

**proschool**

An **ims** Initiative

# 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.

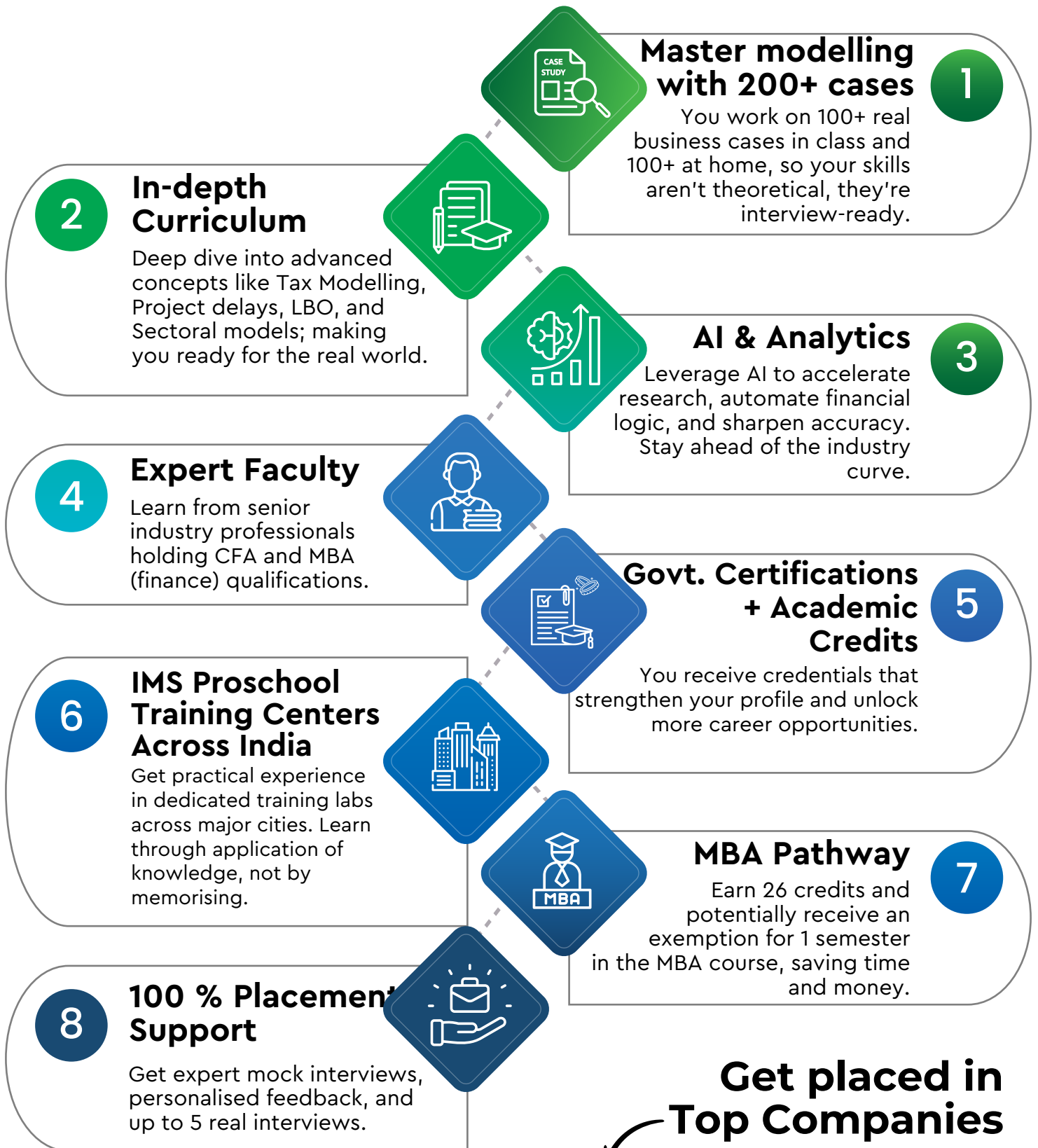
### Mergers & Acquisitions

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



**Get placed in  
Top Companies**

**Deloitte.**

**BARCLAYS**

**eClerx**

**KPMG**

**EY**  
Building a better  
working world

**MORNINGSTAR**

**UBS**

**accenture**

**DUPONT**

**Capgemini**

**Hindustan Times**

**Michael Page**

**Morgan Stanley**

**wipro**

**AXIS BANK**

**GSK**

**ITC Limited**

**LARSEN & TOUBRO**

**ADITYA BIRLA GROUP**

**pwc**

**amazon.com**



**BNY MELLON**

**TATA STEEL**

**BAJAJ CAPITAL**



Comprehensive Curriculum		
Module - 1 : Investment Principles And Tools		
Microsoft Excel Basic & Advanced	Theoretical Learning Outcome	Practical Learning Outcome
	Basic understanding of Spreadsheet, formula building, relative/absolute referencing	Building Core Excel Skills for Financial Modelling
	Over of basic excel functions : Sum, sumifs, countifs, averageifs, IF, etc.	
	Advanced Functions : vlookup, hlookup, match, offset, indirect, index,	
Financial Mathematics	Using Pivot tables, Data Tables, Goal Seek and Solver	Working with Large Data set in Excel & Whatif Analysis
	Introduction to Finance & Investments	Using Excel for decisions
	Time Value of Money, Concepts of FV,PV,PMT,Rate,Nper	Using Excel to interpret investment results
	Introduction to Capital Budgeting, Concepts of NPV, IRR, Payback Period	
	Concepts of Cost of Debt, Cost of Equity, Weighted Average Cost of Capital	
Statistics For Finance	Building Financial Planning Models for Investment Decisions	Investment Planning & Retirement Planning decision cases
	Measures of central tendency, dispersion, skewness, kurtosis, covariance , correlation	Basic Statistical Measures and their interpretation
	Variance, Standard Deviation, Beta, Normal Distribution	Practical mapping of Risk & Distribution, Understanding Beta
	Value At Risk	Analytical Value at Risk Calculation & Interpretation
Module - 2 : Financial Statements & Project Finance Modelling		
FSA in Excel	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
Ratio Analysis in Excel	Calculate and Interpret Different Ratios in Excel	
	Activity, Liquidity, Profitability, Solvency, Valuation	Use Ratios to understand Performance and risk
	Advanced Statement Analysis in Excel	
Three Statement Model	Commonsize, Trend, DuPont Analysis	Understand Business Direction and Drivers
	Travel Agency Business Model	Building 3 statement model with debt schedule and return analysis
Project Finance Model	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 fesibility 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.
Module - 3 : Equity Valuation Modelling & Model Audit		
Public Equity Modelling for 2 Different Sector	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
Private Equity & Leveraged Buyout Modelling	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 cash flow waterfall for the debt and equity investors in the LBO model
Financial Model Audit Case	Identify and Rectify errors in a Annual and Quarterly Financial models	Rectify the Model and Remove all modelling errors

- › **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.

- › **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

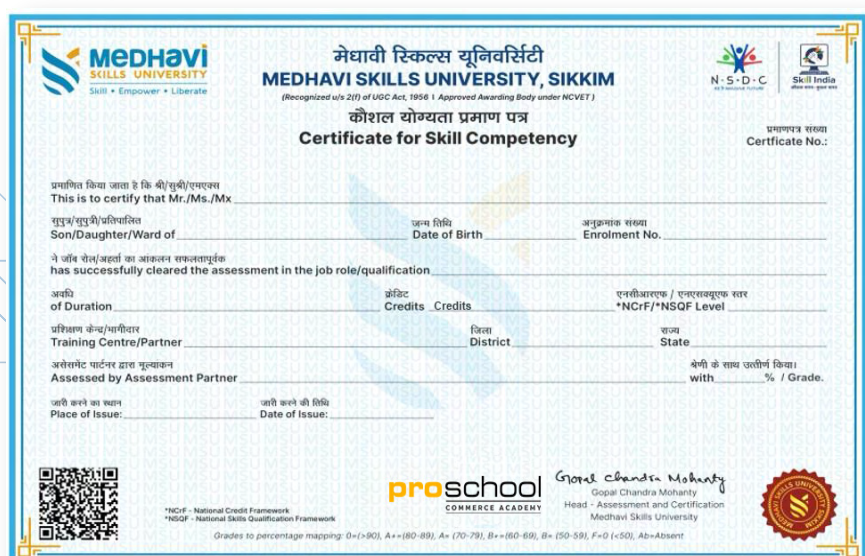
- › **SQL Basics**  
Installation, ingestion, basic commands and queries, data cleaning
- › **Data handling in SQL**  
DQL, operators, group operators, EDA
- › **SQL advanced**  
Filtering, joins, subqueries, functions, role of GPT
- › **Case work**  
Summative Assignment + Group Presentations

- › **Python 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

	FM	FM.AI
Modules	3 Modules	5 Modules
Content	Financial Maths, Revenue & Cost Forecasting, FSA, Valuation	Data Extraction, Visualization & Report Writing
Skills	Financial decisions, Project, Equity, LBO Modelling	Modelling with AI tools & large data; Automation
Tools	Advanced Excel	GenAI, PowerBI, SQL, Python
Months	4 months	6 months
Certifications	3	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



**Shivam Shukla**

CFA



**Sameer Gunjal**

CFA | GARP,USA| MBA (NITIE)



**CA. Vishal Goel**

CA, CS, CFA, ACCA Trainer



# 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

### West

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+91 9867958900

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+91 8655701948

Mumbai, Churchgate  
+91 9136971798

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Navi Mumbai  
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Pune  
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Ahmedabad  
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