Financial Modeling School

Course Curriculum & Details
What is in this?

- About Pristine & Financial Modeling
- Topics Covered
- Methodology of Teaching
- What to expect at end?
- Who is going to Teach?
- Cost & Duration of the Program
- Contact Details
Financial Modeling School Batch I...,

In Financial modeling school Batch I

105 students learnt the art of financial Modeling

By creating two large and many small financial models

Step by Step
What people had to say

“Overall it is excellent. The length is excellent. It fits within the attention span of most people and therefore the lesson is assimilated. Thank you for the opportunity to view the lesson!”

“The course is an excellent idea and is a good way to make financial modeling training more accessible to people around the world.”

“This is Best Financial Modeling for small scale to Large Scale Industries irrespective of Product, services, Builders, Dealers, Franchises.”

“Having the lessons available to download so can look at again easily is great!”

“They have not restricted themselves to just constructing the Financial Model(FM) rather very receptive and flexible in their approach and willing to get feedback and share ideas.”
Pristine is largest authorized trainer for finance certifications in India

CFA Institute (2010-11)
Authorized Training provider – CFA
Pristine is now the authorized training provider for CFA Exam trainings. Pristine is largest training provider for CFA in India with presence across seven major cities.

GARP (2007-10)
Authorized Training provider -FRM
Largest player in India in the area of risk management training. Trained 1000+ students in risk management

FPSB India (2010-11)
Authorized Training provider -CFP
An authorized Education Provider for Chartered Financial Planner Charter.

PRMIA (2009-10)
Authorized Training provider – PRM/ APRM
Sole authorized training for PRM Training in India. Largest player in India in the area of risk management training. Trained 1000+ students in risk management
## Sample Trainings Conducted ...

<table>
<thead>
<tr>
<th>Company</th>
<th>Year</th>
<th>Course Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bank of America</strong></td>
<td>2010</td>
<td><strong>Continuum Solutions</strong>&lt;br&gt;Financial Modeling in Excel&lt;br&gt;Associates were trained on valuation and mergers and acquisitions</td>
</tr>
<tr>
<td><strong>JPMorgan</strong></td>
<td>2010</td>
<td><strong>J. P. Morgan</strong>&lt;br&gt;Financial Modeling in Excel&lt;br&gt;The Real Assets Group were trained in Excel for infrastructure and real-estate modeling</td>
</tr>
<tr>
<td><strong>Mizuho</strong></td>
<td>2010</td>
<td><strong>Financial Modeling in Excel</strong>&lt;br&gt;Bankers were using excel models that they could not understand. Conducted financial modeling in Excel trainings to bridge the gap</td>
</tr>
<tr>
<td><strong>IIM Calcutta</strong></td>
<td>2010</td>
<td><strong>Financial Modeling in Excel</strong>&lt;br&gt;Students about to go for internships and join jobs found a gap in their grasp of knowledge of excel for financial modeling. Conducted training for 75+ students with an average rating of 4.5+</td>
</tr>
<tr>
<td><strong>FMS Delhi</strong></td>
<td>2010</td>
<td><strong>Financial Modeling in Excel</strong>&lt;br&gt;Final Year MBA students of Faculty of Management Studies, Delhi University were trained in financial modeling so as to prepare them better for a job in finance.</td>
</tr>
<tr>
<td><strong>HSBC</strong></td>
<td>2009</td>
<td><strong>Analysts of the global investment baking team were trained on advanced Excel</strong></td>
</tr>
</tbody>
</table>

*Indicative List*
Financial modeling training is an online training program* that can enable you to create a complete integrated financial model in excel.
About Financial Modeling

Financial modeling training is
an online training program*
that can enable you
to create a complete integrated
financial model in excel

• Delivered online
• Each student gets a secure log-in
• No-need to be online at a specific time
• Lessons can be taken repeatedly
Financial modeling training is an online training program* that can enable you to create a complete integrated financial model in Excel.

- Building the model from scratch
- Step by step tutorials and templates
- Practical understanding of financial statements
About Financial Modeling

Financial modeling training is an online training program* that can enable you to create a complete integrated financial model in Excel.

- Where you comprehensively analyze financial statements
- Changing any assumption or part of the model reflects in all other parts
- **Best suited for people working/planning career in**
  - Investment Banks
  - Equity Research
  - Business planning/Strategy
  - PE, Funds
  - Commercial banks
Topics Covered
Integrated valuation would be completed by ...

1. Designing an efficient layout
2. Inputting the historical statements
3. Analyzing the growth drivers
4. Forming growth assumptions
5. Projecting future P&L and B/S
6. Creating Asset & Dep. Schedule
7. Creating Debt schedule
8. Equity & Retained Earnings
9. Creating Cash Flow statement
10. Circular loop and Cash updation
11. Analyzing Ratios
12. Valuation by DCF
13. Valuation by Comps
14. Charting a football field

You would be able to create a complete Integrated Valuation model (For emerging Markets) in FMCG/Manufacturing sector in 20 Hrs duration.
Study Session: Week I

1. Pre-requisites to Financial Modeling

2. Understanding Financial Statements (FSS)
   a) Profit & Loss (P&L) Statement
   b) Balance Sheet (B/S)
   c) Cash Flow Statement

3. Financial Statement Analysis

4. Line items and linkages in the FSS

You would learn all the Basic Financial Statements and its analysis techniques
Study Session: Week II

1. Essential Excel Usage (Referencing framework & shortcuts)
2. Short Modeling Case
   a) Funding eligibility for startup company
   b) Equated Monthly Installments (EMI)
3. Analyzing financial case study & back of the envelop calculations
4. Integrated Model (Step I) - historical financial statements

You would learn essentials of Excel for Financial Modeling
Study Session: Week III

1. Calculating Growth drivers
   a) P&L (YoY and CAGR)
   b) B/S (Days of inventory, A/R, etc.)
2. Understand Management Discussion Analysis (MDA)
3. Build Assumptions about the future
4. Project revenues/ costs

You would learn steps in analyzing growth drivers and projecting future numbers

Week 3:

This week’s Lessons are all related to Integrated Valuation Model:

- Revenue Drivers
- Cost Drivers
- Balance Sheet Drivers
- Building P&L Assumptions
- Building B/S Assumptions
- Building Assumption Numbers
- Revenue Buildup
- Raw Material Cost Buildup
- Other Costs Buildup
- Recording of Live Session Conducted on 9th Nov.
Study Session: Week IV

1. Part projecting P&L and B/S
2. Projecting Asset and Depreciation
3. Projecting Debt and Interest
4. Projecting PAT and Retained Earnings
5. Modeling Cash Flow
6. Case on Break Even Analysis

Week 4:

This week’s Lessons are all related to Integrated Valuation Model:

- Projecting P&L
- Projecting Balance Sheet
- Creating Asset Schedule
- Creating Financing Schedule
- Modeling the Cash Flow Statement

Additional Material (Based on the request in Live Session)

- Glossary of Financial Terms
- Break Even Analysis

You would learn steps in creating schedules that cut across P&L and B/S
Study Session: Week V

1. Advanced aspects of excel
   1. Circular references
   2. Macros

2. Understanding Circular reference

3. Circular references in interest expense

4. Macros to generate charts

5. Macros to break circular loops

**Week 5:**

This week’s Lessons are related to understanding Circular References in Excel and Updating the Integrated Valuation Model:

- [Understanding Circular References in Excel](#)
- [A Short Case on Using Circular References to Update Interest Expense](#)
- [Updating Interest Expense using Circular References in the Integrated Valuation Model](#)

Additional Material (Based on the request in Live Session)

- [Understanding Macros](#)
- [Creating Custom Charts Using Macros](#)
- [Breaking Circular References Using Macros – Application in Finance](#)

Learn application of advanced excel functions – Macros and Circular references in Finance
Study Session: Week VI

1. Analyzing the statements
2. Using ratios
   a) Profitability
   b) Liquidity
   c) Others
3. Basics of corporate finance
4. credit risk Model - Arrays and lookup functions

**Week 6:**
This week’s Lessons are related to starti
We also start understanding the very bas material on credit risk model (Unrelated functions and lookup functions in excel:
  - Understanding the steps in integrated financial model – Moving from creating financial them
  - Integrate Financial Model – Financial Statement Analysis using Profitability Ratios
  - Integrate Financial Model – Financial Statement Analysis using Liquidity Ratios
  - Integrate Financial Model – Financial Statement Analysis using Other Ratios
  - Basics of Corporate Finance – Time Value of Money
  - Basics of Corporate Finance – NPV and IRR

Additional Material (Based on the request in Live Session)
  - Credit Risk Model – I (Understanding Array functions in Excel)
  - Credit Risk Model – II (Understanding Lookup functions in Excel)

Learn Financial Statement Analysis in Excel and Array functions for Credit Risk Modeling

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Study Session: Week VII

1. Understanding Valuation methodology
   a) Absolute valuation - DCF
   b) Comps (comparatives)

2. Implementing DCF
   a) Cash
   b) Timing of cash
   c) Expectation of investors (Cost of capital)

Learn and Understand and Implementation of Valuation Techniques

Week 7:

This week’s Lessons are related to starting with the different parts of valuation by DCF and implement the valuation.

- Understanding the methodologies of Valuation
- Free Cash Flows (to the Firm and Equity) – FCFF, FCFE
- Calculating FCFF and FCFE
- Understanding Cost of Equity – CAPM
- Understanding Cost of Capital – WACC
- Understanding terminal value
- Integrated Valuation Model – Implementing Valuation by DCF
1. Practice and Implement a Completely Integrated Valuation Model

**Week 8:**

This week’s Lessons we would be utilizing all our knowledge gained model for the largest IPO in India – Coal Indial Ltd. (CIL)

- [Creating an Integrated valuation model for Coal India Ltd.](#)

*Practice on Actual Industry Model*
Study Session: Week IX

1. Valuation by Comps
   (Comparatives)
   a) Transaction comps & Trading comps
   b) Important multiples like P/E, EV/EBITDA, EV/Sales

2. Modeling advanced Accounting Concept - Deferred Taxes

3. Creating forms in Excel

Learn and Understand and Implementation of Valuation Techniques

Week 9:

This week’s Lessons are related to valuation of the company performing scenario analysis on equity value. We also demystify accounting – Deferred Taxes. Also this week, we release the following lessons:

- Understanding Trading Comps
- Understanding Transaction Comps
- Important Points to Note while using Valuation through Comps
- Integrated Valuation Model – Using Comps for Valuation
- Using Excel Data Tables for Scenarios
- Integrated Valuation Model – Using Data Tables for Scenarios
- Understanding Deferred Taxes
- Implementing Depreciation using SLM
- Implementing Depreciation using DDM
- Implementing Deferred Taxes
- Using User forms to create GUI in Excel
- Making Stunning Charts with Excel
Study Session: Week X

1. Charting Theme
   a) Football field
   b) Waterfall Mechanism

2. Creating Valuation Dashboard

3. Monte Carlo Simulation

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**Week 10:**

This week’s Lessons are related to Charting and Creating Dashboards. It is the concluding week for the Financial Modeling School.

- Recording of Second Webinar for Financial Modeling School
- Integrated Valuation Model – Charting the football field
- Advanced Accounting Concept – Revenue Recognition
- Charting Technique – Waterfall Model for Percentage Revenue Recognized
- Arranging Scroll Bars in Valuation Model
- Understanding Dupont Analysis
- Understanding Dashboarding Tool – Sparklines for Incell Charts
- Integrated Valuation Model – Dupont Analysis & Dashboard
- Integrated Valuation Model – Monte Carlo Simulation
- Summarizing the Financial Modeling School

**Learn Charting Techniques relevant to finance in Excel**
Introducing
Project Finance Financial Modeling
# Project Finance Financial Modeling

## Nuances of PF Model

1. FSS Nuances for Project finance
2. Components of RE Financial Model
3. RE Investments: Key Metrics
4. Key Concepts in RE Model
   1. Understanding circular loops in Excel
   2. Interest During Construction
   3. Modeling Depreciation and Deferred Taxes
   4. Deferred Tax and Loss Carried Forward
   5. Cash Distribution and Tranches
   6. Modeling Delays
   7. Debt Servicing Reserve Account (DSRA)

## PF Model for RE

1. Modeling Commercial Complex
2. Modeling Assumptions
3. Modeling Area parameters
4. Modeling EPC Cost and Phasing
5. Modeling financing Schedules
6. Modeling NOI and Expenditure
7. Building financial statements
8. Valuation and Analysis

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**You would be able to create a complete Integrated Valuation model (For emerging Markets) in Real Estate sector in 20 Hrs duration**

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How it works?

You signup for the program by making online payment

$247

One time payment

Add to Cart
How it works?

Login to Financial Modeling School with the user ID & Password emailed to you
How it works?

Access Lessons, Videos and Download Examples As you Like

Week 3:

This week’s Lessons are all related to

- Revenue Drivers
- Cost Drivers
- Balance Sheet Drivers
- Building P&L Assumptions
- Building B/S Assumptions
- Building Assumption Numbers
- Revenue Buildup
- Raw Material Cost Buildup
- Other Costs Buildup
- Recording of Live Session Conducted
How it works?

Ask Questions or Comment on Lessons to Get Answers
How it works?

Take up Home work & Class project assignments to Sharpen your Skills
Methodology

Each topic will be explained thru

Videos, Excel templates, Screencasts & Text Posts
About Class Projects

We have 2 short cases & 1 valuation project

We build 2 small models and 1 complete integrated valuation model as a project. The complete integrated valuation model can be created on any listed company.
What to expect at the end?

Towards the end of Financial Modeling Course*

You will be able to created an integrated model

You will know how to use financial statements for analysis

You will understand the process of valuation and capital raising

You will get a certificate of participation

*assuming you follow the program and practice
Who is going to teach?

**Paramdeep Singh**, Director and Faculty, Pristine

- Paramdeep has **an extensive experience in the financial services, consulting and training domain.** He has extensive knowledge of the financial services industry, where he raised growth capital for organizations and helped them improve their revenues. He has authored research papers and trained 1000s of senior people in the area of financial modeling, quantitative analysis and risk management.

- Prior to founding Pristine, Paramdeep has worked in senior management positions as an Investment Banker with **Standard Chartered Capital Markets (India)** and as a consultant with **Accenture Management Consulting.**

- Paramdeep is an **MBA** from **IIM Indore**, where he secured the highest CGPA in his batch. He has completed his **B. Tech and M. Tech** in Mathematics and Computing from **IIT Delhi**
Duration of the Program – Financial Modeling

10 Weeks of Active Learning

6 Months Online Membership

Financial Modeling School classes start on February 23rd
Duration of the Program – Project Finance

10 Weeks of Active Learning

6 Months Online Membership

Financial Modeling School classes start on February 23rd
## Cost of the Program

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<td>FINANCIAL MODELING</td>
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<td>$247</td>
<td>PROJECT FINANCE</td>
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<tr>
<td>Online Classes + Lesson Download</td>
<td>$397</td>
<td>BOTH</td>
</tr>
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Payments & Registration

opens on 23\textsuperscript{rd} of February, 2011

and closes on 8\textsuperscript{th} of March, 2011
How to pay?

Visit http://chandoo.org/wp/financial-modeling-school/

On March 8th, 2011 and follow instructions
Questions & Doubts?

Please e-mail me at paramdeep@edupristine.com

or visit http://chandoo.org/wp/

http://www.edupristine.com

or call +91 814 262 1090 or +91 989 298 0608
See you in Financial Modeling/Project Finance School...