



**Dr. V. N. Bedekar Institute of Management,
Thane Teaching Plan (MMS/PGDM)
Academic Year (2018-2019)**

Programme Name: MMS

Semester: III

Name of the Course: Financial Modelling

Maximum marks:100

No. of Sessions: 13

Name of the Faculty: Abhishek Jain

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Weblink:

Learning Objectives:

1. Develop proficiency in excel
 2. Be able to build financial models for Valuations and scenarioanalysis
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Reference Books:

1. Financial Modelling using Excel & VBA – CSengupta
 2. Mastering Financial Modelling in Microsoft Excel – Alistair LDay
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Plan:

Session No	Topics to be covered	Books referred/ Recommended/ References-Print/Articles/ News/Research papers/ Online database/ Software /Simulations used	Learning outcomes	Evaluation of Students understanding by MCQs, Quiz, Short Test
1	Introduction To financial Modelling	Classroom and computer lab sessions	Learn broad approaches & processes to Financial Modelling.	Assignment
2	Analysing Business Models. Understanding Drivers of Revenue as well as other line items in Financial Statements	Classroom and computer lab sessions	Ability to understand factors which differentiate a good business from a mediocre or a lousy one. Impact of business models on financials, capital structure and thereby valuations	Assignment



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3	Basics of various return ratios, Financial Statements and Financial Models – 1	Classroom and computer lab sessions	Basics of a Financial Model	Assignment
4	Basics of various return ratios, Financial Statements and Financial Models – 2	Classroom and computer lab sessions	Basics of a Financial Model	
4	Free Cash Flow Valuation	Classroom and computer lab sessions	Learn about Free cash flow valuation	Assignment



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			model and, it's applicability.	
5	Market based valuations: Price and Enterprise value multiples; Calculate and interpret alternative price multiples; Normalisation of EPS; PEG Ratio; Calculation and interpretation of justified PE, PB and PS Ratio for a stock based on forecasted fundamentals; EV Multiples and use of EV/EBITDA	Classroom and computer lab sessions	Learn relative valuation techniques and its applicability in Financial Modelling	Assignment
6	Financial Feasibility Model – From start to Finish	Classroom and computer lab sessions	To understand the practical applications of basic Financial Functions	Assignment
7	Equity Research Modelling -1	Classroom and computer lab sessions	To learn to build Financial Models for equity research and valuations.	Assignment



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8	Equity Research Modelling - 2	Classroom and computer lab sessions	To learn to build Financial Models for equity research and valuations.	Assignment
9	Equity Research Modelling - 3	Classroom and computer lab sessions	To learn to build Financial Models for equity research and valuations.	Assignment
10	Equity Research Modelling - 4	Classroom and computer lab sessions	To learn to build Financial Models for equity research and valuations.	Assignment



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11	Equity Research Modelling - 5	Classroom and computer lab sessions	To learn to build Financial Models for equity research and valuations.	Assignment
12	Report Writing	Classroom and computer lab sessions	To learn Report Writing skills	Assignment
13	Tools like Inversion, System Thinking and their utility in valuation. Lessons from Behavioural Finance and Financial History	Classroom and computer lab sessions	To be able to build better Financial Models	Assignment



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2. Practical Approach : Other activities (At least 4 distinct activities)

Sr. No.	ActivityName	Topic Covered	Learning outcomes	Source
1	Role Play			
2	Industry Visit			
3	Academic Projects	Students in groups will be allocated companies to perform assignments and valuation of the same.	Ability to apply classroom learning to real companies	
4	Book Review	Students need to do book reviews.	Develop a habit of reading.	
5	Group Discussion			
6	Business Quiz / Business News sharing	Classroom discussion on news about economy, industry and companies	Develop a habit of reading and to relate classroom learning to real events.	
7	Videos / Simulation	Videos from talks given by prominent investors.	Learn from the best in the field.	
8	Use of Softwares and Labs	Use of Screener.in to build various screens.	Learn about screens and its utility in the field of equity research.	
9	Any other activity			



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Evaluation:

I)Internal:

Component	Details	Marks
Class Test	Semester end Examination	60 marks
Presentation	Assignment and their presentation and evaluation.	30 marks
Case Study		
Participation	Class participation	10 marks
Others		

Signature of Faculty

Signature of the Co-ordinator