



DEPARTMENT OF MANAGEMENT STUDIES

Islamic University of Science and Technology

1 – University Avenue, Awantipora, Pulwama, J&K, 192122.

Course Title: Security Analysis & Investment Management

Course Code: MBA-DE-901	Max. Marks = 100 (Mid-term = 50, End-term = 50) Credits: 4 (L = 3, P = 0, T = 1)
Course Objective: <i>To provide students with a comprehensive understanding and practical skills in modern portfolio techniques and investment management, while also exploring behavioural and ethical considerations in investment decision-making.</i>	
Course Outcomes: After attending the course, students will be able to: <ul style="list-style-type: none"> • <i>Understand different theories of investment management, and their applications in portfolio planning, maintaining and revision.</i> • <i>Develop optimal asset allocation plans, and analyze the effect of diversification on risk reduction.</i> • <i>Analyse financial statements and valuation metrics, evaluate fixed-income securities and differentiate between active and passive investing.</i> • <i>Measure investment performance, evaluate investment managers, recognize behavioral biases, monitor investment performance, and understand ethical considerations in investment management.</i> 	
SYLLABUS	
Unit I: Overview of securities markets and investment vehicles, including stocks, bonds, and derivatives. Understanding the role of investment management and the various players in the investment industry. Modern Portfolio Theory (MPT): Key concepts and assumptions, including the expected return, variance, covariance, and correlation. Capital Asset Pricing Model (CAPM): Deriving the optimal portfolio and the security market line. Arbitrage Pricing Theory (APT): Exploring the role of multiple factors in asset pricing. Behavioural finance: Understanding biases and heuristics in investment decision-making, including prospect theory, overconfidence, and loss aversion.	
Unit II: Strategic asset allocation: Setting long-term investment goals and constraints, including risk tolerance and time horizon. Tactical asset allocation: Responding to changing market conditions and forecasting asset class returns. Efficient Frontier and portfolio optimization: Deriving the optimal portfolio given investor preferences and constraints. Diversification and its impact on risk reduction: Exploring the benefits of investing in multiple asset classes and the impact on portfolio risk. Building a diversified portfolio: Asset classes and investment styles, including equities, fixed income, alternatives, and factor investing.	
Unit III: Fundamental analysis: Understanding financial statements, and the analysis of financial statements and valuation metrics for security price estimations. Technical analysis: Price and volume analysis to predict market trends and identify trading opportunities. Valuation methods: Discounted cash flow, price-to-earnings, and other metrics to estimate a security's intrinsic value. Analyzing fixed income securities: Interest rate risk and credit risk, including bond valuation and yield curve analysis. Active vs. passive investing: The role of index funds and ETFs, and the debate between active and passive management.	
Unit IV: Measuring investment performance through traditional and modern tools and techniques. Behavioral biases and their impact on investment decision-making: Anchoring, herding, and other biases that can impact investment decisions. Monitoring investment performance: Reviewing and rebalancing portfolios, and the importance of maintaining a consistent investment strategy. Ethical considerations in investment management: Socially responsible investing, environmental, social, and governance (ESG) investing, and corporate governance.	



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Skill Development Activities:

1. Analysing the performance of a real-life investment portfolio using the concepts of MPT, CAPM, and APT.
2. Developing an asset allocation plan for a hypothetical client with specific investment goals and constraints.
3. Analysing financial statements and valuation metrics of a publicly-traded company and make recommendations.
4. Analysing the performance of a mutual fund or hedge fund and evaluate the investment manager's performance using various metrics.

Suggested Readings:

1. Bodie, Z., Kane, A., & Marcus, A. J. (2022). Investments (12th ed.). McGraw-Hill Education.
2. Graham, B., Zweig, J., & Buffett, W. E. (2021). The Intelligent Investor: The Definitive Book on Value Investing. HarperCollins.
3. Fabozzi, F. J., & Kolm, P. N. (2021). Financial Management and Analysis: Quantitative Methods and Techniques for Analyzing Financial Data (5th ed.). Wiley.
4. Reilly, F. K., & Brown, K. C. (2021). Analysis of Investments and Management of Portfolios (12th ed.). Cengage Learning.
5. Chandra, P. (2022). Investment Analysis and Portfolio Management (5th ed.). McGraw-Hill Education

Note: The schedule for case discussion shall be announced by the concerned faculty in the class



DEPARTMENT OF MANAGEMENT STUDIES

Islamic University of Science and Technology

1 – University Avenue, Awantipora, Pulwama, J&K, 192122.

Course Title: Project Appraisal & Finance

Course Code: MBA-DE-902	Max. Marks = 100 (Mid-term = 50, End-term = 50) Credits: 4 (L = 3, P = 0, T = 1)
Course Objective: <i>The subject emphasizes on developing the skills for analysis, appraisal and evaluation of investment projects using financial decision-making tools.</i>	
Course Outcomes: After attending the course, students will be able to: <ul style="list-style-type: none"> • <i>Understand the process of idea generation, screening and feasibility analysis of capital investment projects.</i> • <i>Understand the different dimensions of project analysis and the role of financial projections in evaluating investment proposals.</i> • <i>Apply various capital budgeting techniques for the risk assessment of investment opportunities.</i> • <i>Evaluate and audit capital investment projects for efficient resource allocation.</i> 	
SYLLABUS	
Unit I: Definition of Project. Concepts of Project Management: Capital Investment - Importance and Difficulties. Project Planning Process: Phases of capital budgeting; Feasibility study; Generation and screening of project ideas. Project Analysis, market, technical and financial analysis; Concept of Strategy, Corporate Appraisal; Profit Potential of Industries – Porter Model.	
Unit II: Project Analysis, Market and demand analysis, forecast future market demand, Technical analysis, Steps of the technical analysis; Financial analysis, means of finance, working capital requirements and its financing, Project Cash flows. Profitability projections, Projected cash flow statement and projected balance sheet; Environmental Appraisal of Projects Social Cost Benefit Analysis, Rationale, Fundamentals of Shadow Pricing.	
Unit III: Financial project appraisal and risk analysis: Risk and Uncertainty, Sensitivity Analysis, Scenario analysis, break-even analysis, Decision tree analysis. Analyzing Financial Projections: Techniques – Ratio Analysis, Break Even analysis, Average rate of return, Payback period, Net present value and Internal rate of return.	
Unit IV: Project Evaluation and post project evaluation. Prerequisites for successful project implementations; Network techniques for project management; Crashing of Project Network, Resource Levelling and Resource Allocation; Phases of post audit Agencies for project audit.	
Skill Development Activities: <ol style="list-style-type: none"> 1. Devise a detailed project report of any business and submit that for the financial approval from funding agencies. 2. Attend workshops and seminars conducted by industry experts to gain practical insights and keep up with the latest trends and developments in project financing and appraisal. 3. Seek internships or job opportunities in organizations involved in project financing and appraisal. 	
Suggested Readings: <ol style="list-style-type: none"> 1. Maylor, H. (2005). <i>Project Management</i>. Financial Times/Prentice Hall. 2. <i>Projects: Planning, Analysis, Selection, Implementation & Review</i> (8th ed.). Tata McGraw-Hill Publishing Company Ltd., New Delhi. 3. UN. <i>Guide to Practical Project Appraisal: Social Benefit-cost Analysis in Developing Countries</i>. Oxford & IBH. 	



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4. Jack R. Meredith, & Samuel J. Mantel Jr. (n.d.). *Project Management: A Managerial Approach*. Wiley Publications.

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DEPARTMENT OF MANAGEMENT STUDIES

Islamic University of Science and Technology

1 – University Avenue, Awantipora, Pulwama, J&K, 192122.

Course Title: International Financial Management

Course Code: MBA-DE-903	Max. Marks = 100 (Mid-term = 50, End-term = 50) Credits: 4 (L = 3, P = 0, T = 1)
Course Objective: <i>The course aims to acquaint students with international financial management, financial markets, instruments, and risk management, while also covering recent developments in green finance, digital currency, and fintech and their impact on the global financial system.</i>	
Course Outcomes: <ul style="list-style-type: none"> • <i>Students will be able to explain the importance of international finance and how it has evolved.</i> • <i>Students will be able to describe the various international financial markets and instruments and analyze recent trends and developments.</i> • <i>Students will be able to identify and evaluate different techniques for managing foreign exchange risk and financial risks in international trade and investment.</i> • <i>Students will be able to analyze and discuss emerging issues and opportunities in international finance, including the impact of green finance, digital currency, and fintech on the international financial system.</i> 	
SYLLABUS	
Unit I: Understanding the meaning, scope, and importance of International Finance Historical overview of the international financial system and its evolution Key players and institutions in the international financial system Current global economic environment and its impact on international finance, including recent developments in green finance and digital currency.	
Unit II: Overview of international financial markets (money, bond, equity, and foreign exchange markets) Understanding the key financial instruments used in international finance (derivatives, options, futures, swaps) Recent developments and trends in the international financial markets and instruments, including the emergence of digital currency.	
Unit III: Foreign exchange risk management and hedging techniques Managing financial risks in international trade and investments Capital budgeting and financing decisions in an international context Cross-border mergers and acquisitions, joint ventures, and strategic alliances The role of sustainable finance in international financial management.	
Unit IV: The global financial crisis and its impact on international finance Financial regulation and governance in the international financial system Ethical issues in international finance Emerging trends and opportunities in international finance, including the integration of green finance and fintech, etc	
Skill Development Activities: <ol style="list-style-type: none"> 1. Case study analysis of a multinational corporation affected by green finance, Covid-19, currency rate fluctuations, etc. 2. Simulation of foreign exchange trading in a virtual market environment. 3. Develop a case study on a multinational corporation's experience with managing foreign exchange risk. 4. Research project on the global financial crisis of 2008 and its impact on the international financial system. Rewritten: Research the impact of 2008 global financial crisis on international finance. 	



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Suggested Readings:

1. Bekaert, G., & Hodrick, R. J. (2021). International financial management (3rd ed.). Pearson.
2. Eiteman, D. K., Stonehill, A. I., & Moffett, M. H. (2021). Multinational business finance (15th ed.). Pearson.
3. Madura, J. (2022). International financial management (14th ed.). Cengage Learning.
4. Pilbeam, K. (2020). Finance and financial markets (4th ed.). Palgrave Macmillan.
5. Solnik, B., & McLeavey, D. (2021). International investments (11th ed.). Pearson.
6. Apte, P. G. (2021). International financial management (10th ed.). McGraw Hill Education.

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DEPARTMENT OF MANAGEMENT STUDIES

Islamic University of Science and Technology

1 – University Avenue, Awantipora, Pulwama, J&K, 192122.

Course Title: Financial Econometrics

Course Code: DM 704 FM	Max. Marks = 100 (Mid-term = 50, End-term = 50) Credits: 4 (L = 3, P = 0, T = 2)
Course Objective: <i>To acquaint students with the framework of financial econometrics and the techniques used to analyse financial data for facilitating informed decisions.</i>	
Course Outcomes: After completing the course, a student will be able to - <ul style="list-style-type: none">• <i>Demonstrate an understanding of the fundamental econometrics theory and the use of regression as an econometric technique.</i>• <i>Demonstrate knowledge of the univariate time series econometric tools and techniques.</i>• <i>Develop a basic understanding of the multivariate time series econometric tools.</i>• <i>Understand the concept of volatility and panel data analysis.</i>	
SYLLABUS	
Unit 1 Financial econometrics – concept and significance, Methodology of Econometric Analysis, scales of measurement, sample and sampling techniques, structure of financial data, Classical Linear Regression Model, functional form, Regression v/s Correlation, Concept of the Best Linear Unbiased estimators (BLUE), Basic outline of Gauss Markov (G-M) assumptions.	
Unit 2 Univariate time series analysis and forecasting – linear time series analysis – autocorrelation function (ACF) and partial auto-correlation function (PACF) – auto-regressive (AR) models, moving average (MA) models, Box-Jenkins (BJ) methodology; ARMA and ARIMA models – basics of identification, estimation and forecasting with ARIMA models.	
Unit 3 Multivariate time series analysis and forecasting – vector autoregressive (VAR) models – advantages and problems – estimation and forecasting with VAR – impulse response function – Johansen Co-integration test on VAR – Granger causality test.	
Unit 4 Modelling volatility and auto-correlation in time series – motivation and test for non-linearity – auto-regressive conditional heteroscedasticity (ARCH) model – generalised ARCH model; Panel data techniques; Fixed effects model; Random effects model.	
Skill Development Activities: <ul style="list-style-type: none">• Students will be tasked to analyse real-world problems using econometric data and methodology.• Students will be tasked to prepare brief reports on interpreting the results of econometric analysis.	
Suggested Readings Studenmund, A H. (2016). <i>Using Econometrics – A practical guide</i> . Pearson. Gujarati, D N. and Porter, D C. (2017). <i>Basic Econometrics</i> . McGraw Hill. Brooks, C. (2019). <i>Introductory Econometrics for Finance</i> . Cambridge University Press.	
Note: <i>The schedule for case discussion shall be announced by the concerned faculty in the class</i>	



DEPARTMENT OF MANAGEMENT STUDIES

Islamic University of Science and Technology

One University Avenue, Awantipora, Pulwama, J&K, 192122.

Course Title: Corporate Taxation

Course Code: MBA-DE-905	Max. Marks = 100 (Mid-term = 50, End-term = 50) Credits: 4 (L = 3, P = 0, T = 1)
Course Objective: <i>To acquaint the participant with the implications of tax structure and corporate profit planning in operational as well as strategic terms.</i>	
SYLLABUS	
Unit I: Basic Concepts of Income Tax; Residential Status of a Company, Computation of Income under Different Heads of Income, Set off and Carry Forward Loses.	
Unit II: Deductions and Exemptions in Additional Taxes on Undistributed Profits, Companies Profit Surtax Act; Computation of Tax Liability. Taxation and location of Company incentive tax incentive on location, size, nature of products and on types of activities, etc.	
Unit III: Meaning and Scope of Tax Planning and Location of Undertaking, Type of Activity, Ownership Pattern, Tax Planning Regarding Dividends Policy, Issue of Bonus Shares, Inter Corporate Dividends and Transfers.	
Unit IV: Tax Planning Relating to Amalgamation and Merger of Companies; Tax Considerations in respect of Specific Managerial Decision like Make or Buy, Own or Lease, Close or Continue, Sale in Domestic Markets or Exports; Replacements and Capital Budgeting Decisions, etc. Tax Planning in respect of Managerial Remuneration, Foreign Collaboration and Joint Ventures; Implications of Avoidance of Double Taxation Agreements	
Suggested Readings: <ol style="list-style-type: none">1. Ahuja, G K & Gupta, Ravi Systematic Approach to Income Tax. Allahabad, Bharat Law House.2. Iyengar, A C. Sampat Law of Income Tax. Allahabad, Bharat Law House.3. Kanga, J B and Palkhivala, N. A. Income Tax. Bombay, Vol. 1-3, N.M. Tripathi.4. Ranina, H P. Corporate Taxation: A Handbook. 2nd ed., New Delhi, Oriental Law House.5. Singhania V.K., Corporate Tax Planning, TMH.6. Gupta and Gupta, Corporate Taxation in India, Himalya Publishing House	
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DEPARTMENT OF MANAGEMENT STUDIES

Islamic University of Science and Technology

1 – University Avenue, Awantipora, Pulwama, J&K, 192122.

Course Title: Derivatives & Risk Management

Course Code: MBA-DE-906	Max. Marks = 100(Mid-term = 50, End-term = 50) Credits: 4 (L = 3, P = 0, T = 1)
Course Objective: <i>To provide students with a comprehensive understanding of derivatives and risk management, including their concepts, applications, and the latest trends in the field.</i>	
Course Outcomes: After attending the course, students will be able to: <ul style="list-style-type: none"> • <i>Demonstrate an understanding of the fundamental concepts and theories of derivatives and risk management.</i> • <i>Understand forward contracts, futures, pricing, and risk management in the digital age.</i> • <i>Understand options, swaps, and sustainable finance in the context of derivatives and risk management.</i> • <i>Demonstrate knowledge about risk measurement, risk management, and compliance.</i> 	
SYLLABUS	
Unit I: Concept, types, purpose, uses, and critique of derivatives. Financial and non-financial derivatives. Structure and evolution of derivative markets in India. Financial derivative products and regulatory framework. Latest issues and developments in derivatives. Emerging trends in derivatives: Blockchain technology, digital assets, ESG derivatives, and AI in trading	
Unit II: Nature and structure of forward contracts. Delivery and settlement of contracts. Role of forward markets. Types of forward contracts: equity, interest rate, bonds, currency, and commodity forward. Pricing and valuation of equity contracts. Nature of futures contracts. Role of clearing house. Daily settlement, margins, and price limits. Delivery and settlement. Types of futures: index, currency futures, commodity, and equity. Pricing and valuation of futures, Risk management in the digital age: Cybersecurity, data analytics, and algorithmic trading	
Unit III: Moneyness of options. Types of options: call options, put options, options on futures, and currency options. Pay-offs of options. Trading and risk management with options. Hedging with options. Pricing of options. Option pricing models: Black-Scholes and Binomial. Put-Call Parity and synthetic options, Concept and features of swaps. Types of swaps: currency, equity, and interest rate swaps, Sustainable finance and derivatives: Sustainable derivatives, climate risk, and impact investing	
Unit IV: Defining risk and the need for risk management. Measurement of various risks: market, interest rate, credit, currency, liquidity, insolvency, and enterprise-wide risk. Off-balance-sheet risk management. Management of derivatives exposure. Corporate and institutional risk management. Risk management and shareholder value. Capital structure and hedging. Value at Risk (VaR), back-testing, stress testing. Internal control systems, Regulatory and compliance developments: Regulatory frameworks, reporting requirements, Basel III, and crisis management	
Skill Development Activities: <ol style="list-style-type: none"> 1. Mock trading session involving forward contracts and futures. 2. Risk management workshop with risk profiling and stress testing exercises. 	



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Suggested Readings:

1. Hull, John C. (2021) *Options, Futures, and Other Derivatives*. Pearson.
2. Chance, D. M., and Roberts B. (2020) *Introduction to Derivatives and Risk Management*. Cengage Learning, 2020
3. Kolb, Robert W. (2022) *Financial Derivatives: Pricing and Risk Management*. Wiley.
4. McDonald, R L. (2020) *Derivatives Markets*. Pearson.
5. Choudhry, M. (2021). *The Handbook of European Fixed Income Securities and Derivatives*. Wiley.

Note: *The schedule for case discussion shall be announced by the concerned faculty in the class*



DEPARTMENT OF MANAGEMENT STUDIES

Islamic University of Science and Technology

1 – University Avenue, Awantipora, Pulwama, J&K, 192122.

Course Title: Islamic Finance & Investment

Course Code: MBA-DE-907	Max. Marks = 100 (Mid-term = 50, End-term = 50) Credits: 4 (L = 3, P = 0, T = 1)
Course Objective: <i>To acquaint students with the framework of the Islamic financial system and the operational mechanism of Islamic financial products and services.</i>	
Course Outcomes: After attending the course, students will be able to: <ul style="list-style-type: none"> • <i>Demonstrate an understanding of Islamic finance as an alternative system of financial intermediation.</i> • <i>Develop an insight into the distinctive characteristics of the products and services offered by Islamic banks.</i> • <i>Exhibit an understanding of the different kinds of risks faced by Islamic banks and the models of risk identification, assessment and mitigation.</i> • <i>Examine the role of various regulatory bodies in facilitating the development of an efficient Islamic financial system.</i> 	
SYLLABUS	
Unit I: The modern history of Islamic Banking and financial services, Overview of the Islamic financial industry, Principles of Islamic banking and Finance, Islamic banking Vs Conventional banking, reasons behind the prohibition of interest in Islamic finance, Monetary and Fiscal policies in an Islamic economy v/s a conventional economy, Islamic capital markets.	
Unit II: Current Account deposits (wadiyah/Qard), investment deposits, Joint venture (Musharakha) facility, types and essentials of musharakah, Mudarabah, Murabahah, essential elements of a Murabahah contract, Leasing (Ijara) facility, Deferred delivery sale (Salam) facility, Manufacture-Sale (Istisna) facility, Repurchase (Bai-al_Einah), Insurance (Kafal).	
Unit III: Concept of risk, types of risks, common risks between conventional and Islamic financial institutions, specific risks of Islamic financial institutions, Concept of credit risk in Islamic finance, credit risk valuation and mitigation, Market risk in Islamic finance: identification of market risk factors, Operational risk in Islamic finance, main elements in operational risk analysis.	
Unit IV: Legal challenges of Islamic banking and finance, developing an efficient regulatory framework. Special requirements of Islamic banking. Regulatory institutions, Role of Islamic Development Bank (IDB), Islamic Financial Services Board (IFSB), Accounting and Auditing Organization of Islamic Financial Institutions (AAOIFI), structures and variations of Shariah Supervisory Boards.	
Skill Development Activities: <ol style="list-style-type: none"> 1. Students will be required to analyse the challenges and operations of Islamic banks. 2. Students will be tasked to assess the risks faced by Islamic financial institutions. 	
Suggested Readings: <ol style="list-style-type: none"> 1. Usmani, M T. (1998). <i>An Introduction to Islamic Finance</i>. 2. Akkizidis, I. and Khandelwal, S.K. (2015). <i>Financial Risk Management for Islamic Banking and Finance</i>. Springer. 3. Schoon, N. (2019). <i>Modern Islamic Banking</i>. Wiley. 4. Salem, R A. (2013). <i>Risk Management for Islamic Banks</i>. Edinburgh University Press. 	
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DEPARTMENT OF MANAGEMENT STUDIES

Islamic University of Science and Technology

1 – University Avenue, Awantipora, Pulwama, J&K, 192122.

Course Title: Management of Financial Institutions

Course Code: MBA-DE-908	Max. Marks = 100 (Mid-term = 50, End-term = 50) Credits: 4 (L = 3, P = 0, T = 1)
Course Objective: <i>Understand financial institutions, their roles in economic development, risk evaluation, sustainable finance, and FinTech impact.</i>	
Course Outcomes: After attending the course, students will be able to: <ul style="list-style-type: none"> • <i>Gain insight into the importance of financial institutions and their role in economic development.</i> • <i>Understand the application of financial management models and evaluate risks and returns in financial institutions.</i> • <i>Explore the financial management practices of commercial banks and insurance companies, and understand the integration of sustainable finance in these institutions.</i> • <i>Examine the role of development banking, understand international financial institutions, and explore the impact of FinTech on financial institutions.</i> 	
SYLLABUS	
Unit I: Overview of Indian and International Financial Systems. Importance and Role of Financial Institutions. Financial Institutions and Economic Development. Nature and Role of Financial System. Efficiency, Stability, and Technology in Financial Markets. Government Intervention in the Financial System. Recent Developments in National and Global Fronts.	
Unit II: Application of Financial Management Models in Financial Institutions. Wealth Maximization Model and its Application to Financial Decisions. Evaluating Risks and Returns of Assets and Liabilities in Financial Institutions. Flow of Funds Analysis of Borrowing and Lending Behavior of Financial Institutions. Interest Rate Analysis and its Impact on the Financial System. Yield Curve, Risk, and Inflation.	
Unit III: Banking Law and Regulation. RBI Operations and Credit Monetary Planning. Financial Management of Commercial Banks. Provisions and Operations of Insurance Companies (Private and Public). Thrift Institutions and their Role. Working and Organization of Different Financial Institutions in India. IFCI, ICICI, IDBI, UTI, LIC, Mutual Funds. Integration of Sustainable Finance Practices in Financial Institutions	
Unit IV: Role of Development Banking in Industrial Financing in India. Capital Adequacy and Capital Planning. Growth Strategy and Financial Planning for Financial Institutions. Financial Goals and Performance Statements. Structure and Role of IMF, World Bank, and Other International Institutions. Consolidation of Financial Institutions and Recent Financial Crises. FinTech and its Impact on Financial Institutions.	
Skill Development Activities: <ol style="list-style-type: none"> 1. Group discussion and analysis of recent developments in the national and global financial fronts to explore their implications on financial institutions 2. Risk assessment exercise using financial management models and analysis of assets and liabilities in financial institutions. 	



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Suggested Readings:

1. Kidwell, David S., et al. Financial Institutions, Markets, and Money. Wiley, 2021.
2. Brigham, Eugene F., and Michael C. Ehrhardt. Financial Management: Theory and Practice. Cengage Learning, 2020.
3. Rose, Peter S., and Sylvia C. Hudgins. Bank Management and Financial Services. McGraw-Hill Education, 2018.
4. Teale, John. Insurance and Risk Management. Routledge, 2019.
5. Hussain, Simon A., and Mike Bourne. Sustainable Finance and Banking: The Financial Sector and the Future of the Planet. Routledge, 2022.

Note: *The schedule for case discussion shall be announced by the concerned faculty in the class*



DEPARTMENT OF MANAGEMENT STUDIES

Islamic University of Science and Technology

1 – University Avenue, Awantipora, Pulwama, J&K, 192122.

Course Title: Working Capital Management

Course Code: MBA-DE-909	Max. Marks = 100(Mid-term = 50, End-term = 50) Credits: 4 (L = 3, P = 0, T = 1)
Course Objective: <i>To acquaint the students with significant tools and techniques of managing cash and working capital.</i>	
Course Outcomes: <i>Students will be:</i> <ul style="list-style-type: none"> • <i>equipped to control and monitor the collection and disbursement processes, ensuring efficient working capital management within an organization.</i> • <i>able to assess the cost associated with different sources of short-term financing, developing a nuanced understanding of the financial implications and trade-offs involved</i> • <i>able to demonstrate a comprehensive understanding of receivable management and accounts payables</i> • <i>will develop the skills necessary to optimize inventory levels, minimize holding costs, and enhance overall operational efficiency</i> 	
SYLLABUS	
<p>Unit I Working Capital Concepts; Significance of Working Capital. Types of working capital, factors determining working capital, estimating working capital requirements. working capital life cycle - Role of finance manager in working capital. Importance - Factors influencing Cash Balance - Determining Optimum Cash Balance, motives for holding cash and marketable securities, managing the cash flows, Cash Budgeting - Controlling and Monitoring Collection and disbursements.</p>	
<p>Unit II Nature of working capital financing; Short-term versus long-term financing; Sources of short-term financing: accruals, trade credit, bank loan, commercial papers, accounts receivable financing (pledging and factoring), inventory financing (floating lien, chattel mortgage, trust receipt loan and warehouse financing); Factoring, Cost of sources of short-term financing; Factors to be considered in working capital financing.</p>	
<p>Unit III Receivable management: Credit Policy Variables - Credit Standards - Credit period - Cash discount and Collection efforts -Credit evaluation - Control of receivables. Accounts Payables: Management of Accounts Payables, Trade credits-terms of purchase, stretching accounts payables, Cost of Stretching A/Ps, the model of cost of stretching A/Ps, Overtrading and the need of a good information system.</p>	
<p>Unit IV Inventory Management: Need for Inventories and Importance of its Management -Techniques for managing Inventory - Economic Order Quantity (EOQ) - Stock levels - Analysis of Investment in inventory - Selective Inventory Control - ABC, VED and FSN Analysis.</p>	



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Skill Development Activities

Conduct a realistic simulation where participants manage a virtual company's working capital.

Conduct a workshop where participants analyze a company's inventory data using EOQ, stock levels, and selective inventory control techniques

Suggested Readings:

1. Bhalla, V.K. Working Capital Management: text and cases, 4th ed., Delhi, Anmol, 2001
2. Hampton J.J. and C.L. Wagner Working capital management, John Wiley and sons, 1989
3. Mannes, T.S. and J.T. Zeiflow Short-term financial management, West Pub. Co., 1993
4. Scherr F. C. Modern Working Capital Management, Prentice Hall, 1989.
5. Hrishikes Battacharya Working Capital Management strategies and Techniques Prentice Hall of India 2001.
6. Joshi R.N. Cash Management, New Age International Publishers 1999.
7. Chitnis, K.M. Working Capital Management of large Industrial units, Dastane Ramachandra and company Poona

Note: *The schedule for case discussion shall be announced by the concerned faculty in the class*



DEPARTMENT OF MANAGEMENT STUDIES

Islamic University of Science and Technology

One University Avenue, Awantipora, Pulwama, J&K, 192122.

Course Title: Financial Markets and Services

Course Code: MBA-DE-910	Max. Marks = 100 (Mid-term = 50, End-term = 50) Credits: 4 (L = 3, P = 0, T = 1)
Course Objective: <i>To impart an intensive knowledge about the use of quantitative techniques in specified financial decision making areas.</i>	
SYLLABUS	
Unit I: Application of Linear Programming; Goal Programming; Regression Analysis and Simulation Techniques in Financial Decision Making Areas; Corporate Debt Capacity Management Decision.	
Unit II: Business Failure and Reorganization- Application of Multiple Discriminant Analysis; Decision Tree Analysis; Capital Expenditure Decision Under Conditions of Risk and Uncertainty; Cost- volume profit Analysis under Conditions of Uncertainty. Leasing Vs. Borrowing Decisions; Sequencing of Decisions; Replacement Decisions.	
Unit III: Mergers and Acquisitions; Takeover code; Goodwill and Valuation of Shares; Dividend Valuation Model; Determination of the Exchange ratio; Legal and Procedural Aspects of Merger Decision.	
Unit IV: Specific Areas and Problems in the Area of Financial Decision Making; Estimation and Projection of Working Capital Decisions.	
Suggested Readings: <ol style="list-style-type: none">1. Bhalla, V.K. Financial Management and Policy. 2nded. New Delhi, Anmol, Delhi.2. Biermann, Harold .Lease Vs. Buy Decision, Englewood Cliffs, New Jersey, Prentice Hall Inc.3. Fogler,H and Ganpathy, Financial Econometrics. Englewood Cliffs, New Jersey, Prentice Hall Inc.4. Levy,H. and Sarnat H. Capital Investment and Financial Decision. Englewood Cliffs, New Jersey, Prentice Hall Inc.5. Van Horne, James C. Financial Management and Policy. Englewood Cliffs, New Jersey, Prentice Hall of Inda Markets. London, Basic Blackwell.	
Note: <i>The schedule for case discussion shall be announced by the concerned faculty in the class</i>	