

**SCHOOL OF COMMERCE**  
**Devi Ahilya Vishwavidyalaya, Indore**

**Subject Scheme and Syllabus**

**M. Com. (Accounting and Financial Control) Post Graduate Programme**  
**Session – July to December**

***Semister-1 (July to December)***

<b>M-AFC- 1011</b>	<b>Accounting for Managers</b>
<b>M-AFC-1021</b>	<b>Business Environment</b>
<b>M-AFC-1031</b>	<b>Inventory Accounting-MGMT. &amp; control</b>
<b>M-AFC-1041</b>	<b>Managerial Economics</b>
<b>M-AFC-1051</b>	<b>Quantitative Methods For Business</b>
<b>M-AFC-1061</b>	<b>Computer Application in Business</b>

# MFC - 1011

## ACCOUNTING FOR MANAGERS

### Objective

The objective of the subject is to acquaint students with concepts of Financial and Cost Accounting and help them acquire the ability to develop and use the accounting data as an aid to decision making.

### Course Contents:

1. **FUNDAMENTALS OF FINANCIAL ACCOUNTING:** Meaning and definition of accounting, Need and functions of accounting, users of accounting information, importance and limitations of accounting, Relationship of accounting with other disciplines, Accounting Principles-Concepts and Conventions, An introduction to Accounting Standards and US GAAPs.
2. **DOUBLE ENTRY SYSTEM OF ACCOUNTING:** Concept and definition, Process of Accounting, various stages of DES accounting: Journal, Ledger, Trial Balance, Preparation of Final Accounts, Adjustments in Final A/cs., Preparation of Final A/cs. With adjustments, Numerical Problems.
3. **FUNDAMENTALS OF COST ACCOUNTING:** Concept of Cost, Classification of Cost, Elements of Cost, Need for Cost accounting, Advantages and Limitations of Cost Accounting, Various techniques of Cost Accounting, Installation of Cost Accounting system, Cost reduction, Cost Control and Cost Management, Components of Total Cost, Preparation of Cost Sheet, Numerical Problems.
4. **INTRODUCTION TO MANAGEMENT ACCOUNTING:** Introduction to Management Accounting, Balance Sheet & related concepts, Profit/Loss account & related concepts, Needs, Importance and Limitations of Management Accounting, Difference between Management, Cost & Financial Accounting.
5. **ANALYSIS OF FINANCIAL STATEMENTS:** An overview of Financial Statement Analysis, Objectives, Methods and Importance, Ratio Analysis, Funds Flow Analysis, Cash Flow Analysis, Numerical Problems.
6. **COST ANALYSIS AND DECISION MAKING:** Marginal, Absorption and Differential Costing, Break Even Analysis & CVP Analysis. Budget, its meaning & types, Fixed & Flexible Budgets, Preparation of various types of Budgets, viz: Cash Budget, Production Budget, Sales & Revenue Budget Flexible Budget, Standard Costing and Variance Analysis.

**TEXT BOOKS:** Financial A/c for Management by Ambrish Gupta(Pearson Education)

Accounting for Managers by M.E.Tukaram Rao (New Age)  
Management Accounting by S.P.Gupta (Sahitya Bhawan, New

Delhi)

- REFERENCES BY:**
1. I.M.PANDEY
  2. S.K. BHATTACHARYA
  3. KHAN & JAIN

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# **MFC - 1021**

## **Business Environment**

**Objective** This course develops ability to understand and scan business environment in order to analyze opportunities and take decisions under uncertainty.

### **Course Inputs**

- 1. Theoretical Framework of Business Environment:-** Concept significance and nature of business environment ; Elements of environment – internal and external ; changing dimensions of business environment.
- 2. Economic Environment of business:-** Significance and elements of economic environment; Economic systems and business environment; Government policies-industrial policy, fiscal policy, monetary policy, Exim policy; Economic reforms: Liberalization, Privatization and Globalization.
- 3. Political and legal Environment of Business:-** Critical elements of political environment; Government and business; Changing dimensions of legal environment of India: Competition Act, FEMA and licensing policy.
- 4. Socio-Cultural Environment:** - Critical elements of socio cultural environment; Social institution and system; Dualism in Indian society and problems of uneven income distribution; Emerging rural sector in India.
- 5. International and Technological Environment:-** Multinational corporations: Foreign collaborations and Indian business; International economic institutions- WTO, World Bank, IMF and their importance to India; Policy on research and development; Technology transfer.

**MFC-1031**  
**INVENTORY ACCOUNTING –MANAGEMENT & CONTROL**

**Course Objective:**

To familiarize students with the significance of inventories as a component of working capital and to make them aware of important tools of inventory control.

**Course Inputs**

1. **Introduction:** Concept, meaning, Kinds and components of inventory; Functions of inventory; Importance of inventory management; Factors influencing inventory, Lead Time, Relevant costs- cost of ordering, cost of carrying inventory, over stocking cost; treatment of obsolete and scraps.
2. **Evaluation of Inventory Management:** Organization; Manpower planning; Methods of evaluation; Inventory turnover; Setting norms and reporting; Inventory problems.
3. **Working Capital and Inventory Management:** Inter – relationship; Profitability and inventory; Operating cycles; Liquidity requirements; Inventory and working capital ratio; Financing inventory.
4. **Inventory system Design and implementation:** Continuous v/s intermittent production system-inventoriable v/s non inventoriable system.
5. **Introduction to Inventory control:** Need, records and control approaches- tabulation approach, graphic, formula approach, limitations Cost associated with control; Formal and informal control methods.
6. **Inventory Control problems:** Economic order quantity- makes and buy; Order period, Size of order –Q system-P system; Determination of re-order point and safety stock.
7. **Statistical Techniques in Inventory Control:** Mean, mode, median, standard deviation, normal distribution, forecasting techniques- time series analysis, correlation and regressive analysis.

**MFC – 1041**  
**MANAGERIAL ECONOMICS**

**Objective:** The objective of this course is to familiarise the students with the laws of economics in relation to practical life of economy.

**Course Inputs**

1. Basic concepts in Managerial Economics. Role of economics in Management.
2. Laws of demand and supply, Elasticity of demand, Supply and substitution.
3. Laws of Returns to scale and factors, Economies of scales.
4. Different market structures, Perfect Competition, Price Out and Determination, Individual firm's Equilibrium, Monopolistic Competition-Meaning and Price Determination, Price Determination under different Oligopolistic Market structures, Managerial theories of firm.
5. Basic concept and estimation of GDP, GNP and NI; Consumption Saving and Investment Function, Income Determination in open and closed Economy.
6. Components of Money supply and Money Multiplier, Monetary and Fiscal Policy – Objectives and Instruments, Inflation, Stagflation, Recession and Trade Cycles.

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# **MFC 1051**

## **Quantitative Methods for Business**

### **Objective:**

The objective of this course is to provide application and uses of statistical methods and quantitative analysis in business and decision making.

### **Course Inputs**

#### **UNIT 1 :Introduction**

Definition and scope of statistics, Application of Statistics, Limitation and distrust of statistics, primary and secondary data, primary data collection Methods, Sources of secondary data, sampling and methods of sampling.

#### **UNIT 2 : PRESENTATION OF DATA**

Meaning of Diagrammatic presentation, Importance of diagrams, Limitation of diagram, Method of diagram Diagrammatic presentation of data : One dimensional( Simple bar diagram, Double bar diagram, Multiple bar diagram, Subdivided bar diagram), Two dimensional(Rectangle, Subdivided rectangle ,Square and Circle diagram) and Three dimensional diagram , Uses of diagram in different sectors of business.

#### **UNIT 3 : Measure of central tendency and dispersion**

Meaning of average, object of averages, Problems of different averages : Mean, Geometric mean, Harmonic mean , Mode and Median of in different series, merit and demerit of mean, median and mode. Partition values, relation between partition values. Uses of different averages. Dispersion – Meaning, Properties of dispersion, measures of dispersion, Range, Inter quartile range, Quartile deviation, Mean deviation.

#### **UNIT 4 : Probability theory**

Definition of probability, Importance of concept of Probability, additive and multiplicative theorem, Law of probability, Bay's theorem.

#### **UNIT 5 : Correlation and regression Analysis:**

Definition and significance of correlation and regression, Karl Pearson's coefficient of correlation, simple regressions multiple and partial correlation, Regression lines and finding equations regression lines, Multiple regression s, Spearman's rank correlation.

# MFC 1061

## Computer Applications in Business

### Objective:

The Objective of this course is to provide an understanding of computers, computer operating system, and application of relevant software's in managerial decision making.

1. **Introduction to Computer:** Definition, Characteristics, functions and applications of a Computer, Components of a Computer: Hardware and Software, Block diagram of a computer: Input devices, Output devices, CPU, Memory. Classification of a computer.
2. **Data representation and computer software:** Number system-Binary, Decimal, Octal, Hexadecimal and its conversion. Computer software: system software and application software.
3. **Computer Networking:** Introduction, Essential of Networks, Types of Networks, Network topologies, Types of communication, Types of transmission media, Types of connectivity devices, Internet technologies, access devices, WWW, Multimedia.
4. **Introduction to Operating System:** Definition and functions of an Operating System, Type and classification of Operating Systems. MSDOS: DOS features, External and Internal Commands.
5. **Word processing:** Introduction and working with MS-Word in MS-Office, Word basic commands, Formatting text and documents, sorting the table and searching the contents, Working with graphics, Introduction to mail-merge.
6. **Spread Sheet:** Introduction and working with MS-Excel in MS-Office, formatting, functions, chart features, working with graphics in Excel; using worksheets as database in accounting, marketing, finance and personal arers.
7. **Presentation with Power Point:** Power-point basics, creating presentation in easy way, working with graphics in Power-point, Sound effect and animation effects.

### Text Books:

1. Introduction to Computer, Alexis Leon
2. Introduction to Information Technology, Alexis Leon
3. Intoduction to Computer, Peter Norton's Galgotia Publications.

### Reference Books:

Information Technology by Dr. Sushila Madan

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**Subject Scheme and Syllabus**

**M. Com. (Accounting and Financial Control)**  
**Session – January to June**

***Semester-2 (January to June)***

<b>M-AFC-2011</b>	<b>Management Accounting and Financial Analysis</b>
<b>M-AFC-2021</b>	<b>Management Concept and Organizational Behaviour</b>
<b>M-AFC-2031</b>	<b>Corporate Financial Accounting</b>
<b>M-AFC-2041</b>	<b>Corporate Legal Framework</b>
<b>M-AFC-2051</b>	<b>Corporate Tax Planning and Management</b>
<b>M-AFC-2061</b>	<b>Database Management System</b>



# **MFC-2011**

## **Management Accounting and Financial Analysis**

### **Course Contents**

#### **Objective**

To enable the students to understand the importance of the subject through analysis and interpretation of financial statements & Application of Various Calculative Tools.

#### **Course Inputs**

**Introduction:-** Meaning Objective nature and scope of management accounting role of management accounting- relationship between financial accounting, cost accounting and management accounting accounting. Meaning and concept of financial analysis types & methods of financial analysis.

**Ratio Analysis:-** Meaning importance utility of ratios classification of ratios calculation of interpretation of ratios preparation of income statement and balance sheet with ratios.

**Funds Flows and cash flow analysis:-** Meaning concept of fund and funds flow statement uses and significance of funds flow statement procedure for preparing FFS schedule of changes in working capital statement of sources and application of funds Cash Flow analysis meaning and concept comparison between Funds Flow statements uses and significance of CFS-preparation of Cash Flow statement as per Accounting Standards.

**Budgetary Control:-** Meaning & Concept of Budgetary Control, Importance & Limitations, Types of Budgets, preparation of various types of Budgets, viz: Cash Budget, Production Budget, Purchase Budget, Sales Budget, Fixed Vs. Flexible Budgeting, Zero Base Budgeting.

**CVP Analysis & profit Planning:-** Concept of CVP analysis, Break Even analysis, Meaning & Concept, Graphical presentation of BEP, Assumptions & Limitations of BEP analysis, Numerical Problems. Meaning.

**Leverage analysis: -** Meaning & concept of leverage, operating, financial & combined leverages, calculation of various types of leverages, leverage analysis of corporate organization.

**Standard costing & variance Analysis:** Conceptual Framework.

**MFC-2021**  
**Managerial Concept & Organisational Behaviour**

**Course Contents**

**Objective: -**

The objective of this subject is to equiptant with the knowledge of Organisational Behaviour.

**Course Contents:**

1. Meaning of Managerial Concept, Nature, Need & Importance. Process of Management
2. Introduction to Organisational Behavior, Understanding of Individual Behavior.
3. Motivation, Learning, Values, Attitudes and Job Satisfaction.
4. Career Management, Leadership, Stress Management.
5. International Organisational Behavior and knowledge Management

**MFC- 2031**  
**Corporate Financial Accounting**

**Objective**

The objective of this course is to expose students to maintain company accounts as per company law and accounting standards and handling accounting adjustments related to companies.

**Course Inputs:-**

**Unit I**      **Issue and Redemption of shares and debentures :-**  
Definition of company, Characteristics of company, capital Structure, Types of the issue share, Capital and its need, types of debenture, problems related to different types of share and debenture, Redemption of preference share and debenture.

**Unit II**      **Final Account :-**  
Final account of companies according to company act 1956.

**Unit III**      **Valuation of Goodwill and Share:**  
Meaning of Goodwill, concept of goodwill, characteristics, arising, nature, factors of goodwill, Meaning of share, necessity of valuation, method of valuation of Goodwill and share.

**Unit IV**      **Amalgamation, Reconstruction of Companies :-**  
Meaning, types of Amalgamation and method of accounting for amalgamation, meaning of internal Reconstruction and types of reconstruction.

**Unit V:-**      **Accounting for Holding and subsidiary Companies :-**  
Definition of Holding and Subsidiary company, accounting entry of Holding and subsidiary company.

**References:-**

Accounting for Managers : J. Dearden and S.K. Bhattacharya  
Advanced Accountancy Vol II : S.N. Maheshwari  
Advanced Accounting : M.C. Shukla and T.S. Grewal  
Advanced Financial Accounting : R.L. Gupta  
Corporate Accounts : Dr. Ramesh Mangal  
Advanced Financial Accounting : J.R. Monga  
Financial Accounting : R. Narayan Swamy  
Finance Accounting : R.F. Neigs.

**MFC-2041**  
**Corporate Legal Framework**

**Course Contents**

**Objective :**

The Objective of this course is to familiarize students with the relevant provisions of various laws influencing business.

**Course Inputs:**

1. **Indian Contract Act, 1872:** Definitions, essentials of a valid contract, offer, acceptance, free consent, consideration, legality of object, capacity to contract, discharge of contract, consequences of breach of contract.
2. **Sale of Goods Act:** Definition, conditions and warranties; Transfer of property, right of unpaid seller.
3. **The Negotiable Instruments Act, 1881:** Definitions, types of negotiable instruments; Negotiation; Holder in due course; Payment in due course; Endorsement and crossing of cheque; Presentation of Negotiable instruments.
4. **The Companies Act, 1956:** Definitions and types of companies; Memorandum of association; Prospectus; Share Capital and membership; meetings and resolutions; Company managements; Winding up and dissolution of companies.
5. **FEMA 2000**
6. **Restrictive and Unfair Trade Practices, Consumer Protection Act:** MRTP Act 1969-monopolistic trade practices; Restrictive trade practices; Unfair trade practices; The Consumer Protection Act 1986-salient features; Definition of consumer, rights of consumer; Grievance redressal machinery.
7. **SEBI Act, 1992.**
8. **WTO:** Regulatory framework of WTO; Basic principles and charter of WTO; Provisions relating to preferential treatment to developing countries; Regional groupings; Technical standards; Anti-dumping duties and other NTBs; Custom valuation; Dispute settlement TRIPs and TRIMs.

**References:**

1. SEBI Guidelines and listing of Companies: Avadhanani V. A. Himalaya Publishing House, Delhi.
2. Indian Contract Act, 1872
3. SEBI Act 1992, Nabhi Publication , Delhi.

# **MFC-2051**

## **Corporate Tax Planning and Management**

### **Course Contents**

#### **Course Objective: -**

The objective of this course is to enhance students with concept of Tax Planning and corporate tax.

#### **Course Inputs**

1. Meaning & Types of Corporate with reference to Tax, Meaning of Dividend, Concept of Tax planning Importance, object, scope, Tax evidence avoidance, Tax management.
2. Corporate Taxation & Dividend Tax.
3. Computation of gross total income of the company with calculation of Tax.
4. **Tax Planning for New Business:** - Tax planning with reference to location & nature of organization.
5. **Tax Planning and Financial Management Decision:** - Capital structure, dividend policy, inter company dividend.
6. **Specified Tax Planning:** - SEZ, Tax planning for infrastructure and back ward areas, Tax incentives for Exporters.
7. **Tax planning** in respect of Amalgamation of companies, Investment planning

#### **References: -**

1. Ahuja G.K.& Ravi Gupta : Systematic Approach to Income Tax & Central sales tax,
2. Lakhotia,R.N. : Corporate Tax Planning
3. Singhania, V.K. : Direct Tax Planning and Management.
4. Malhotra: Income & Tax Planning
5. Saklecha & Saklecha: Income Tax Corporate Tax Planning.

## **Database management system**

**Objective:** This course provide students the basic knowledge, concept and Applications of DBMS & RDBMS in organization.

### **Unit 1:**

**Introduction-** Purpose of Database Systems, Views of data, Data Models, Database language, Database Administrator, Database Users, Overall System Structure, Different types of Database Systems.

**E-R Model:** Basic Concepts, Design Issues, Mapping Constraints, Keys, E-R Diagram, Weak Entity set, Extended E-R features, Design Of an E-R Database Schema.

### **Unit 2:**

**Normalization:** Definition, Decomposition, Basic Concepts like FD, Objectives of Normalization. Normal Forms- First, Second, Third Normal Form, BCNF, Concept of Multi Valued Dependencies.

**RDBMS** –Concept, Components, Data Integrity, Keys, Relational data Manipulations and Relational Algebra, Tuple Calculus.

### **Unit 3:**

**Transaction-** Transaction Concepts, State, Implementations of Atomicity and durability, Concurrent Executions, Serializability, Recoverability, Database recovery: Introduction, Transactions, Transaction recovery, System recovery, Two-phase commit.

### **Unit 4:**

**Concurrency control:** Introduction, Concurrency Problem, Locking, Deadlock, Serializability, Intent Locking.

### **Unit 5:**

**Structured Query Language:** Introduction to SQL, DDL, DML, and DCL statements, Creating Tables, Adding Constraints, Altering Tables, Update, Insert, Delete & various Form of SELECT- Simple, Using Special Operators for Data Access. Nested Queries & Exposure to Joins, Aggregate Functions

**PL/SQL:** Introduction to PL/SQL, PL/SQL block constructs using loops.

Reference Books :

1. Ullman J.D. : Data base management systems
2. Date C.J. : Data base management systems.
3. Alexis Leon & Mathews Leon: Data base management systems.
4. Ivan Bayross : SQL,PL

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**Subject Scheme and Syllabus**

**M. Com. (Accounting and Financial Control) Post Graduate Programme**  
**Session – July to December**

***Semister-3 (July to December)***

<b>M-AFC- 3011</b>	<b>Financial Institutions and Markets</b>
<b>M-AFC-3021</b>	<b>Project Planning &amp; Control</b>
<b>M-AFC-3031</b>	<b>Security Analyses and Portfolio Management</b>
<b>M-AFC-3041</b>	<b>Strategic Management &amp; Corp. Restructuring</b>
<b>M-AFC-3051</b>	<b>Financial Management &amp; Control</b>
<b>M-AFC-3061</b>	<b>E- Business and AIS</b>

# **MFC - 3011**

## **Financial Institutions and Markets**

**Objective** This course aims at providing students with an understanding of the structure, organization and working of financial markets and institutions in India.

### **Course Inputs**

- 1. Introduction:** Nature and role of the financial system and financial markets: Financial system and economic development; Indian financial system – an overview.
- 2. Financial Markets :** Money and capitals markets: Money market- meaning, constituents, functions of money market; Money market instruments- call money, treasury bills, certificates of deposits, commercial bills, trade bills etc; Recent trends in Indian money market; Capital market- primary and secondary markets; Depository system; Government securities market; Role of SEBI- an overview; Recent developments.
- 3. Reserve Bank of India:** Organization, management and functions; Credit creation and credit control; monetary policy.
- 4. Commercial Banks:** Meaning, functions, management and investment policies of commercial banks: Present structure-banking and e-trading; Recent developments in commercial banking.
- 5. Development Banks:** Concept, objective and functions of development banks; Operational and promotional activities of development banks, state financial corporations.
- 6. Insurance Sector:** Objectives, role, investment practices of LIC and GIC; Insurance Regulatory and Development Authority- role and functions.
- 7. Unit Trust of India:** Objective, functions and various schemes of UTI; Role of UTI in industrial finance.
- 8. Non – Banking Financial Institutions:** Concept and role of non banking financial institutions; Sources of finance; Functions of non – banking financial institutions; Investment policies of non banking financial institutions in India.
- 9. Mutual Funds :** Concept, performance appraisal and regulation of mutual funds (with special reference to SEBI guidelines) ; Designing and marketing of mutual funds schemes; Latest mutual fund scheme in India an overview.
- 10. Merchant Banking :** Concept, functions and growth; Government policy on merchant Banking services; SEBI guidelines; Future of merchant banking in India.
- 11. Interest Rate Structure:** Determinants of interest rate structure: Differential interest rate Recent changes in interest rate structure.
- 12. Foreign Investments:** Types, trends and implication; Regulatory framework for foreign investments in India.

### **References:-**

Adjani: investment and securities Markets in India, Himalaya Publications, Delhi.  
Bhole, L.M. Financial Markets and Institutions, Tata McGrahill, Delhi.  
Ghosh, D: Banking Policy in India, Allied Publications, Delhi.  
Giddy, I.H.: Global Financial Markets, A.I.T.B.S., Delhi  
Khan, M.Y.: Indian Financial System, Tata McGraHill, Delhi.  
Reserve Bank of India, Various Reports, RBI Publication Mumbai.  
Varshney, P.N.: Indian Financial system, Sultan Chand & Sons, New Delhi.  
Shrivastav R.M.: Management of Indian Financial Institution; Himalaya Publishing House, Mumbai.



**MFC - 3021**  
**Project Planning and Control**

**Objective:** The objective of the course is to enable and acquaint students with project management methods and to develop skills on project planning, analysis implementation and control.

**Course Contents:**

1. **Identification of Investment opportunities:** Project ideas, Screening of ideas, Environmental scanning and opportunity analysis.
2. **Market and Demand analysis:** Information required for market and demand analysis, Sources of information- primary and secondary, Demand forecasting.
3. **Technical Analysis:** Material and inputs, Inventory Control, Plant Location and layout, Selection of plant and machinery
4. **Cost of Projects and means of financing:** Major cost components, means of financing, Various financing schemes of financial institutions
5. **Profitability and Financial Projections:** Cost of Production, Break Even Analysis, Projected Balance sheet and Income statements
6. **Project Management and Control:** Project planning and control, human resource aspects of project management, Project control charts
7. **Network Techniques for Project Management:** Basic concept of networks, time estimation and determination of critical path, event slacks & activity floats and activity crashing.

**References:**

Prasanna Chandra: Projects Preparation, Appraisal and Implementation

**MFC - 3031**  
**Security Analyses and Portfolio Management**

**Objective:-** The objective of this course is to help students understand various issues in security analysis & portfolio management.

**Course Inputs**

1. **Investments:** Nature and scope of investment analysis, elements of investment, avenues of investment, approaches to investment analysis; Concept of return and risk: Security return and risk analysis, measurement of return and risk.
2. **Financial Assets:** Types and their characteristics, sources of financial information.
3. **Security Markets:** Primary and secondary market; Primary market-role, functions and methods of selling securities in primary market; Allotment procedure; New financial instruments.
4. **Public Issue:** SEBI guidelines on issue, size of issue, pricing of issue, promoters contribution, appointment of merchant bankers, underwriters, broker, registrar and managers, bankers and allotment of shares.
5. **Secondary market:** Role, importance, type of brokers, trading mechanism, listing of securities in stock exchanges, screen based trading; Depository-role and need; Depositories Act, 1996.
6. **Valuation of securities:** bonds, debentures,, preference shares, equity shares.
7. **Fundamental Analysis:** Economic analysis, Industry analysis and company analysis.
8. **Technical Analysis:** Trends, indices and moving averages applied in technical analysis.
9. **Efficient Market Hypothesis:** Weak, semi-strong and strong market and its testing techniques.
10. **Portfolio Analysis:** Estimating rate of return and standard deviation of portfolio, Effect of combining the securities; Markowitz optimization; Single Index Model or Market Model; Portfolio total risk, portfolio market risk and unique risk, Simple Sharpe's optimization solution.
11. **Capital Market Theory:** Capital market line, security market line, risk free lending and borrowings; Factor models; Arbitrage pricing theory, two factor and multi factor models; Principle of arbitrage portfolios.
12. **Portfolio Performance Evaluation:** Measure of return, risk adjusted measures of return, market timings, evaluation criteria and procedures.

**References:-**

Bhalla: Investment Analysis; S. Chand & Co.  
Gupta L.C. : Stock Exchange Trading in India.  
Machi Raju HR. Merchant Banking.

**MFC - 3041**  
**STRATEGIC MANAGEMENT & CORP. RESTRUCTURING**

**Objective**

The objective of this course is to enhance decision making abilities of students in situations of uncertainty in a dynamic business environment.

**Course inputs**

1. **Concept of Strategy:** Definition strategy, levels at which strategy operates: Approaches to strategic decision making: mission and purpose, objectives and goals: Strategic business unit (SBU); Functional level strategies.
2. **Environmental Analysis and Diagnosis:** Concept of environment and its components; Environment scanning and appraisal; Organizational appraisal; Strategic advantage analysis and diagnosis; SWOT analysis.
3. **Strategy Formulation and Choice of Alternatives:** Strategies- modernization, diversification, integration; Merger, take-over and joint strategies; Turnaround, divestment and liquidation strategies; SWOT analysis; Factors affecting strategic choice; Generic competitive strategies- cost leadership, differentiation focus, value chain analysis, bench marking.
4. **Functional Strategies:** marketing, production/operations and R&D plans and policies.
5. **Functional Strategies:** personal and financial plans and policies.
6. **Strategy and Structure:** Structural considerations, structures for strategic control; Techniques of strategic evaluation and control.

**References**

Bhattacharya, S.K. and N. Venkataramin: Business Enterprises: Strategies, Structures and Systems, Vikas Publishing House, Delhi.  
Budhiraja, S.B. and M.B. Athreya; Cases in Strategic Management, Tata McGraw hill, New Delhi.

# MFC-3051

## Financial Management & Control

### Course Objective

The objective of this course are to help the students learn the concepts, tools and skills of financial analysis and financial management, and application in the efficient conduct of business.

### Course Contents

1. **Introduction** : Concept, Nature, Scope, and Objective of Financial Management
2. **Ratio & Leverage Analysis** : Liquidity, Activity, Profitability and Leverage Ratios.
3. **Statement of Changes In Financial Position** : Funds Flow Statement; Total Resource Method, Working Capital Method And Cash Method, Cash Flow Analysis.
4. **Cost of Capital** : Time Value of Money, Cost of Debt, Cost of preference, cost of Equity, Weighted Average cost of capital.
5. **Capital Expenditure Decisions** : Basic Principles in estimating cost and benefits of investments. Appraisal Criteria's DCF and Non DCF Methods for Evaluating projects, Evaluating Mutually Exclusive and Independent proposals. Cash Flow estimation, Identifying relevant cash flows, Evaluating projects with unequal life, Adjusting cash flow for inflation.
6. **Working Capital** : Concept, Need and Determinants, Operating cycle approach to working capita, Inventory Management; nature of inventory and its role in working capital, types and costs associated with inventory , inventory management techniques. Receivables Management; cost of maintaining receivables, credit policy variables (credit standards, credit period, cash discounts) Cash Management ;cash forecasting and preparing cash budgets, Financing Current Assets; behaviour of current assets and pattern of financing.
7. **capital Structure Theories & Divided Policy.**

### Text Readings

1. M.Y. Khan & P.K. Jain, "Financial Management", Delhi: Tata Mc Graw Hill, 4<sup>th</sup> Edition 2000
2. I.M.Pandey, "Financial Management,"New Delhi:Vikas Publication House, 8<sup>th</sup> Ed., 2001.

**MFC-3061**  
**E-BUSINESS AND AIS**

**COURSE CONTENTS ;**

1. **E-Business** : Fundamental , E-Business framework, E-Business application, E-Business and E-commerce, Network infrastructure for E-Business, E-Business Models and its types.
2. **The Internet** : Internet and its evolution, Internet key technological concept and protocols, Internet and world wide web, its features.
3. **Inter-organization Business** :  
EDI application in business, EDI: legal, security, standardization and EDI, EDI software, VANs (Value added net works), internet based EDI.
4. **Business to Business Intermediations** :  
Virtual supply chain and supply chain management.
5. **Handling money on the net** :  
Type of E-payment, digital taken-based e- payment, smart card, credit card payment systems, risk on e-payment, credit card frauds.
6. **Electronic market place of buyers and sellers** :  
Consumer and business markets : ordering on-line, Advertisement and marketing on Internet, Offering customer product on the net, electronics customers support. Web-catalogues.
7. **Online Financial Services** :  
Online Banking, Online Insurance Service etc.
8. **AIS** : AIS introduction, use of AIS, Functions of AIS, AIS software, AIS technologies, phases of AIS development.

**Text Readings.:**

1. H. Albert Napier, ollie Rivers, Stuart Wanger, “CREATING A WINNING E-BUSINESS”, Thomson publication, 2007
2. Ravi Kalakotta & Whinston B., “**Frontiers of E-Commerce**”,Addison-wesley, New Delhi, 2000
3. Kenneth C.Laudon, CG, Traver, “E-commerce business, Technology, Society”, Person Education, 2003

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**Subject Scheme and Syllabus**

**M. Com. (Accounting and Financial Control)**  
**Session – January to June**

***Semester-2 (January to June)***

<b>M-AFC-4011</b>	<b>International Finance</b>
<b>M-AFC-4021</b>	<b>Management Information and Control System</b>
<b>M-AFC-4031</b>	<b>International Business Environment</b>
<b>M-AFC-4041</b>	<b>Derivatives and Risk Management</b>
<b>M-AFC-4051</b>	<b>Advanced Auditing</b>
<b>M-AFC-4061</b>	<b>Project Report and Viva-Voce</b>

**MFC-4011**  
**INTERNATIONAL FINANCE**

**Course Contents**

**Objectives:**

This course helps students understand the conceptual framework of International finance and use thereof in making financial decisions.

**Course Inputs:**

- 1. International Monetary and Financial System:** Importance of international finance; Bretton woods conference and afterwards, IMF and the World Bank; European monetary system – meaning and scope.
- 2. Balance of Payment and International Linkages:** Balance of payments and its components; International flow of goods, services and capital; coping with current account deficit.
- 3. International Financial Markets and Instruments:** International capital and money market; Money and capital market instruments; salient features of different international markets; Arbitrage opportunities; Integration of markets; Role of financial intermediaries.
- 4. Foreign Exchange Markets:** Determining exchange rates; Fixed and flexible exchange rate system; Exchange rate theories; Participants in the foreign exchange markets; Foreign exchange market – cash and spot markets; Exchange rate quotes; LERMS; Factors affecting exchange rates – spot rates, forward exchange rates, forward exchange contracts; Foreign exchange and currency futures; Exchange rate arrangement in India; Exchange dealing and currency possession; information and communication; Foreign exchange trades.
- 5. Foreign exchange Risk:** Transaction exposure, translation exposure and economic exposure; Management of exposures- internal techniques, netting, marketing, leading and lagging, pricing policy, asset and liability management and techniques.
- 6. Management of Risk in Foreign Exchange Markets:** Forex derivatives- swaps, future and option and forward contracts.
- 7. International Capital and Money Market Instruments :** GDRS, ADRs, IDRs, EURO bonds, Euro loans, Repos, CPs, floating rate instruments, loan syndication and Euro deposits.
- 8. Multilateral Financial Institutions :** Role of IMF, IBRD and other development banks; International investors and foreign investment institutions.
- 9. Current Developments :** International indebtedness; Capital account convertibility- pros and cons; Innovations in international financial instruments.

**References :-**

1. Apte, P.G. International Financial Management, Tata McGraw Hill, New Delhi,
2. Buckley, Adrian: Multinational Financial, Prentice Hall, New Delhi.
3. Eitman, D.K. and A.I. Stenehill: Multinational Business cash Finance, Addison Wesley, New York.

# **MFC-4021**

## **MANAGEMENT INFORMATION & CONTROL SYSTEM**

### **Course Contents**

#### **Objectives**

The objective of the course is to develop an understanding of structure and role of management information systems in business.

#### **Course Inputs:**

- 1. Introduction :** Concept, evolution and meaning of MIS; Goals of MIS; Information system for competitive advantage; Systems approach to problem solving; Challenges in the development of MIS, MIS function in an organisation.
- 2. Information and Managerial Effectiveness :** Information as a corporate resource, pervasiveness of information, types of information – operational, tactical and strategic; Levels of management and information needs of management; Process of generation information; Quality of information; Information systems for finance, marketing, manufacturing, research and development and human resource areas.
- 3. Information systems :** Information systems and their role in business systems, changing role of information systems, users of information systems; Types of information systems – transaction processing systems, MIS decision support systems, executive support system; Enterprise Resource Planning (ERP) system, geographical information system, business expert system, etc; Procurement options and outsourcing information system services.
- 4. System Development Life Cycle:** Sequential Process of software development; Computer Aided Software Engineering (CASE); Tools and the nodular approach to software development ; Information system audit.
- 5. Development and Management of Data Bases:** Relational databases; Data Base Management System (DBMS) and their components; concept of entity and relationships; Data dictionary, SQL and other related concepts in DBMS; Normalisation process.
- 6. Data Communication and Networking :** Uses of computer network, types of networks, network topologies; Network media and hardware; Data Communication over telephone; Intranets and collaborative processing.
- 7. Implementation, Evaluation and Maintenance of System:** Methods and steps in implementation of system; Approaches and process of evaluating MIS.
- 8. Security Issues Relating to Information Systems :** Threats to information systems; Vulnerability, risk and control measures.

#### **Reference:**

1. Awad, E.M. System Analysis and Design; Galgotia Publications, New Delhi.
2. Charles S. Parker; Understanding Networking and the Internet, Dryden Press.
3. Judith R. Gordon and Steven R. Gordon, Information System: A Management Approach, Dryden Press, Illinois.



4. Kumar, Munesh; Business Information System, Vikas Publication House, New Delhi.

## **MFC-4031**

### **INTERNATIONAL BUSINESS ENVIRONMENT**

### **Course Contents**

#### **Course Objective**

The objective of this course is to familiarize the student with the environmental factors which have profound impact on export import business and to explain how to adjust with changing macro-micro environmental situation.

#### **Course Contents**

1. **International Business Environment:** An Overview : Nature, importance and scope; Environmental analysis – economic, geographic, socio-cultural, commercial, legal and political environments.
2. **Theoretical Foundation of International Business:** Theories of international trade; gains from international trade; Balance of Payments analysis.
3. **Instruments of Commercial Policy:** Tariff and non-tariff measures; arguments for and against protectionism.
4. **Current Trends and issues in international Trade:** Patterns and structure of World Trade; Trade in services
5. **Foreign Investment:** Types, motives and effects; present structure of Foreign Direct Investments.
6. **Multi-National Corporation:** Nature, role, types and operation; policy towards MNCs; transfer of technology.
7. **Regional Economic Integration:** Forms of integration, regional economic groupings in practice – EU, NAFTA, SAPTA, ASEAN, and SAARC.
8. **International Economic co-operation, Institutions and Agreements:** WTO, World Bank; IMF; UNCTAD; GSP; Commodity Agreements

#### **Books (Text)**

1. Essentials of Business Environment – K. Aswathappa
2. Business Environment – Francis Cherunilam
3. Business Environment – Chopra, R.K.
4. Legal Environment of Business – K. Aswathappa

5. Government Grading in India & France – IIFT
6. Marketing Segmentation – S.A. Sherlekar

## **MFC-4041**

### **Derivatives and Risk Management**

#### **Course Contents**

##### **Objective:-**

This course students to the application of various tools and techniques of financial risk management.

##### **Course Impetus-**

1. **Introduction:** Meaning and purpose of derivatives; Forward contracts, future contracts options, swaps and other derivatives; type of traders; Trading future contracts Specification of the future contracts; Operation of margins; Settlement and regulations.
2. **Sources of Financial Risk:** Credit vs. market, default risk, foreign exchange risk, interest rate risk, purchasing power risk, etc.; Systematic and non systematic risk.
3. **Options:** Types of options; Option trading; Valuation of put options; Binomial Option pricing Model; Black-Scholes model for Call Options put options; Index options; Option markets-exchange traded options, over-the-counter options.
4. **Futures:** Future contracts; Future markets – margins, trading, future positions and taxation; Future prices and spot prices: Future vs. options.
5. **Swaps:** Mechanics of interest rate swaps, valuation of interest rate swaps; Currency swaps and its valuation; Credit risk and swaps.
6. **Managing Market Risk:** Hedging schemes- delta hedging, theta, gamma; Relationship in delta, theta and gamma; Portfolio insurance.
7. **Derivatives Market in India:** Present position in India- regulation, working and trading activity.



**MFC-4051**  
**Advanced Auditing**

**Course Contents**

1. Meaning of Auditing and Advantages to different sectors of society scope of Auditing.
2. P.B.A. and Audit Programme, Internal check and control.
3. Verification and valuation of Assets, Depreciation and Reserves.
4. Appointment, Remuneration, Rights and Duties of an Auditor, Professional ethics and code of conduct.
5. Company Audit, Co-operative Audit and Audit of Public enterprises. Audit Standards, Audit of Public enterprises. Audit standards, Chartered Accounts Act. 1949.

**References:-**

1. Hister Auditing : Dr. T.R. Sharma
2. Advanced Auditing: R.G. Suloman.
3. Audit trends in India: Dr. G.L.Balu.
4. Company Audit: Prof. K.G. Raman.