

Jharkhand University of Technology Ranchi

MBA SYLLABUS

FUNCTIONAL SPECIALIZATIONS

FINANCE [FIN]

(Major & Minor)

ELECTIVE-II

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECIALIZATION “FINANCE” [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
BEHAVIOURAL FINANCE (BF)
Paper Code: MBA_FIN_01

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher’s Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 4 Tutorial-0 Practical-0	End Term Examination Marks: 60 each subject

Course Objectives:

The course is design for students understanding of basic behavior of Finance and its processes in organizations which are important for them to adapt to the changing corporate environment.

Learning Outcome:

- ❖ This course helps to the students differences between a behavioral finance perspective and a traditional finance perspective and comprehends the cognitive biases and errors of judgment that affect financial decisions of individuals.
- ❖ This appraises behavioral influences involving individual’s investment decisions. Evaluate behavioral influences involving corporate (executive) financial decisions.

Unit I: Introduction to Behavioral Science:(12 Hours)

Evolution of Behavioral Finance. Meaning, Concept, Definition, Nature and Importance of Behavioral Finance. Investment Decision Making Cycle: Traditional versus Behavioral Finance, Expected Utility Theory, and Influence of Psychology on Behavioral Science.

Unit II: Heuristics and Biases: (12 Hours)

Basics of Heuristics, Nature of Heuristics and function of Human mind human mind works, Familiarity and related heuristics, Representativeness and related biases, Irrationality and adaptation, Self-Deception, Forms and causes of Over-confidence.

Unit 3 : Theory of Heuristics: (12 Hours)

Basic of Heuristics theory, Prospect Theory and Mental Accounting theory, SP/A Theory, Mental Accounting, Changes in risk attitude, Sunk Cost effect, Emotional and social factors, Reference and dependence.

Unit 4 : Behavioral Aspects of Investment:(12 Hours)

Fundamental of investment, types of Investment, important of Investment, Investor behaviour, Behavioral Portfolio Theory, Knowing yourself: Psychographic Models, Guidelines for overcoming psychological biases.

Unit 5: Behavioral Corporate Finance: (12 Hours)

Basics of Capital Budgeting, valuation of Capital Budgeting, Capital Structure, Dividend Policy, Mergers and Acquisitions, Building a smart organization: Challenges, accounting, Financial Planning, Incentives, Information Sharing, Group Processes.

Text Books:

- ❖ Behavioural Finance, Prasanna Chandra, McGraw Hill. Latest Edition.
- ❖ Value Investing and Behavioural Finance, Parag Parikh, McGraw Hill. Latest Edition.

Reference Book:

- ❖ Behavioural Finance: insights into irrational minds and market, James Montier, Wiley Finance. Latest Edition.
- ❖ Advances in Behavioural Finance, Richard H.Thaler, Russell Sage Foundation. Latest Edition.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECILIZATION “FINANCE” [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
BOND MARKETS ANALYSIS AND STRATEGIES (BMAS)
Paper Code: MBA_ FIN _02

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher’s Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 4 Tutorial-0 Practical-0	End Term Examination Marks: 60 each subject

Course Objectives:

The objective of this course is to familiarize the students with the concepts and techniques used in Bond Market analysis. To develop different strategies capabilities for effective decision-making in a variety of different business situations and market conditions.

Learning Outcome:

- ❖ This course introduces a set of modern analytical tools to solve Bond Market problem in finance and bridge the gap between finance theories and practice by building Of Bond Market analyzing and Fundamentals of measuring yield to build spreadsheet financial models.
- ❖ This course helps to understand to bond price volatility, nature and Types of Volatility and measuring of bond price volatility convexity.

Unit I: Fundamentals of Bond Marketing Analysis : (12 Hours)

Meaning and concepts and Definition of Bond Marketing, silent features, types and important of bond marketing analysis, policies of bond marketing and risk associated with investing in bonds.

Unit II: Pricing of Bonds: (12 Hours)

Review of time value of money, pricing a bond, complications, pricing floating rates and interest floating rate securities, price quotes and accrued interest.

Unit III: Measuring Yield: (12 Hours)

Fundamentals of measuring yield, Computing the yield or interest (IRR, ERR) rate of return (ROR) on any investment, conventional yield measures, potential sources of bond, total return and calculating various problems.

Unit IV: Bond Pricing Volatility: (12 Hours)

Meaning and concepts of Volatility, nature and Types of Volatility, Review of the price-yield relationship for options- free bond, price volatility characteristics of option- free bond, measuring of bond price volatility convexity.

Unit V: Factors Affecting Bond Yield and Term Structure of Interest Rate: (12 Hours)

Fundamentals of Interest, Base interest rate, benchmark spread, term structure of interest rate SWAP rate yield curve, Process of MOU For Investment Bond yielding and factors Affecting interest rate Calculation of Interest (Simple compound And Complex).

Text Books:

- ❖ Bond Markets, Analysis and Strategies, Frank J. Fabozzi, Pearson, Latest Edition.
- ❖ Bond Pricing and Portfolio Analysis (English, Paperback, Grandville Olivier de la), Publisher: PHI Learning, Latest Edition.

Reference Book:

- ❖ The Complete Practitioner's Guide to the Bond Market (English, Hardcover, Dym Steven). Publisher: McGraw-Hill Education – Europe. Latest Edition.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECILIZATION “FINANCE” [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
FINANCIAL DERIVATIVES (FD)
Paper Code: MBA_ FIN _03

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher’s Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 4 Tutorial-0 Practical-0	End Term Examination Marks: 60 each subject

Course Objectives:

The objective of this course is to understand the basic concepts of Financial Derivatives, to understand different organizations and the ways to manage them, to understand the various aspects of derivative like forward and future, SWAP and options.

Learning Outcome:

- ❖ Understanding the evolution and growth of derivatives and its function.
- ❖ Financing options available to firms, Tradeoff between debt and equity, Criteria for deciding the optimal financing mix.
- ❖ Understand the concept of SWAP, SWAP analysis and understand the Indian Banking Systems.

Unit 1: Introduction to Derivatives:(12 Hours)

Basics of Derivatives, Evolution and features of Derivatives, Types of Derivatives, Forward , futures and options market, Derivatives Market, Forward market transactions , Forward contracts , Forward market in India , Hedging with forwards.

Unit II: Forwards and Futures:(12 Hours)

Introduction to Forward Contract, features of forward contracts Futures contract , types , functions , distinction between futures and forward , pricing of futures contract, Currency Futures , Hedging in Currency Futures , Speculation and Arbitrage in Currency Futures , Pricing of Futures, Cost of Carry Model , Application of Market Index , Index Futures in the Stock Market , Indian Derivatives Market.

Unit III: Option and Transactions: (12 Hours)

Introduction to options, hedging with Currency Options, Speculation and Arbitrage with Options, Pricing Options, General Principles of Pricing, Black Scholes option pricing Model. Index Options, Hedging with

Index Options, Speculation and Arbitrage with Index Options, Index Options Market in Indian Stock Market, Use of different option strategies to mitigate the risk.

Unit IV: Basics SWAP Analysis: (12 Hours)

Meaning and Concepts of Swaps, Types of SWAP Analysis (financial/ Non- Financial SWAP) Meaning Interest Rate Exposure Managing Interest Rate Exposure, Interest Rate Swaps, Currency Swaps, commodity swap credit default swap, zero coupon swap, total return swap and Forward Rate Agreement.

Unit V: Indian Banking Systems: (12 Hours)

Basics of Banking, Evolutions, Definitions , types of Banking, role and importance of Banking , functions of Banking Structures policies of Indian Banking System, Loan approval system and Recovery, approval Of Project(preliminary Project Report(PPR), Detail Project Report(DPR) and role Of Bank for Project Implementation .

Text Books:

- ❖ Thomas Susan, Derivatives Market in India; Tata McGraw Hill, Latest Edition.
- ❖ Financial Derivatives: Theory, Concepts and practices by S.L. Gupta, PHI. Latest Edition.

Reference Book:

- ❖ Financial Derivatives by S.S.S Kumar, PHI , Latest Edition.
- ❖ Options, Futures and other Derivatives, John C. Hull; Prentice Hall of India; New Delhi, Latest Edition.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECILIZATION "FINANCE" [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
FINANCIAL ENGINEERING (FE)
Paper Code: MBA_FIN_04

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher's Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 4 Tutorial-0 Practical-0	End Term Examination Marks: 60 each subject

Course Objectives: The basic objective of this course is to familiarize the students with the basics of Financial Engineering and it's far reaching applications in Financial Engineering studies.

Learning Outcomes:

- ❖ Identify the Financial Engineering and factors affecting the growth of financial engineering in India.
- ❖ Apply principles and techniques in the design of Financial Engineering processes and strategies planning and control of these systems to optimize use of these resources in achieving their objective.
- ❖ Apply techniques for Financial Engineering processes to inventory control and management under dependent and independent demand circumstances.

Unit I : Basics of Financial Engineering:(12 Hours)

Meaning, concepts, definition and importance Financial Engineering, contribution of Finance Engineering, factors affecting the growth of financial engineering in India, knowledge base and skills required for financial engineering.

Unit II : Time Value of Money: (12 Hours)

Meaning and concepts of Time value and Money, need and important of present value, compound value and annuity value. Determinations of value of financial instruments and products. Absolute valuation v/s relative valuation. Measuring Return and Risk. Portfolio consideration and investment horizons. Speculation, arbitrate and market efficiency.

Unit III : Application of Tools and Techniques for Financial Engineering: (12 Hours)

Basics tools and Technique on used on FE, Product development process, financial derivatives, debt market innovations, innovation in equity and equity related instruments. Financial Engineering processes and strategies, asset liability management, hedging and related risk management techniques.

Unit IV : Corporate Restructuring:(12 Hours)

Leveraged buyouts, tax driven deals, takeovers, synthetic instruments. Future directions in financial engineering, Effect of globalization and technology on financial engineering, Legal aspects of innovative financial products.

Unit V: Production Process and Financial Engineering: (12 Hours)

Basics of production Engineering, production process, role of finance Engineering on production, inventory management and control , skill of a Finance Manager, implementation of techniques on finance.

Text Books:

- ❖ Marshall Johon F& Bansal Vipul K., Financial Engineering, PHI. Latest Edition.
- ❖ Apte, P.G., International Financial Management, Tata McGraw-Hill. Latest Edition.

Reference Books:

- ❖ Watsham Terry J., Futures and Options in Risk Management, Thomson Business Press. Latest Edition.
- ❖ Shapiro Allan C., Multinational Financial Management, Wiley. Latest Edition.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECILIZATION “FINANCE” [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
FINANCIAL MARKET AND SERVICES (FMS)
Paper Code: MBA_ FIN _05

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher’s Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 4 Tutorial-0 Practical-0	End Term Examination Marks: 60 each subject

Course Objectives:

The objective of this course is to acquaint the students with the basic concept of Financial Market and Services and further to develop for Managers for Decision Making.

Learning Outcomes:

- ❖ This course helps to understanding the financial system, markets and the risk management systems.
- ❖ A global perspective of financial services and role of bankers in corporate advisory services, Understanding different kinds of issues, functions and management of depository in India.

Unit I: Introduction:(12 Hours)

Structure of Indian financial system: An overview. Theories of the Impact of financial development and savings; Prior saving theory, Credit creation Theory, Theory of forced savings, Financial regulation theory, Financial liberation Theory.

Unit II : Financial Institutions: (12 Hours)

Reserve Bank of India: organization, management and functions, Recent monetary policy of RBI, Commercial banks: meaning, functions, present structure, types, e-banking and recent developments in commercial banking, NBFC, Sectorial financial institution NABARD, Exim Bank and PFC.

Unit III : Structure Financial Markets : (12 Hours)

Money and capital market, Money market: meaning, constituents, functions of money market, Money market instruments: call loans, treasury bills, certificates of deposits, commercial bills, trade bills, Recent trends in Indian money market, Capital market: primary and secondary markets, their role recent developments, Government securities market, SEBI: objectives and functions.

Unit IV: Microfinance, Development:(12 Hours)

Overview of micro finance; Types of micro finance; Income generating activities and Micro Enterprise Market (demand) analysis, Technological analysis, Socio-economic analysis, Environmental analysis. Logical framework, Implementation & Monitoring Credit Delivery Methodology; Strategic Issues in Microfinance: Sustainability.

Unit V: Banking System :(12 Hours)

Banking role and structure of banking in India, Products and services of Banking: Types, features and its working, third party products, Life-Insurance, Mutual fund, Equity, General Insurance.

Text Books:

- ❖ Bhole,L M ; Financial Institutions and Markets; McGraw-Hill Education. Latest Edition.
- ❖ Kohn M, Financial Institutions and Markets, OUP. Latest Edition.
- ❖ Pathak, Bharti V.; Indian Financial System; Pearson Education. Latest Edition.

Reference Book:

- ❖ Singh, S.P.; Indian Financial System; Wisdom Publication. Latest Edition.
- ❖ Machiraju, H.R.; Indian Financial System; Vikas Publishing House. Latest Edition.
- ❖ Desai, Vasant; Fundamental of Indian Financial System; Himalaya Publishing House. Latest Edition.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECILIZATION “FINANCE” [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
FOREIGN EXCHANGE AND RISK MANAGEMENT (FERM)
Paper Code: MBA_ FIN _06

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher’s Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 3 Tutorial-0 Practical-1	End Term Examination Marks: 60 each subject

Course Objectives:

The objective of this course is to help the students understand the concepts of foreign trade and Risk management and application of Regulations, Foreign exchange market and Exchange Risk.

Learning Outcomes:

- ❖ Overview and importance of foreign exchange market and international credit rating agencies, FEMA regulations.
- ❖ Understanding trading in foreign exchange market, trading procedures and it help to understand concepts of Forex Markets.

Unit I : Overview of Foreign Exchange Markets: (12 Hours)

Cash & Spot Exchange, Eurocurrency Markets, Market Players, Inter-bank, Corporate, Mechanism of making a foreign payment, Forex and Interest Rate markets.

Unit II: FEMA Regulations: (12 Hours)

Meaning and concepts of FEMA, FEMA regulations, Factors affecting Exchange Rates.

Unit III: Trading in Foreign Exchange Markets: (12 Hours)

Trading Procedure, Management of International Trade Transaction, Information Analysis for Trading, Speculation, International Transactions Financing, Concept of Volatility in Forex Markets.

Unit IV: Forecasting Exchange Rates: (12 Hours)

Basics of forecasting and Exchange rates, types of Forecasting and exchange Rates, factions of forecasting, Various theories of forecasting, Drawbacks associated with these theories, Technical Analysis and Real-time example, economic forecasting in India.

Unit V: Foreign Exchange Risks: (12 Hours)

Basics of foreign exchange policy, rules and Regulations of FE., Types of Risks & exposures for corporate, exports, imports, borrowing, competitions, Measurement and quantifying of Risks

Text Books:

- ❖ Foreign Exchange and Risk Management by Sultan Chand & Sons. Latest Edition.
- ❖ Khan, MY, Indian Financial System, Tata McGraw Hill Publishers, New Delhi. Latest Edition.
- ❖ Jeevanandam C., Foreign Exchange, Practice, Concepts & Control, Sultan Chand & Sons, New Delhi. Latest Edition.

Reference Book:

- ❖ Chaudhuri BK & Agarwal OP, Foreign Trade & Foreign Exchange, Himalaya Publishing House, Mumbai. Latest Edition.
- ❖ Apte PG, International Financial Management, Tata McGraw Hill Publishing Company Ltd., New Delhi . Latest Edition.
- ❖ Rajwade AV, Foreign Exchange, International Finance & Risk Management, Academy of Business Studies, New Delhi. Latest Edition.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECILIZATION “FINANCE” [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
FUTURES OPTIONS & OTHER DERIVATIVES (FOOD)
Paper Code: MBA_ FIN _07

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher’s Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 3 Tutorial-0 Practical-1	End Term Examination Marks: 60 each subject

Course Objectives:

The main objective of this course is to help students to learn the various Future Options and the other Derivatives and their role in the overall financial knowledge to students regarding the techniques of measurement and control of risk.

Learning Outcomes:

- ❖ Describe various types of Future market and their role and importance for hedging against risk.
- ❖ Comprehend the features of Forward contracts and evaluate its return for parties involved in the agreement and describe the pricing and its valuation.
- ❖ Evaluate and apply various Interest rate to enhance the returns of investors.

Unit I: Introduction to Futures Options & Other Derivatives (FOOD): (12 Hours)

Fundamentals of FOODs, nature and silent Features of FOOD, Exchange trade market, over the counter market, forward contract, future contract, options, types of traders, hedgers, speculators, overview of Indian derivative market.

Unit II: Future Market Analysis: (12 Hours)

Background of market, market structure, types of Future market, specification of futures contract, convergence of future price to spot price, OTC market, types of traders and types of orders, regulations, forward vs futures contract.

Unit III : Hedging Strategies: (12 Hours)

Meaning and concepts of hedging, , hedging strategies, types of strategies, Basic principal, agreements for and against hedging basic risk, cross hedging, stock index futures.

Unit IV: Interest Rates: (12 Hours)

Types of rates, SWAP rate, the risk free rate, measuring interest rates, zero rate, bond pricing, determining zero rate, forward rate, forward rate agreement.

Unit 5: SWAP Analysis: (12 Hours)

Mechanics of interest rate SWAPs, day count issues, confirmations, the compensations- advantages agreement other currency SWAPs, credit risk, other type of SWAP.

Text Books:

- ❖ Options, Future & Other Derivatives, Tenth Edition, By Pearson Paperback –John C. Hull (Author), Sankarshan Basu.

Reference Book:

- ❖ Fundamentals of Futures and Options Markets | Ninth Edition | By Pearson Paperback – 1 January 2018 by C. Hull John.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECILIZATION “FINANCE” [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
INTERNATIONAL FINANCIAL MANAGEMENT (IFM)
Paper Code: MBA_ FIN _08

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher’s Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 4 Tutorial-0 Practical-0	End Term Examination Marks: 60 each subject

Course Objectives:

The objective of the course is to understand the role of International Financial Management in Business organizations and to give an insight into the strategic, regulatory, operating and managerial issues concerning select financial Market.

Outcomes:

- ❖ Understand the features of International financial management and foreign exchange market and methods of Forecasting Exchange Rate.
- ❖ Significance of the Euro currency Market for Financial Market Intermediation, Raising Funds in International Markets, Structuring a Swap Deal- Interest Rate Swaps and Currency Swaps.

Unit I: Fundamentals of International Financial Management: (12 Hours)

Basics of IMF Nature and Scope of International Financial Management; Evolution of International Monetary System; international Monetary System Bretton Wood Conference; International Monetary Fund; Role of IMF; Funding Facilities; European Monetary System (EMS); Mechanisms and European Monetary Union; International Bank for Reconstruction and Development.

Unit II: Foreign Exchange Market : (12 Hours)

Structure and Participants; Types of Transactions; Arbitrage; Covered Interest Parity; Option Forwards; Forward Swaps; Computation of Foreign Exchange Rate - Exchange Rate Quotations; Methods of Forecasting Exchange Rate; Forward Quotations; Foreign Exchange Market in India; Inter Bank Forward Dealing.

Unit 3: Exposure and Risk : (12 Hours)

Nature of Exposure and Risk; Evaluation Exchange Rate Exposure; Foreign Exchange Exposure; Measuring Foreign Exchange Exposure; Transaction Exposure; Hedging of Transaction Exposure; Operating Exposure; Hedging of Real Operating Exposure.

Unit 4: International Capital Markets : (12 Hours)

Development of International Capital Market; Euro Credit Markets; Euro-Currency Loan; ADR and GDR Issues; Domestic vs. Foreign Equity Investment; Cross Border Diversification; International CAPM.

Unit 5: International Projects and Multinational Groups : (12 Hours)

Strategies and Objective of Multinational Groups; Organizations of Multinational Groups; Criteria used in Evaluation of Multinational Groups; Different Types of Project; Importance and Participants of International Project Financing; Risk in International Projects.

Text Books:

- ❖ Apte, P.G. : International Financial Management, Tata McGraw Hill, New Delhi. Latest Edition.
- ❖ Buckley, Adrian : Multinational Finance, Prentice Hall, New Delhi. Latest Edition.
- ❖ Eitman, D.K. and A.I. Stenehill : Multinational Business Cash Finance, Addison Wesley, New York. Latest Edition.

Reference Book:

- ❖ Henning, C.N., W Piggot and W.H. Scott : International Financial Management, McGraw Hill, International Latest Edition.
- ❖ Levi, Maurice D : International Finance, McGraw-Hill, International Latest Edition.
- ❖ Rodriquefe, R.M. and E.E. Carter : International Financial Management, Prentice Hall, International Latest Edition.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECILIZATION “FINANCE” [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
INVESTMENT ANALYSIS AND PORTPOLIO MANAGEMNET (IAPM)
Paper Code: MBA_ FIN _09

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher’s Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 3 Tutorial-0 Practical-1	End Term Examination Marks: 60 each subject

Course Objectives:

The objective of this course is to acquaint the students with concepts and techniques used in the field of Investments and to enable them to apply this knowledge in business decision-making. Emphasis is given to changes in the nature of business firms in the context of globalization.

Learning Outcomes:

- ❖ Understand the concepts of investment decisions, investment process and the methods employed by Indian Companies.
- ❖ Strengthening the foundations of the analytical approach to Technical Analysis and tools of Technical Analysis-Point and Figures.
- ❖ Understanding Capital Asset Pricing Model (CAPM).

Unit I: Investment Decisions: (12 Hours)

Nature and Scope of Investment Decisions; Investment vs. Speculation; Investment Process; Salient Features of Corporate Securities and Derivatives; Bank Deposits; Mutual Fund Schemes; Life Insurance Policies and other Investment Opportunities.

Unit II: Fundamental Analysis and Chemistry of Earnings: (12 Hours)

Economic Analysis and Economic Forecasting; Industry Analysis-Industrial Classification, Analysis of Industry Life Cycle and Industrial Indicators; Company Analysis-Analysis of Financial Statements; Estimation of Intrinsic Value of Shares-Traditional and Modern Methods.

Unit III: Technical Analysis : (12 Hours)

Meaning and its Components; Technical Analysis vs. Fundamental Analysis; Tools of Technical Analysis-Point and Figures, Bar and Line Charts, Moving Averages and other Modern Tools; Limitations of Technical Analysis; Meaning and Form of Efficient Market Hypothesis.

Unit IV: Risk Analysis:(12 Hours)

Risk-Return Characteristics of Individual Asset and of a Portfolio; Various Components of Risks-Interest Rate Risk, Market Risk, Inflation Risk, Management Risk, Liquidity Risk and Systematic and Unsystematic Risks; Diversification of Risks.

Unit V: Portfolio Management: (12 Hours)

Traditional and Modern Theory; Selection of Optimum Portfolio-Markowitz Model, Sharpe Model and Capital Asset Pricing Model (CAPM).

Text Books:

- ❖ Barua, Raghunathan and Verma : Portfolio Management , Tata McGraw Hill, Delhi. Latest Edition.
- ❖ Clark, James Francis : Investment – Analysis and Management, McGraw Hill, International Edition, New York. Latest Edition.
- ❖ Fabozzi, Frank J : Investment Management, Prentice hall, International Edition, New York. Latest Edition.

Reference Book:

- ❖ Fischer, D.E. and Jordan R.J. : Security Analysis and Portfolio Management, Prentice hall, Delhi. Latest Edition.
- ❖ Sharpe, William F, Fordon J Alexander and J. V Bailly : Investments, Prentice Hall, Delhi. Latest Edition.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECILIZATION “FINANCE” [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
MERGER AND ACQUISITION (M&A)
Paper Code: MBA_ FIN _10

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher’s Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 4 Tutorial-0 Practical-0	End Term Examination Marks: 60 each subject

Course Objectives:

The objective of this paper is to acquaint the students the broader context and framework within Merger and Acquisition. This will benefit the students to take better informed decisions.

Learning Outcomes:

- ❖ Analyze the nature and sources of various merger and acquisitions and exposure of the reason for restructuring.
- ❖ Formulate strategies and theory to deal with different Approaches of Valuation of merger and acquisitions.
- ❖ Evaluate the Income Based Valuation environment of the organization.

Unit I : Introduction to Merger and Acquisitions: (12 Hours)

Meaning and Concept of merger and acquisitions, types of Merger, role of Merger and Corporate Restructuring, Reasons for Restructuring, Barriers to Restructuring, Types of Corporate Restructuring, advantages and disadvantages of Merger and acquisition .

Unit II : Classification of Mergers and Acquisitions: (12 Hours)

Concept, Classification of Mergers, Motives behind M & A , Process of M & A, Reasons for failure, Reverse Merger, Recent Examples of M & A in India, role of a merger on economic growth in India.

Unit III: Legal Issues in Mergers and Acquisitions: (12 Hours)

Provision for M & A under Companies Act, 2013, SEBI Buyback of Securities Regulations, SEBI (Substantial Acquisition of shares and Takeover Regulations), SEBI (Delisting of Securities) Guidelines, Provisions of Income Tax Act, Competition Act for M & A.

Unit IV: Different Approaches of Valuation of M & A : (12 Hours)

Asset Based Valuation, Net Asset Method Book Value basis, Market Value basis, Liquidation Value basis

Unit V: Income Based Valuation: (12 Hours)

Discounted Cash flow Method, Equity Valuation and Firm Valuation covering Stable growth and two stage growth model, Dividend Yield Method, and Capitalization Method.

Text Books:

- ❖ Aurora, Shetty, Kala Mergers and Acquisitions Oxford Latest Edition.
- ❖ M.Y. Khan, P.K. Jain Financial Management TMH Latest Edition.

Reference Book:

- ❖ Sudi Sudarsanam Creating Value from Mergers and Acquisitions PHI Latest P. Rajesh Kumar Mergers & Acquisitions TMH Latest Edition.
- ❖ Prasanna Chandra Financial Management: Theory and Practice TMH Latest Edition.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECILIZATION “FINANCE” [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
PERSONAL FINANCE (PF)
Paper Code: MBA_ FIN _11

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher’s Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 4 Tutorial-0 Practical-0	End Term Examination Marks: 60 each subject

Course Objectives:

The objective of this course is to analyze the major concepts, theories and principles of Personal Finance in logical and critical manner.

Learning Outcomes:

- ❖ Analyze the role of personal finance in financial market.
- ❖ Understand to fundamental of income tax and return in personal finance
- ❖ Identify the principles of income protections, need and important of Protections types of protections and types of income.

Unit I : Introduction to Personal Finance: (12 Hours)

Meaning and concepts of Personal Finance, definitions of Job, Money, Happiness, Role of Money in your life, financial will being, role of work, financial reward from working, the present and future, how to control your spending impulses, actions, the power of self being.

Unit II: Work and Financial Planning:(12 Hours)

Human capital, the foundation of wealth creation, a long life, staying young for a longer, what is financial planning properties, your income and expenditure, how to control your spending.

Unit III: Life Protection for New Venture: (12 Hours)

Basics of Protecting dying Young life, Your family is important, protected your family against the financial impact of death, support of Government, Different Life Insurance Policy.

Unit IV: Income Protection: (12 Hours)

Fundamental of income protections, need and important of Protections types of protections and types of income , Income tax and its Return, Protect your income, consequences of ill health, income of public and Private employee, future plan and Prospective of Income of employee.

Unit V: Managing Loans and Credits :(12 Hours)

Basics of loans and credits, types of loan and credits, need and impornattas of loan, Good And Bad Debt, Borrowing To Buy A Home, Borrowing For Other Reasons, Loans And Credits At Work, Dealing With Debt Problem.

Text Books:

- ❖ The Everything Personal Finance in Your 20s & 30s Book:by.Howard Davidoff • Latest Edition.
- ❖ Stock Market Investing for Beginners: Essentials to Start by Tycho Press • Latest Edition.

Reference Book:

- ❖ Essential Personal Finance: A Practical Guide for Employees by Jonquil Lowe, Jason Butler, Lien Luu • Latest Edition.
- ❖ The Infographic Guide to Personal Finance: A Visual By Michele Cagan, Elisabeth Lariviere • Latest Edition.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECILIZATION “FINANCE” [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
QUNTITATIVE FINANCE (QF)
Paper Code: MBA_ FIN _12

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher’s Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 4 Tutorial-0 Practical-0	End Term Examination Marks: 60 each subject

Course Objectives:

Data collection, presentation and analysis are important for objective decision making. Organizations today value the significance of data. Managers should possess the skills to extract actionable information from data and apply them.. The course has two components. In the first, basic statistical tools would be introduced. With the second component, participants would learn how to build decision models.

Learning Outcomes:

- ❖ Know different sources of data, ability to summarize and present data to a diverse audience
- ❖ Understand and use sampling and inferential statistics.
- ❖ Identify opportunities for application of management science tools.

Unit I: Introduction to Quantitative Finance: (12 Hours)

Origin and development of statistics, meaning, nature of statistics, scope and limitations of statistics and applications of statistics in various fields.

Unit II: Measures of Central Tendency: (12 Hours)

Fundamental of central tendency, Mean, median and mode, measures of dispersion, percentile and quartile range, average deviation mean deviation and standard deviation.

Unit III: Probability and Sampling: (12 Hours)

Meaning of probability, concepts of sample space, sample points and events, calculations of probability in case of simple events, mutual exclusive events and compound events. Sampling – Concept of sampling,

methods of sampling – simple, stratified, and systematic random sampling convenience, quota and judgment sampling.

Unit IV: Time Series Analysis: (12 Hours)

Meaning, Definition and Components of time series, type of variation-secular trend-semi average method, moving average method, seasonal variation-ratio to trend method, link relative method; Correlation-definition, types of correlation (graphic and mathematical), coefficient; Regression – Meaning, Definition, Regression analysis, estimation of relationship by graphic and algebraic method.

Unit V: Multivariate Analysis: (12 Hours)

Concepts of multiple regressions and correlation, multiple correlation and regression analysis, coefficients of multiple correlation and regression analysis, concept of partial correlation and Calculations.

Text Books:

- ❖ Statistics for Management by Levin & Rubin of (PHI Pub) , Latest Edition.
- ❖ Fundamentals of Statistics by S C Gupta (Himalaya Publication House). Latest Edition.
- ❖ Quantitative Techniques in Managements by Vohra (Tata MC Graw Hill). Latest Edition.

Reference Book:

- ❖ Quantitative Methods for Business Decisions by Lapin (Dryden Publications). Latest Edition.
- ❖ Business Statistics by Bharadwaj R. S. (Excel Books). Latest Edition.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECILIZATION "FINANCE" [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
TAX MANAGEMENT (TM)
Paper Code: MBA_FIN_13

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher's Assessment: 20 + Mid Term Examination: 20
Periods: Lectures-4 Tutorial-0 Practical-0	End Term Examination Marks: 60 each subject

Course Objectives:

The objective of this course is to enable students to develop an understanding of different taxes in India and to enable them to calculate Income tax.

Learning Outcomes:

- ❖ Exhibit sophisticated knowledge related to tax rules and regulations and analyze and resolve tax problems.
- ❖ Explain different types of incomes and their taxability and expenses and their deductibility.
- ❖ Identify various opportunities available for tax planning and various strategies for tax saving.

Unit I: Basics of Income Management: (12 Hours)

Meaning concepts and definition to tax management , types of Direct Taxes, indirect tax , Income Tax, Wealth Tax. Important Provision of Income Tax Act in India. Income tax simplification in India, tax returns and its management, advantages of Tax Management.

Unit II: Tax Planning and Assessment: (12 Hours)

Basic Concepts: tax planning Assessment Years, Previous Years, Person, Income, Gross Total Income, Capital and Revenue Receipts and Expenditure, Residential Status and Incidence of Tax, Tax Free Income.

Unit III: Income from Salary: (12 Hours)

Meaning and concepts of salary structure, Taxability of Allowances and Perquisites, Permissible Education, Treatment of PF, Gratuity, Tax Planning in future perspectives.

Unit IV: Income from Business and Profession: (12 Hours)

Basis of Charge, Scheme of Provisions, Deductions Expressly Allowed, Expenses Allowed Under Restriction, Depreciation, Tax Planning, Income From House Property: Tax Planning, Income from Capital Gains and other Sources: Tax Planning

Unit V: Tax Deduction: (12 Hours)

Deduction Allowed From Total Income, Rebates and Relief.TDS: Tax Deduction at Source, Advance Payment of Tax, Filing of Returns, Tax Planning in Relation to NRIs.

Text Books:

- ❖ Iyengar, A C.,Sampat Law of Income Tax. Allahabad, Bharat Law House. Latest Edition.
- ❖ Kanga, J. B. and Palkhivala, N.A., Income Tax. Bombay, Vol.1-3, N.M. Tripathi. Latest Edition.

Reference Book:

- ❖ Lal, B.B., Direct Taxes Practice and Planning Konark Publishers Private Ltd, Delhi, Latest Edition.
- ❖ Prasad, B., Income Tax Law and Practice ViswaPrakashan, New Delhi, Latest Edition.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECILIZATION “FINANCE” [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC)
TAXATION WITH CURRENT POLICIES (TCP)
Paper Code: MBA_ FIN _14

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher’s Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 4 Tutorial-0 Practical-0	End Term Examination Marks: 60 each subject

Course Objectives:

The objective of this course is to enable students to develop an understanding of direct and indirect taxes and to enable them to calculate and plan taxes.

Outcomes:

- ❖ Identify, define, and resolve Indian tax System and issues through their understanding, knowledge, and application of research methods and databases.
- ❖ Recognize and apply relevant ethical standards as required in tax practice.
- ❖ Understanding computation of taxable income and tax liability of companies and the implications of tax benefits and incentives for corporate decisions in various situations.

Unit I: Introduction of Indian Taxation System: (12 Hours)

Meaning, Definition, Important, Types of Tax- Direct Tax and Indirect Tax, Tax planning and Tax Avoidance, History of Taxation, Present system of taxation in India.

Unit II: Principles of Taxation: (12 Hours)

Need importance and types of taxation, Objectives of Taxation – Effects of Taxation on Production, Distribution and Employment - Canons of Taxation - Characteristics of good tax system .

Unit III: Income from House Property: (12 Hours)

Profits and gains of business or profession Unit, Capital gains Unit, Income from other sources Unit, Income Tax Authorities, Advance tax, tax deduction at source and introduction to tax collection at source Unit, Provisions for filing return of income and self-assessment.

Unit IV: Provisions of Income Tax Deductions: (12 Hours)

Income Tax policies, Provision for Income Tax, process of Income Deductions recent Income Tax Act in India. – Persons entitled to claim deductions – Provisions relating to deductions under various sections of income tax in India.

Unit V: Fundamentals of GST, VAT, E-filing: (12 Hours)

Meaning and concepts of GST, types of GST, central GST and State Gst, definition of VAT, policies of GST and Vat, Provisions of E Filling.

Text Books:

- ❖ Tyagi. B.P, "Public Finance", Jai Prakash Nath & Co, Meerat. Latest Edition.
- ❖ Datey, V.S "Indirect Taxes", Taxmann Publications Pvt. Ltd, New Delhi. Latest Edition.

Reference Book:

- ❖ Dr. Sanjeev Kumar "Indirect Taxes ", Bharat Law House Pvt. Ltd, New Delhi. Latest Edition.
- ❖ Balachandran. V, "Indirect Taxation", Sultan Chand & Sons, New Delhi. Latest Edition.

Jharkhand University of Technology Ranchi
MBA FUNCTIONAL SPECIALIZATION “FINANCE” [FIN]
(MAJOR & MINOR)
ELECTIVE-II (OEC/SDC)
CURRENT ISSUES AND EMERGING CHALLENGES IN FINANCE (CIECF)
Paper Code: MBA_FIN_15

Total Credits: 4	Full Marks: 100
Total Credit Hours: 60 Hours	Internal Assessment Marks:40 each subject (Teacher’s Assessment: 20 + Mid Term Examination: 20
Periods: Lectures- 2 Tutorial-1 Practical-1	End Term Examination Marks: 60 each subject

Course Objectives:

The objective of this course is to discuss the Current Issues and Emerging Challenges in Finance including a detailed study of the working of the Indian financial institutions.

Learning Outcomes:

- ❖ Describe various issues of Indian financial market and their recent trends in Indian Financial Market.
- ❖ Understand the features of Indian financial system.
- ❖ Understand the features and theory of foreign direct Investment.

Unit I: Introduction to CIECF: (12 Hours)

Basics of Current CIECF, issues of Indian financial market, remedies of issues of financial market, financial development of India, recent trend in Indian financial market.

Unit II: Emerging Challenges in Finance: (12 Hours)

Overview of emerging challenges in finance, recent development of Indian financial market.

Unit III: Regulations of Financial System: (12 Hours)

Legal, Regulatory, and Supervisory Structures for the Financial System, Financial Stability, and Banking Reforms, ADB Engagement and Achievements, Fulfilling Policy Priorities, Development Opportunities.

Unit IV: Foreign Direct Investment: (12 Hours)

Fundamentals of FDI, FDI in India, Theories of FDI, Costs and Benefits of FDI, Strategy for FDI Control of MNCs Government Policy towards Investments in India, Risks in Foreign investments, Management of Economic and Political Risk, investment risk In FDI

Unit V: Indian Financial System: (12 Hours)

Definitions of Financial System, types of financial system financial and non financial system, types of markets, money market and capital market, financial Institutions and intermediaries, role of Merger and broker in Financial system in India.

Text Books:

- ❖ EMERGING ISSUES AND CHALLENGES OF FINANCE IN 21ST CENTURY (English, Hardcover, Prof. Kulwant Singh Pathania, Dr. Suneel Kumar). Latest Edition.
- ❖ Contemporary issues and challenges in finance and taxation Dr. Gouri sankar Lall, Dr. Venketeswara Rao Bhanout and mr. Maheswar Sethi. Latest Edition.

Reference Book:

- ❖ Emerging Issues in Finance and Business Management (Others, Alpesh Joshi). Latest Edition.