



Building Capabilities in
Finance | Analytics | Decision making

FMPRO - Green Belt



+91 99879 83270

info@profectus.in

profectusacademy.com

Finance,
valuation
theories

Advanced
MS Excel

Financial
statement
analysis

Business
Storytelling

Financial
Mathemat-
ics

Business
models

Program highlights

- ⇒ Specifically designed for experienced financial modellers
- ⇒ Large number of mini case studies to understand nitty gritty of various industries
- ⇒ Learn complex problem solving with two integrated case studies

Course Overview

As an analyst progress to more senior roles, they encounter various financial modelling problems that often cannot be solved using standard approaches.

In this program, you will learn to become a problem solver and handle such complex problems with a combination of analytical thinking, mathematics and advanced MS Excel.

Who should attend this program?

- Finance professionals and decision makers with prior experience in financial modelling
- CAs / CFAs / MBAs / CMA or equivalents who are comfortable in building standard three statement and valuation modelling.

If you want to check whether you meet the pre-requisites, try this [self assessment test](#)

What is covered in the training program?



Problem solving techniques

Complex issues in three statement modelling



Finer aspects of asset valuation

Project finance modelling



LBO modelling with complex structures

Advanced MS Excel for financial modelling



Course synopsis and pedagogy

This course is designed specifically keeping in mind experienced financial modellers who are either already in a managerial role or aspire to be take up such responsibility in future.

At this level, we **do not** teach standard three statement modelling or DCF modelling.

Instead our focus is on a wide variety of problems that require a far more advanced approach.

Participants will learn these techniques using large number of mini case studies with lots of variations.

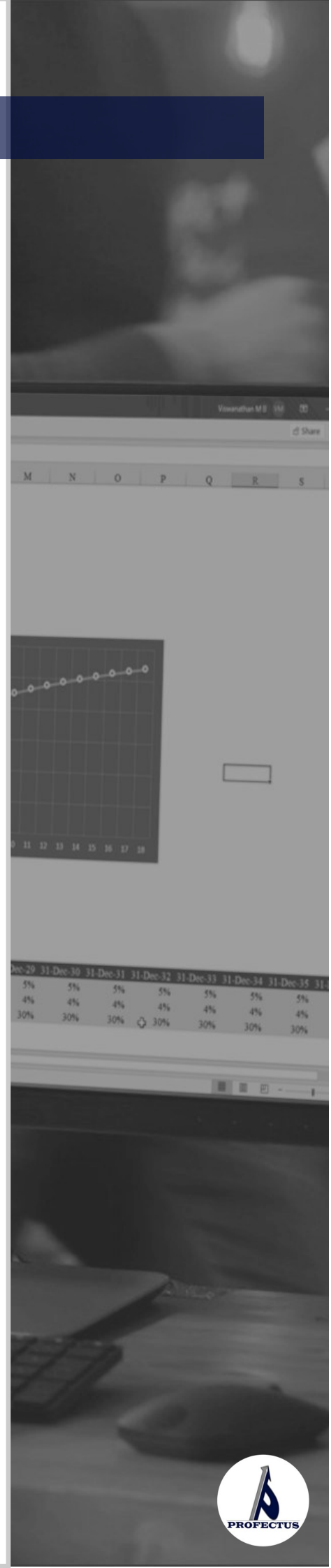
In addition, participants will also work on two full fledged case studies related to LBO modelling and Project finance.

Keeping the end audience in mind, this course not just focuses on building the financial models but it also has activities requiring participants to audit existing financial models and identify the mistakes or limitations.

Course duration: 12 sessions of 3 hrs

Supplementary materials:

- (a) Self paced videos to cover basic theories
- (b) Sample models for reference
- (c) Reading materials



1. Problem solving method

In this module you would learn our proprietary "**Reverse Flow Charting**" technique to identify a financial modelling problem and identify the algorithm to solve the same.

This module is designed to make you a problem solver who can handle wide variety of financial modelling problems and guide your team accordingly

2. Advanced revenue modelling

In this module, you will learn how to build revenue models for various industries including **infrastructure, real estate, oil & gas, and order book driven businesses**

You will also learn to handle complex **fx impact** for companies with sales in multiple currencies.

3. Advanced cost modelling with public reports

In this module, you will learn how to model cost of sales with in-complete break down of cost components. You will also learn how to handle cost that exhibit a **combination of fixed and variable nature**

4. Fine tuning straight line depreciation model

In this module you will learn how to build a scalable depreciation model under straight line method while avoiding the trap of over depreciation of disposed assets

5. Scalable debt models

In this model, you will learn how to build a scalable debt schedule for companies with **large number of debts with variety of terms and conditions**. You will also learn to add functionality that increases transparency of the debt models

You will learn to model loans with different types of maturity including **bullet, annuity, and interest + principal** payment structures

6. Advanced working capital modelling

In this module, you will learn to go beyond work with simple average days based or percentage based modelling of working capital. You will learn how to model working capital using direct and indirect method. You will also learn to handle situations where a business has multiple segments of customers / suppliers with varying collection or payment period

7. Advanced cash sweep statement

In this module you will learn to build advanced cash sweep model involving discretionary spends, term loans, short term loans, and dividend distribution.

You will also learn the **algebraic** approach to avoid **circular reference** and build closed form solutions for computing interest expenses and short term borrowings

8. Integrating M&A into existing models

In this model you will learn how to seamlessly integrate an announced acquisition into an existing financial model and reflect its impact on all three statements.

You will also learn to model the **inorganic growth** from the acquisition, **purchase price allocation**, impact in interest, **EPS accretion / dilution** and compare organic vs inorganic growth

9. Advanced diluted EPS modelling

In this module , you will learn how to compute **the dilution impact of various instruments** and also compute the impact of forecasted ESOPs and debt. Besides, you will also learn to **seamlessly integrate corporate actions** in computing restarting historical EPS.

10. Intricacies in DCF valuation

In this module, you will learn to handle intricacies in DCF valuation including computing **Beta**, testing its confidence interval and building **multi-step DCF valuation** with change in cost of capital

11. LBO Modelling

This is a full fledged practical case study, in which, besides learning how a typical LBO model is built, you will also learn the following:

- (a) Evaluate cost of complex instruments such as foreign currency debt and convertibles
- (b) Compute gross outflow including transaction cost without circular reference
- (c) Build switches to choose between different transaction structures
- (d) Optimizing capital structures using Solver
- (e) Build scenario analysis to evaluate outcome

12. Project finance modelling

In this model, you will learn to build a dynamic project finance model and compute project IRR and equity IRR. You will specifically learn the following:

- (a) Integrate construction schedule with project capex
- (b) Model operating revenue and expense from complex contracts
- (c) Model funding and **cash flow waterfalls**
- (d) Model **debt sculpting** to meet covenants
- (e) Compute key credit metrics including **CFADS, Debt/Equity ratio**
- (f) Model escrow / trust accounts such as **DSRA**
- (g) Perform complex scenario analysis

13. Advanced MS Excel

This is not a separate module but it is integrated with other modules. You will learn how to **optimize input architecture**, and **make scalable models**, and run **advanced scenario analysis**

Learning mode



Attend live instructor led online training



Watch recorded classroom for recap



Go through written materials for reference



Give practice test for self evaluation

Contact us for more details



+91 99879 83270



Info@profectus.in



<https://profectusacademy.com>



Registered office:
Plot No.22, Thirumalai Nagar Main Road,
Hasthinapuram, Chennai — 600 064

Let the learning begin