

# Financial Risk Management

## MODULE 1

### Conspectus

#### Introduction to Risk Management

#### Duration (In hours):-

15 Hours (Theory – 7hrs  
Practical – 8hrs)

### Module – Learning Outcomes

Introduction to the concept of risk management starting with its origin and Process. Candidates begin to build an understanding of risk definitions, classifications and the various tools and strategies used in professional risk management.



## MODULE 2

### Conspectus

#### Quantitative Analysis

#### Duration (In hours):-

15 Hours (Theory -7hrs  
Practical – 8hrs)

### Learning outcomes

Basic concepts of risk management and risk measures. Multivariate models. Copulas and dependence. Financial time series. Volatility models such as ARCH and GARCH processes. Aggregate risk. Extreme value theory. Market, credit, and operational risk models. Regulation and practice



# Financial Risk Management

## MODULE 3

### Conspectus

#### ← Financial Markets

### Duration (In hours):-

15 Hours (Theory – 6hrs  
Practical – 9hrs)

### Module – Learning Outcomes

Understand how companies make financing, payout and risk management decisions that create value

- Measure the effects of leverage on profitability, risk, and valuation
- Manage credit risk and financial distress using appropriate financial tools
- Understand the links between payout policies and company performance
- Use derivatives and liquidity management to offset financial risks

## MODULE 4

### Conspectus

#### ← Operational Risk

### Duration (In hours):-

15 Hours (Theory – 6hrs  
Practical – 9hrs)

### Learning outcomes

Understand the fundamentals of operational risk management from the different roles in risk governance to the application of risk frameworks. Report and investigate operational risk events, produce KRI data and trend analysis, and implement operational risk appetite frameworks

