Dr. V. N. Bedekar Institute of Management, Thane
Teaching Plan (MMS/PGDM)
Academic Year (2016-2017)

Programme Name: PGDM   Term: VI

Name of the Course: Financial Modelling
Maximum marks: 100
 No. of Sessions: 10

Name of the Faculty: Dipti Periwal

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Learning Objectives:

(a)   **Design and construct useful and robust financial modeling applications**
(b)   **Learn financial forecasting**
(c)   **Use several of the support tools and techniques in spreadsheet programs**
(d)   **Utilise sensitivity and scenario analysis**

Reference Books:

Title: **Financial Modelling and Valuation: A Practical Guide to Investment Banking and Private Equity**
Author: **Paul Pignataro**
Publisher: **John Wiley and Sons**.
Year: **2015**

Title: **Mastering Financial Modelling in Microsoft Excel**
Author: **Alastair Day**
Publisher: **John Wiley and Sons**.
Year: **2015**

Plan:

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Session No	Topics to be covered	References-Print/Online	Learning outcomes
1	Basic Excel Formulas, functions, QAT and Short Cut Keys	To be learnt in classroom on Microsoft excel	Excel Savvy
2	Basic Excel Formulas, functions, QAT and Short Cut Keys	To be learnt in classroom on Microsoft excel	Excel Savvy
3	Advance Excel Training	Advance excel function like Solver, Regression Function and Goal Seek	To understand concepts and applications of the covered topics
4	Building Financial Model Infrastructure	To be learnt in classroom on Microsoft excel	Converting Financial Statements into Excel File
5	Building Financial Model Infrastructure	To be learnt in classroom on Microsoft excel	Industry Research reports Macro Economic Report
6	**Forecasting**	To be learnt in classroom on Microsoft	identification Revenue Drivers, Cost Drivers to

		excel	forecast data.
7	**Forecasting**	To be learnt in classroom on Microsoft excel	. Debt Schedule, Working Capital Schedule, Capex Schedule and Integrate all the Schedules and Statements with each other.
8	**Valuation and Report Writing**	To be learnt in classroom on Microsoft excel	1. Valuation of stock under consideration using DCF, Comparable and Asset-Based Approaches.
9	**Valuation and Report Writing**	To be learnt in classroom on Microsoft excel	Research Report Writing
10	Internal Evaluation	Test	Evaluation of concepts

2. Practical Approach   : Other activities (Atleast 4 distinct activities)

Sr. No.	Activity Name	Topic Coverd	Learning outcomes	Source

1	Application of Financial Modelling (Latest Year)	**Financial Model of Starbucks**	Practical analysis and understanding and forecasting	Published data
2	Application of Financial Modelling (Latest Year)	**Financial Model of Asian paints**	Practical analysis and understanding and forecasting	Published data
3.	Application of Financial Modelling (Latest Year)	**Financial Model of HUL**	Practical analysis and understanding and forecasting	Published data

Evaluation:

I) Internal:

Component	Details	Marks
Class Test	Best of Three Internal class test during the conduct of course	10
Presentation	On presentation on given theme	10
Case Study	Case studies discussed periodically; links shared	05
Participation	Attendance and active involvement in class discussions, field visit	10
Others	Class Activity and short projects	05

II) External:
(*Sample questions*)

has invested in the bonds of five companies, the details of which are given below. Devaki's required rate of return is 9.50 per cent.

	Metis	Adrastea	Amalthea	Callisto	Thebe
Face Value	12300	13200	23330	18500	10500
Coupon (per cent per annum)	8.00	9.00	9.10	8.20	8.50
Years remaining to maturity	17	19	11	7	23
Market Price per Bond	8200	10300	14000	7400	8300

Required Determine which of the above bonds are over-priced. ....(5)

Dipti Periwal

Signature of Faculty   **Signature of the Co-ordinator**