Diploma in Financial Modelling and Valuation (DFM)

MODULE	TOPIC	Hours
Module I: Introduction to MS Excel	- Introduction to MS Excel - Introduction to Data Analytics - Finance Functions - A Primer on Excel Shortcuts - Pivot Table - Case Study	10
Module II: Financial Statement Analysis	- Overview of Financial Statements e.g. Income Statement, Balance Sheet and Cash Flow Statement - Ratio Analysis, Common Size Statement Analysis and Du Pont Analysis using MS Excel - Preparation of Financial Analysis Report of a company using real life case studies - Credit Monitoring Arrangement (CMA) data including Fund Flow Analysis - Calculation of Maximum Permissible Banking Finance (MPBF)	10
Module III: Project Finance	- Introduction to Project Finance - Time Value of Money - Concept and Computation of Capital Budgeting Techniques e.g. NPV, IRR and PI - Preparation of Project Evaluation Statement - Capital Budgeting Decisions under Capital Rationing - Sensitivity Analysis and other applied statistical techniques for Project Evaluation - Calculation of IDC (Interest during Construction) through macros - Case Study	20
Module IV: Mergers & Acquisition and Valuation	- Meaning and Types of M & A - Evaluation of Merger - Discounted Cash Flow - Comparable Companies and Transactions - Goodwill-Pooling method - Accretion/Dilution Analysis and Modelling a Financial Plan - Performing Sensitivity Analysis - Case on Valuation	20
Module V: Investment Banking and Equity Valuation & Research	- Security analysis, and stock selection - Portfolio Analysis - Markowitz Efficient Frontier - Forecasting of stock data - Applied Statistical Techniques for Portfolio Optimization - Case Study	20