



**INTERNATIONAL MANAGEMENT INSTITUTE, BHUBANESWAR**  
**POST GRADUATE DIPLOMA IN MANAGEMENT - PART TIME**  
**FINANCIAL MODELING AND VALUATION TECHNIQUE**  
**CREDIT: TWO**  
**SESSION DURATION: 90/120 Minutes**

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**TERM: VII**  
**YEAR: 2020**  
**BATCH: PGDM 2018**

**Course Introduction:**

The course aims to develop the capability of financial modelling using excel and using it to find solutions to finance problems and for decision making. Modelling techniques for accurate financial forecasting are used in many areas of finance, such as derivatives, valuation, project evaluation, deal structuring, portfolio management and the like. In the course, the participants will learn the model building skills required to build powerful models in finance with the help of excel.

**Learning Outcomes:**

- LO1. To develop the understanding of financial modelling using excel and using it to find solutions to various finance decisions.
- LO2. To develop a working business model for valuation.
- LO3. Using VBA for Model Building.

**Course Pedagogy:** The course will be delivered through a combination of lectures, PPTs, working on Excel majorly and classroom case discussions. Students are expected to come prepared for the class by reading the prescribed materials. A few relevant cases shall be discussed in the class to strengthen the learning. Power point slides of class lectures and all other relevant material will be made available to students.

**Course Readings:**

1. Financial Analysis and Modeling using Excel and VBA, Chandan Sengupta, Wiley Publication.
2. Investment Valuation: Tools and Techniques for determining the Value of Any Asset- Aswath Damodaran
3. Business Analysis and Valuation Using Financial Statements: Text and Cases, Paul M. Healy and Krishna G. Palepu

**Course Evaluation criteria (%)**

<b>Component</b>	<b>Weightage</b>	<b>Learning outcome mapped</b>
Quizzes	20%	LO1-LO3, LO5-LO7
Assignment	20%	LO3, LO4, LO8
Group Project	20%	LO
End-term Exam	40%	LO2-LO10

## Plagiarism

We are committed to upholding the highest standards of academic integrity and honesty. Plagiarism is the use of or presentation of ideas, works that are not one's own and which are not common knowledge, without granting credit to the originator. You may refer the already available content just for your reference and to get the basic ideas. Only 20% of such content is acceptable, above that comes under the definition of Plagiarism which is unacceptable in IMI and will be treated seriously. All such cases will be referred to the appropriate body of the Institute for suitable disciplinary action.

## Session Plan:

Session	Topics	Learning Outcome	Reading / Case
1	Application of Finance Functions in Excel	LO1	Shyamlal Associates
2	Investment Decision: Determining Cash Flows	LO1	Smiling Firm: Investment Under Uncertainty
3	Investment Decision Model: Incremental Cash flows and WACC	LO1	Neogi Chemical Company
4	Financing Decision	LO1	Central Equipment Company Ltd
5	Business Valuation Models: DCF Tech	LO2	MLF Reality
6	Business Valuation Models: Extension Project	LO2	Cinema Library Pvt Ltd
7	Business Valuation: Unlisted Company	LO2	MARS Shoe Last Company.
8	Business Valuation: Unlisted Company	LO2	MARS Shoe Last Company.
9	Introduction to VBA	LO3	VBA Interface
10	VBA Coding	LO3	Writing codes in VBA
11	Developing a VBA Model	LO3	Retirement Planning
12	Developing a VBA Model	LO3	Retirement Planning
13	Course Review	All LOs	Revision