NAL Academy

Online Self-Paced Course

FINANCIAL MODELLING & VALUATION

Duration of 80 Hours
access anytime and anywhere

1-Year of Access
Get LMS access for one year

Completion Certificate

Price
Rs 18,000/-
+Taxes

Enroll Now!

Course Content

Module 1: Excel Refresher
1. Freezing, sorting and conditional formatting
2. Creating Hyperlinks through Excel function
3. COUNT related functions
4. Lookup based functions (VLOOKUP, HLOOKUP)
5. Lookup based functions (INDEX and MATCH)
6. SUMPRODUCT function and related cases
7. Text related functions
8. Date related functions
9. Conditional summation (SUMIFS)
10. Combining text from a range of cells (TEXTJOIN)
11. Getting value from a database using DGET function
12. Data summarization using Pivot Table and Slicer
13. AGGREGATE function
14. Financial functions and creating loan amortization

Module 2: Corporate Finance and Investment Banking
1. Corporate finance essentials (Capital budgeting, Time value of money, project evaluation methods)
2. NPV Crossover
3. Evaluation in case of unequal lives
4. Project evaluation cases
5. Investment Banking Overview

Module 3: Financial Modelling Overview
1. What is financial modelling?
2. Developing an initial financial model using Telecom case study
3. Capex schedule
4. Drafting P&L
5. Valuation - Applying DCF

Module 4: Building Integrated Financial Model
1. Working on Historical Statements
2. Modeling Assumptions for Future Action
3. Revenue Build-up – projecting the future revenues
4. Cost Build-up – projecting the future cost
5. Asset and Depreciation Schedules
6. Debt and Equity Schedules
7. Modeling the Financial Statements (P&L, BS and CFS)
8. Interest income and breaking circularity
9. Valuation related workings
10. Cost of equity (CAPM) and post-tax cost of debt
11. Computing WACC
12. Absolute valuation: Performing valuation using DCF (FCFF and Enterprise Value)
13. Relative valuation: Comparable analysis
14. Performing sensitivity analysis

Module 5: M&A Analysis
1. M&A evaluation case study
2. Searching and researching relevant reports
3. Collecting and projecting numbers
4. Merger analysis – key drivers and inputs
5. Projecting both companies' numbers
6. Synergy benefits
7. Stock payment and stake dilution
8. Modeling a financing plan
9. Pre-merger profitability and EPS
10. Accretion/dilution analysis

Module 6: Data Visualization
1. Data visualization using charts
2. Presenting historical & projected data together
3. Creating profit & loss Bridge
4. Depicting variance analysis
5. Dynamic chart for dashboards using form control option buttons and combo box
6. Flexible chart using Scroll bar form control and Excel's OFFSET function

Module 7: Project Finance Model
1. Project finance case study
2. Setting up required inputs and assumptions related to the project
3. Incorporating contingency element as part of project cost
4. Modelling Operating revenue
5. Operating Cost drivers and computation
6. Fixed asset schedule
7. Project Financing - creating a debt schedule
8. Modelling Equity related schedules - Paid up capital and reserves & surplus
9. Preparing financial statements - PL, BS and CF
10. Project evaluation (Project IRR)
11. Sensitivity analysis - evaluating the impact of changes in key project variables on project profitability

ADVANCED E-LEARNING COURSES

CO-CERTIFIED BY & NAL ACADEMY

Get ready with specialized skills sets in advance analytics and technologies.

Courses designed by professionals

In-course exercises files to help apply knowledge in real-world situations.

Joint certificate will be awarded by & NAL Academy upon completion.

About NAL Academy

NAL Academy Limited is a wholly owned subsidiary of the National Stock Exchange of India Limited (NSE). NAL Academy Limited enables the next generation of BFSI and FinTech professionals with industry aligned skills – through capacity building programs and certification courses, powered by an online examination and certification system. The courses are well researched and carefully crafted with input from the industry professionals

NAL Academy Limited works closely with reputed universities and institutions across India in building a competent workforce for the future of BFSI and FinTech.

NAL Academy Limited also promotes financial literacy as an essential life skill among youngsters – a contribution towards financial inclusion and wellbeing.

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Price: ₹ Rs 18,000/-
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