.

Financial Analysis

Financial modelling helps companies assess their finances, build financial models for projects, and create funding plans using debt and equity.

WHAT YOU'LL GAIN AT IMS PROSCHOOL



Deloitte.

BARCLAYS

eClerx

KPMG

EY
Building a better working world

MORNINGSTAR

UBS

accenture

DUPONT

Capgemini

Hindustan Times

ADITYA BIRLA GROUP

Morgan Stanley

wipro

AXIS BANK

GSK

ITC Limited

LARSEN & TOUBRO

pwc

amazon.com

TATA STEEL

BNY MELLON

BAJAJ CAPITAL

COMPREHENSIVE CURRICULUM



Module - 1: Investment Principles And Tools

Microsoft Excel Basic & Advanced

Financial Mathematics

Statistics For Finance

FSA in Excel

Three Statement Model

Project Finance Model

Private Equity & Leveraged Buyout Modelling

Financial Model Audit Case

Theoretical Learning Outcome

Practical Learning Outcome

Basic understanding of Spreadsheet, formula building, relative/absolute referencing

Over of basic excel functions : Sum, sumifs, countifs, averageifs, IF, etc.

Advanced Functions : vlookup, hlookup, match, offset, indirect, index,

Using Pivot tables, Data Tables, Goal Seek and Solver

Introduction to Finance & Investments

Time Value of Money, Concepts of FV,PV,PMT,Rate,Nper

Introduction to Capital Budgeting, Concepts of NPV, IRR, Payback Period

Concepts of Cost of Debt, Cost of Equity, Weighted Average Cost of Capital

Building Financial Planning Models for Investment Decisions

Measures of central tendency, dispersion, skewness, kurtosis, covariance , correlation

Variance, Standard Deviation, Beta, Normal Distribution

Value At Risk

Building Core Excel Skills for Financial Modelling

Working with Large Data set in Excel & Whatif Analysis

Using Excel for decisions

Using Excel to interpret investment results

Investment Planning & Retirement Planning decision cases

Basic Statistical Measures and their interpretation

Practical mapping of Risk & Distribution, Understanding Beta

Analytical Value at Risk Calculation & Interpretation

Graduation cap icon Module - 2 : Financial Statements & Project Finance Modelling

Account Classification

Understanding Accounting Elements

Creating Financial Statements (IS/BS/CFS) from basic Business Transactions

Building Financial Statements in Excel and understanding line items

Interlinking Financial Statements

Understanding linkages between financial statements

Advanced Accounting Topics / Entries

Prepare Multi year Financial Statements using business Transactions. Accounting for Inventory, Debt, Advance from customer, Lease Accounting, Share Based Expense, Deferred Taxes, Goodwill, Write Up/Down of Asset

Building Concept of Free Cash Flows

Understanding Free cash flow components

Calculate and Interpret Different Ratios in Excel

Activity, Liquidity, Profitability, Solvency, Valuation

Use Ratios to understand Performance and risk

Advanced Statement Analysis in Excel

Commonsize, Trend, DuPont Analysis

Understand Business Direction and Drivers

Travel Agency Business Model

Building 3 statement model with debt schedule and return analysis

Modelling Development Phase for Project Models

Modelling capitalised costs like Interest & Fees

Modelling Project Delay

Adjusting project phasing with Time Delay

Modelling Project Taxation

Modelling taxation concepts like CFTL, Deferred Taxes and MAT

Solar Farm Project Finance Model

Evaluate a the feasibility to setup a Solar Farm

Project Finance Modelling Scheme

Develop the Model scheme to build a full scale project finance model

Sugar Factory Project Finance Model

Evaluate the feasibility to setup Sugar Factory. The case includes building development financing, delay modelling, statement forecasting, tax calculations and presenting the case to Debt and Equity Holders.

Graduation cap icon Module - 3 : Equity Valuation Modelling & Model Audit

Data Collection from published Financial Reports

Preparing Model template and Collecting Data

Revenue Driver Forecasting

4 methods of revenue forecasting

Cost Driver & Balance Sheet Schedule Forecasting

Use of Commonsize Ratios and other balance sheet ratios

Forecasting of Financial Statements

Interlinking and forecasting the 3 financial statements

Valuation DCF Discussion of FCFE & FCFF

Building Valuation in Financial Model

Relative Valuation Model

Relative Value and developing football field valuation chart

Understanding Scope of private equity model

Building Model Scheme and Template

Forecasting Financial Statements

Interlinking and forecasting the 3 financial statements

Understanding return analysis in Private Equity using exit multiple technique

Finding Private Equity Returns from Model

Understanding scope of LBO and building LBO Model for a Private Company

Create the cash flow waterfall for the debt and equity investors in the LBO model

Identify and Rectify errors in Annual and Quarterly Financial models

Rectify the Model and Remove all modelling errors

FINANCIAL MODELLING with AI*

AI Applications:

- › **Excel on Autopilot: Crushing Complex Formulas & Dashboards with Google Gemini.** Learn how to use AI to simplify Excel formulas and speed up problem-solving, ideation, and dashboard creation in Power BI.
- › **10x Your Research: Automated Data Collection with Quadratic AI & Screener.in.** This session shows how to quickly collect and format multi-company data, eliminating manual entry and scaling analysis efficiently.
- › **The AI Modeler: Building Startup Financial Models in Minutes with Claude.** Learn to build a complete AI-powered startup financial model with advanced prompting and precise tools like Ramp Sheets.
- › **From Data to Deal: Instant Pitch Decks & Reports with ChatGPT & Gamma.** Turn numbers into narratives and quickly create pitch decks, finance documents, and research reports using the AI-built model.

Power BI

› BI Basics

Intro, setup, data ingestion, UI navigation, basic charts and publishing

› BI reports/Power Query Editor

PQE, visualizations, UI, geolocation and other graphs

› Dashboard development

Calculated fields, dynamic dashboards

› Case work

Summative Assignment + Group Presentations

SQL

› SQL Basics

Installation, ingestion, basic commands and queries, data cleaning

› Data handling in SQL

DQL, operators, group operators, EDA

› SQL advanced

Filtering, joins, subqueries, functions, role of GPT

› Case work

Summative Assignment + Group Presentations

Python

› Python Basics

Overview, installation, basic syntax, data types, variable, operators, common built-in functions

› Data handling in Python

If-else, Loops, Functions and reusable code, lists, tuple, dictionary, sets, numpy arrays

› Advanced Python Case Work

Pandas dataframes, Slicing, Filtering, merging, grouping, reshaping, duplicates, missing values, formatting

› Case work

Summative Assignment + Group Presentations

*These Modules are delivered online for all students

FINANCIAL MODELLING AT PROSCHOOL

Modules

FM

Content

3 Modules

Skills

Financial Maths, Revenue & Cost Forecasting, FSA, Valuation

Tools

Financial decisions, Project, Equity, LBO Modelling

Months

Advanced Excel

4 months

FM.AI

5 Modules

Data Extraction, Visualization & Report Writing

Skills

Modelling with AI tools & large data; Automation

GenAI, PowerBI, SQL, Python

Months

6 months

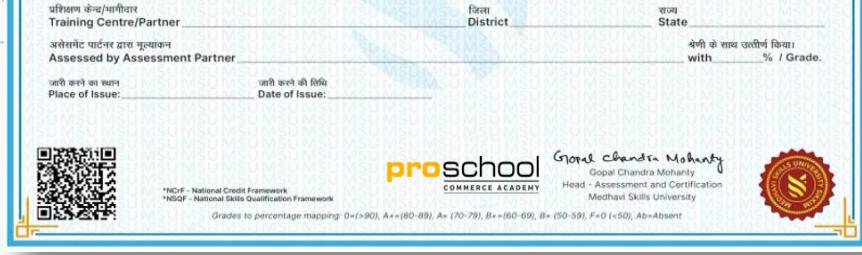
Certifications

5

Credits

10

18



CLASSROOM BATCH REVIEWS



Tushar Ansud

Financial Core Modelling class was well-structured, practical, and easy to understand, with effective Excel-based learning and clear instruction.



Piyush Aggarwal

The faculty was very kind and supportive, seamlessly blending real-life lessons with academic sessions, which made the learning experience practical and engaging.



Bharat Bhanushali

The initial modules were taught by excellent faculty with clear explanations. While the core financial modelling faculty could have been stronger, the course & certification still add value as a good reference for job opportunities.



Priyal Ashara

The availability of recorded classes was very helpful, as it allowed us to revisit missed sessions or unclear portions of the lectures and learn at our own pace.

ONLINE BATCH REVIEWS

Snehal Gawas

The focus on real-world case studies & hands-on practice with financial models provides valuable practical skills. My experience has been excellent, and the faculty have always been very helpful and considerate.



Nirbhay Kumar

The session was very informative & practical. The trainer was helpful and made learning engaging. Overall, a great experience.



Neha Kumari

The session was excellent! Overall, the teaching was clear, and the concepts were made easy to understand. A very valuable learning experience!



Harsh Lakhani

I had a good learning experience with IMS Proschool Institute. The placement support, resume guidance, and mock interviews were especially valuable.



FACULTY

Our faculty are seasoned professionals with extensive industry and consulting experience, complemented by outstanding academic credentials.



Robin Narang

CFA (ICFAI) | MBA

Deutsche Bank

EVALUEReSVE

cognizant



Shivam Shukla

CFA

BDO

Deloitte

NIRVAN
CAPITAL ADVISORS
Loans | Equity | Insurance



Sameer Gunjal

CFA | GARP,USA| MBA (NITIE)

CRISIL
An S&P Global Company

Bharat
Petroleum

ERIC
Economic Research Investment & Capital



CA. Vishal Goel

CA, CS, CFA, ACCA Trainer

RICS
Royal Institution of Chartered Surveyors
AMITY UNIVERSITY

AMITY
UNIVERSITY

WHY CHOOSE IMS PROSCHOOL?

Introduced Financial Modelling in 2007 as one of our many initiatives.

IMS has been one of the most trusted education brands since 1977.

Through hybrid classrooms, active learning methodologies and several other resources.



Pioneering Excellence

Educating thousands



Trained over 60,000 students in Finance, Accounts and Analytics.

The legacy of IMS



Strategic Relationships



Alliances with NSDC, the NCVET authorised body, International Certification bodies and many more.



Empowering students

OUR CENTERS

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