Financial Modelling & Valuation

Course Objectives:

1. Evaluate the principles of financial modeling and valuation methodologies tailored to the BFSI (Banking, Financial Services, and Insurance) sector.
2. Critique advanced Excel techniques and their role in constructing accurate and reliable financial models.
3. Develop financial forecasts and performance analysis strategies to support data-driven decision-making in BFSI operations.
4. Construct risk assessment frameworks using scenario and sensitivity analysis to optimize financial decisions.
5. Design comprehensive models for asset valuation, financial projections, and performance reporting to meet industry standards.

Course Outcomes:

1. Critique the core principles of financial modeling and valuation methodologies to justify their application in BFSI (Banking, Financial Services, and Insurance) operations.
2. Evaluate advanced Excel tools and techniques for constructing accurate and efficient financial models tailored to BFSI industry requirements.
3. Develop financial forecasts and performance analysis models using key performance indicators (KPIs) and scenario-based strategies.
4. Construct risk assessment frameworks incorporating scenario and sensitivity analysis to optimize decision-making and mitigate financial risks.
5. Design comprehensive financial dashboards and reports to visualize performance metrics and support strategic business decisions.

MODULE WISE COURSE CONTENT AND OUTCOME				
SL.NO	**MODULE NAME**	**MODULE CONTENT**	**MODULE LEARNING OUTCOME**	**DURATION (HRS)**
1	Introduction to Financial Modeling	- Basics of financial modeling - BFSI-specific financial structures - Key tools and concepts	Critique the fundamentals of financial modeling and its applications in BFSI.	7
2	Advanced Excel for Financial Modeling	- Mastery of Excel functions - Data visualization techniques - Financial formulae and macros	Evaluate the role of advanced Excel techniques in building financial models.	8

3	Valuation Techniques and Methodologies	- Discounted Cash Flow (DCF) - Comparable Company Analysis (CCA) - Asset-specific valuation methods	Evaluate BFSI-specific valuation methodologies for accurate asset valuation.	10
4	Performance Analysis and Forecasting	- Financial statement analysis - KPI development - Scenario-based forecasting and stress testing	Develop financial performance strategies using real-world BFSI data.	12
5	Risk Assessment and Decision-Making	- Scenario analysis - Sensitivity analysis - Risk mitigation strategies	Construct risk assessment frameworks to optimize BFSI decision-making.	8