

Semester: 4	Course No.: 406	Course Code: SEC210-2C Course Title:- Financial Modelling
Credits: 2	Course Category: SKILL ENHANCEMENT COURSE	

Course Outcomes:

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO1	Remember	Recall key components of Excel and financial model structure, formulas, and functions.
CO2	Understanding	Understand how to link financial statements and build models to reflect business logic.
CO3	Applying	Apply Excel tools to create dynamic financial models including forecasting, valuation, and sensitivity analysis.
CO4	Analyzing	Analyze model outputs to assess profitability, efficiency, and valuation scenarios.
CO5	Evaluating	Evaluate the reliability and assumptions of a model and make strategic recommendations.

Course Syllabus

Unit No.	Unit Contents	Sessions Allotted
1	Understand the Business <ul style="list-style-type: none"> • Understand the Business • Choosing the right model template for Manufacturing Business • Financial Modeling Process 	
2	Historical Financial Model <ul style="list-style-type: none"> • Getting the right Formatting, Scale and Data Sources • Historical P&L statement • Historical Balance Sheet • Historical Cash Flow Statement • Working Notes for Analysis 	
3	Forecasting <ul style="list-style-type: none"> • Forecasting Working Notes and Other Details • Forecasting P&L Statement • Forecasting Balance Sheet • Forecasting Cash Flow Statement • De-bugging the model sheet from error 	
4	Valuation & Analysis <ul style="list-style-type: none"> • Different methods of valuation used in the industry • Manufacturing Industry Business Analysis and Valuation 	

	<ul style="list-style-type: none">• Service Industry Business Analysis and Valuation• Banking Industry Business Analysis and Valuation• Market Comparable based Valuation (Relative Valuation)• Getting the right data sources for analysis• Ratio Analysis for understanding historical trends• Identifying sector trends, headwinds and tailwinds• Rationalizing your assumptions based on your analysis	
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Suggested Text Books:

1. Faculty Notes

Suggested Reference Books:

1. "Investment Valuation: Tools and Techniques for Determining the Value of Any Asset" by Aswath Damodaran
2. "The Handbook of Financial Modeling: A Practical Approach to Creating and Implementing Valuation Models" by Jack Avon