

**Syllabus
For
Masters of Commerce (M.Com)**

Under

*Tripura University Rules & Regulations for the Integrated Masters' Degree
Programme in the Choice Base Credit System (CBCS)*



**Department of Commerce
Tripura University
(A Central University)
2020**

[https://www.tripurauniv.ac.in/Page/departmentsDetailsHome/21-
DepartmentsHome](https://www.tripurauniv.ac.in/Page/departmentsDetailsHome/21-DepartmentsHome)

M.Com Course Structure, 2020

Semester I

Course Code	Name of the Course	Type of Paper	Credit
COMM701C	Corporate Accounting and Reporting	CC	4
COMM702C	Organisational Behaviour and Human Resource Management	CC	4
COMM703C	Business Statistics	CC	4
COMM704C	Entrepreneurship Dynamics and New Venture Creation	SEC	4
Any <u>ONE</u> Paper from the following:			
COMM705E	Banking and Insurance	GE	4
COMM706E	Corporate and Allied Laws	GE	4
<u>Total Credit (I)</u>			20

Semester II

Course Code	Name of the Course	Type of Paper	Credit
COMM801C	Strategic Financial Management	CC	4
COMM802C	Marketing Management	CC	4
COMM803C	Managerial Economics	CC	4
COMM804C	Business Analysis Using Spreadsheet (Practical)	CSK-II	4
Any <u>ONE</u> Paper from the following:			
COMM805E	International Business	GE	4
COMM806E	Business Ethics and Corporate Governance	GE	4
<u>Total Credit (II)</u>			20

Semester III

Course Code	Name of the Course	Type of Paper	Credit
COMM901C	Direct Tax and Tax Planning	CC	4
COMM902C	E-Commerce	SEC	4
<i>Select any ONE Group either Accounting or Finance, consisting of Four (4) papers, Two (2) in Semester III and Two (2) in Semester IV(Only for Students of Department of Commerce)</i>			
Group A: Accounting; OR			
COMM913E	Group A: Accounting Theory	DSE	4
COMM914E	Group A: International Accounting	DSE	4
Group B: Finance			
COMM923E	Group B: Working Capital Management	DSE	4
COMM924E	Group B: International Financial Management	DSE	4
Any ONE Paper from the following:			
COMM905E	Operations Research	DSE	4
COMM906E	Strategic Management	DSE	4
Total Credit (III)			20

Semester IV

Course Code	Name of the Course	Type of Paper	Credit
COMM1001C	Cost and Management Accounting	CC	4
COMM1002C	Research Methodology	CC	4
<i>Students who have selected Group A in Semester III will take Group A Papers and Students who have selected Group B in Semester III will take Group B Papers, respectively (Only for Students of Department of Commerce)</i>			
Group A: Accounting; OR			
COMM1013E	Group A: Auditing and Assurance Services	DSE	4
COMM1014E	Group A: Financial Accounting Practices	DSE	4
Group B: Finance			
COMM1023E	Group B: Financial Market and Services	DSE	
COMM1024E	Group B: Security Analysis and Portfolio Management	DSE	4
Dissertation/Term Paper			
COMM1005C	Dissertation/ Term Paper/ Internship and Viva-voce	CC	4
Total Credit (IV)			20
Total Credit of the Course (I+II+III+IV)			80

Abbreviations:

GE: Generic Elective**CSK-II:** Computer Skill II**CC:** Core Course;**DSE:** Discipline Specific Elective**SEC:** Skill Enhancement Elective Course;

COMM701C: Corporate Accounting and Reporting

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents

- Aims and objectives of corporate financial accounting and reporting; Issues and problems with special reference to published financial statements; Structure of company accounts, Valuation of assets, liabilities and shares.
- Consolidated Financial Statements; Accounting for Business Combinations; Fair Value Measurement, Accounting for companies in financial distress.
- Accounting Standards in India; Presentation of Financial Statements, Inventories, Statement of Cash flows, Accounting Policies, Changes in Accounting Estimates and Errors, Events after the Reporting Period, Recognition and Measurement of Intangible Assets, Analysis and interpretation of published accounts.
- Financial Reporting by Mutual funds, Non-banking finance companies, Merchant bankers, Stock and commodity market intermediaries.
- Human Resource Reporting; Inflation Accounting.
- Developments in Financial Reporting: Value Added Statement, Economic Value Added; Social Responsibility Reporting; Environmental Accounting; Brand Accounting.

Suggested Readings:

- *Ahmed, N., Khan, N. A., & Kumar, R. Fundamentals of Corporate Accounting. New Delhi: Ane Books Pvt Ltd.*
- *Goyal, V. K., &Goyal, R. Corporate Accounting. New Delhi: Prentice Hall India.*
- *Maheshwari , S. N., &Maheshwari , S. K. Corporate Accounting. New Delhi: Vikas Publishing Company Ltd.*
- *Mukherjee, A., &Hanif, H. Corporate Accounting. New Delhi: Tata McGraw Hill.*
- *Rajasekaran, V., &Lalitha, R. Corporate Accounting. New Delhi: Pearson.*
- *Verma, K. K. Corporate Accounting. New Delhi: Excel Books.*

COMM702C: Organisational Behaviour and Human Resource Management

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

Organisational Behaviour

- The concept of organisation- meaning and context.
- Organisational behaviour-organisational behaviour in the global context.
- Objectives and goals of the study of Organisational Behaviour. The organisational system – foundations of organisational structure, organisational culture.
- Foundations of individual behavior, Perception.
- Groups in the organisation – foundations of group behavior- stages of group development- group decision making.
- Organisational power and politics.
- Organizational change and conflict management.

Human Resource Management

- Human Resource Management (HRM) – concept, role and functions;
- Human Resource Planning, Recruitment and Selection; Training and Development; Career planning and succession; Compensation, Performance appraisal;
- Industrial Relations, Health, Safety, Welfare and Social Security; Workers' Participation in Management

Suggested Readings:

- *Robbins, Stephen P: Organizational Behavior, Prentice Hall, New Delhi.*
- *K. Aswathappa: Organizational Behavior, Himalaya Publishing House, New Delhi.*
- *Ivancevich; John and MicheolT.Matheson: Organizational Behavior and Management, Business Publication Inc., Texas.*
- *Fred Luthans, "Organization Behavior", McGraw Hill, Millennium Ed.*
- *Streers, Richard M. and J. Stewart Black: Organizational Behavior, Harper Collins, College Publishers, New York.*
- *Gupta, C. B. Human Resource Management. New Delhi: S. Chand & Sons.*
- *Prasad, L. M.. Humar Resource Management. New Delhi: Sultan Chand & Sons.*
- *Rao, V. P. Human Resource Management. New Delhi: Excel Books.*

COMM703C: Business Statistics

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

Probability and Probability Distributions: Definition of Probability- Unconditional Probability statement, Conditional Probability statement and its implications, Bayes Theorem and its applications, Joint Probabilities and its implications, Mathematical Expectations, Theoretical Probability Distributions – Binomial, Poisson and Normal (Their Characteristics and Applications in Business).

Sampling Distributions and Estimating: Concept of Population and samples, Types of Sampling, Sampling and Sampling Distributions, Sampling from a Population, Sampling Error and Non-sampling Error, Selection of a Random Sample, Sampling of variables- small and large samples, Sampling of Attributes, Population Point Estimation and Population Interval Estimation, Some other continuous Probability distribution based on Normal Population

Hypothesis Testing: Concept and Errors of Hypothesis Testing, Hypothesis Test Construction and Testing Procedure. Parametric vs. non-parametric tests of difference, Parametric Tests. Some non-parametric (distribution free) Tests

Chi-square Tests and Factorial Experiments: Chi-Square Tests- Tests of association and Tests of Goodness of Fit , Concept and Types of factorial experiments, Single Factor Experiments- Single factor (or one-way) ANOVA, Kruskal-Wallis test, Two factor experiments with No Replication- Two-way ANOVA with no repeated measures (or one factor with repeated measures), Friedman's Test, Two factor experiments with Equal Replication- Two-way ANOVA with equal replications, Friedman's Test with equal replicates in each cell

Forecasting Techniques: Linear Correlation Analysis- Scatter Plot, Covariance, Pearson's Correlation Coefficient (r), Spearman's rank Correlation Coefficient (r_s), Testing the significance of ' r ' and ' r_s ' Linear Regression Analysis- Sample versus Population Regression Models, The Least-Square estimation of α and β , the standard error of estimate and the coefficient of Determination, test of significance of α and β , test of significance of p

Suggested Readings:

- Mathai, A. M., and P. N. Rathie. *Probability and Statistics*. Macmillan India Ltd., New Delhi, 1975.
- Lee, Cheng F., John C. Lee, and Alice C. Lee. *Statistics for business and financial economics*. Singapore: Springer World Scientific, 2000.
- Aczel, A. D. "i Sounderpandian, J.(2009)." *Complete Business Statistics*. Mcgraw-HillCos.In. Boston, 2009.
- Mustafi, C. K. *Statistical Methods in Managerial Decisions*, Macmillan India Inc., New Delhi, 1981

COMM704C: Entrepreneurship Dynamics and New Venture Creation

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

- Entrepreneurial Dynamics- Concepts, new dimension.
- New venture creation- concept, procedural steps.
- Status of ventures in India.
- Concepts of entrepreneurship and characteristics of entrepreneur
- Theories of entrepreneurship.
- Legal, Social, Cultural and Economic environment of entrepreneurial activities
- Women entrepreneurs.
- Creativity and its process -Techniques of generating Idea- creating. shaping and recognizing opportunity- Screening Business Opportunities & Ideas
- What needs to start a business- business plan: creating and starting a venture; Importance, scope and value of a business plan to investor
- Forms of Business in Perspective- Importance & understanding of key Financial Statements- Balance Sheet- income Statement- Cash Flow Statement- Fund Flow Statement- Capital Budgeting- Break-Even point- Ratio Analysis.

Suggested Readings:

- *Holt, David. H., Entrepreneurship: New Venture Creation. Pearson Education India, New Delhi, 2016.*
- *Hisrich, Robert D.; Peters, Michael P.; Shepherd, Dean A., Entrepreneurship. McGraw Hill Education, 2018.*
- *Roy, Rajeev. Entrepreneurship. Oxford University Press, 2011.*
- *Timmons, Jeffrey; Spinelli, Stephen. New Venture Creation. McGraw Hill Education, 2017.*
- *Kumar, Arya. Entrepreneurship: Creating and Leading an Entrepreneurial Organization. Pearson Education India, 2012.*

COMM705E: Banking and Insurance

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

Banking

- Introduction to Banking: Brief History, Business of Banking, Types of Banks, Function of Banks, Sources of Bank's Income, Annual Report and Balance Sheet of a Bank.
- Indian Banking System: Structure of Indian Banking System, Public Sector Banks, Private Sector Banks, Local Area Banks, Indian Banks, Foreign Banks, Regional Rural Banks, Cooperative Banks.
- Banking Regulation and Legislation: Reserve Bank of India (RBI), RBI's Constitution and Objectives, RBI's Main Functions; Important Laws.
- Commercial Banking: Banker-Customer Relationship, Bank Deposits, Loans and Advances, Priority Sector Lending, Payment and Collection of Cheques and Other Negotiable Instruments, Ancillary Services, Risk Management; Financial Inclusion; New Concepts in Banking.
- Banking Technology: Core Banking, Electronic Payments Systems, Electromagnetic Cards, Electronic Banking, Signature Storage and Retrieval System, New Age Clearing, New Age Payment.

Insurance

- Introduction to Insurance: Definition and Nature of Insurance, Evolution of Insurance, Functions of Insurance, Role and Importance of Insurance, Principles of Insurance, Insurance Contract.
- Insurance in India: Life Insurance; General Insurance: Fire Insurance, Marine Insurance, Motor Vehicle Insurance, Health Insurance and other miscellaneous insurance.
- Insurance Regulation and Insurance Legislation: Insurance Regulatory and Development Authority of India (IRDAI), Duties, powers and functions of IRDAI; Important Laws.
- Principles and Process of Insurance Business: Reinsurance, Insurance Pricing, Underwriting, Claim Settlement, Channels of Distribution.

Suggested Readings:

- *Gulati, N. C. (2007). Principles Of Insurance Management: A Special Focus On Developments In Indian Insurance Sector. New Delhi: Excel Books.*
- *Iyengar, V. (2007). Introduction to Banking. New Delhi: Excel Books.*
- *Machiraju, H. (2012). Modern Commercial Banking. New Delhi: New Age International.*
- *Mohapatra, S. R., & Acharya, D. (2012). Banking and Insurance. New Delhi: Pearson.*
- *Sethi, J., & Bhatia, N. (2012). Elements of Banking and Insurance. New Delhi: PHI Learning Pvt. Ltd.*

COMM706E: Corporate and Allied Laws

Marks: 50 (Theory = 35, Internal Assessment = 15); Credit: 2

Contents:

- Provisions of the Companies Act relating to: Rules of Interpretation of Statutes, Deeds and Documents; Types of Companies; Share capital; Board composition and functioning; Inter corporate loan and investment; Loans and borrowings from Directors (sec-185)
- Provisions of the Companies Act relating to: Meetings of directors and shareholders; Drafting of minute of meetings and resolutions; Accounts and audit; Annual Compliances
- Important provisions with reference to Labour Laws
- Role and Functions of SEBI and Important provisions of SEBI Act, 1992; Securities And Exchange Board Of India (Listing Obligations And Disclosure Requirements) Regulations,
- Foreign Exchange Management Act, 1999 (FEMA)
- Main Provisions of Competition Act-2002, Consumer Protection Act, 1986
- Emerging trends in Corporate and Allied Laws

Suggested Readings:

- *Jain D. K, Company Law Ready Reckoner, Bharat Law House Pvt. Ltd, New Delhi.*
- *Sharma J. P, Simplified Approach to Labour Laws Bharat Law House Pvt. Ltd, New Delhi.*
- *Singh Avtar, Introduction to Labour & Industrial Law, Wadhwa and Company, Nagpur.*
- *G K Kapoor Sanjay Dhamija, A Comprehensive Text Book on Companies Act 2013, Taxmann.*

COMM801C: Strategic Financial Management

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

- **Financial Policy & Corporate Strategy:** Financial Management, Corporate Strategy, Strategic Financial Management (SFM), Interface of financial policy with corporate strategic management, strategic decision making framework, financial forecasting – concept, benefit & techniques.
- **Project Planning & Control:** Capital investment process and kinds of projects, project organization structure, stages in setting up of a project, cash flow estimation – Detailed Project Report (DPR), project appraisal by Financial Institutions. Cost of project and means of finance, discounting and non-discounting techniques of appraisal.
- **Risk evaluation in capital budgeting:** Decision making under risk and uncertainty, Risk management, Probability Analysis , DTA, Sensitivity analysis, best and worst estimates, Standard Deviation (SD) & Coefficient of Variation (CV), Certainty Equivalent (CE) approach.
- **Lease Decisions:** Concept, Methods – lease rent calculations and practice.
- **Merger & Acquisitions (M&A):** Types, motives, stages, tax planning, practice.
- **Corporate sickness:** Concept, causes, Altman’s model, Treynor model and practice.

Suggested Readings:

- *Strategic Financial Management: Ravi M. Kishore, Taxmann Publications Pvt. Ltd., New Delhi, latest edition.*
- *Strategic Financial Management: J. B. Gupta,, Taxmann Publications Pvt. Ltd., New Delhi, latest edition.*
- *Strategic Financial Management: A. N. Sridharan, TaxmannShroff Publishers and Distributors Pvt. Ltd, Mumbai, latest edition.*
- *Strategic Financial Management: V. Patabji Ram, S. D. Bala, Snow White Publications Pvt. Ltd., Mumbai, latest edition.*
- *Strategic Financial Management: P. Chandra, McGrawhill Publications, New Delhi.*

COMM802C: Marketing Management

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

- Concepts, Nature, Scope & Importance of marketing; Types of marketing; Marketing Mix.
- Market segmentation, Buyers behaviour: Household & organizational buyers; Consumers decision making process.
- Product Decisions Process of decision, Concept of product; classification of products; Major product decision: Product line & product branding; packaging & labeling; Product Life Cycle: Strategies & implications; New product development & adaptation process.
- Factors affecting price determination; pricing situation, pricing process, pricing policies & strategies. Discounts & rebates.
- Promotion decisions: Communication Process; Promotion Mix: Advertising, Personal selling; Sales promotion: Publicity & Public relations; Sales promotion – tools & techniques; Advertising: Copy designing & testing, Media selection; Advertising effectiveness: Meaning & Concepts.
- Distribution Decisions: Distribution & channels & physical distributions; Nature, Functions & types of distribution channels; channel Management: Retailing & wholesaling.
- Marketing Research & Issues in marketing: Meaning & scope of marketing research; Marketing research process.
- Social, ethical & legal aspects of marketing, International Marketing, Digital Marketing

Suggested Readings:

- *Jayachandra, S. Marketing Management. New Delhi: Excel Books.*
- *Kothler, P. Marketing Management. New Delhi: Prentice Hall.*
- *Ramaswamy, V. S., & Namakumari, S. Marketing Management:Global Perspective. Mac Millan Publishers India Ltd.*

COMM803C: Managerial Economics

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

- Managerial Economics- Definition, nature, scope, relation with other discipline; basic mathematical preliminaries.
- Consumer Behaviour- Determination of demand; the type of goods and the demand function; Estimation and forecasting of demand.
- Theory of Production: production function, concept of productivity, isoquants, ridge lines, isoclines; isocost lines, expansion path; some empirical production functions; estimation of production functions.
- Theory of Cost: Classification of costs, short run and long run cost functions; law of variable proportion, return to scale, economies of scale, economies of scope; Estimation of cost function; Problem of estimating cost and production functions; Duality between production and cost functions; Efficiency of the firm; Input-Output Analysis.
- Price and output relationship under different market structures: perfect competition, monopoly, discriminating monopoly, monopolistic competition, oligopoly; game theory and oligopolistic behaviour; relating the structure with the market situations; economics of advertisement costs, barrier to entry; different pricing strategies in practice.
- Firm and its objectives: theories of the firm, managerial theories, behavioural approaches; relevance of profit maximization in the modern context.
- Economics of information: symmetric and asymmetric information; risk and uncertainty and the decision making; concept of risk, risk-return evaluation, risk preference, risk aversion, adjusting business decision for risk.

Suggested Readings:

- *Ravindra H. Dholakia and Ajay N. Oza, (1996), Micro Economics for Management Students, Oxford University Press, New Delhi.*
- *Baumol, William, J., Economic Theory and Operations Analysis, Prentice-Hall of India Pvt. Ltd., New Delhi.*
- *Barthwall, R. R.,(2010) Industrial Economics (Third Ed.), New Age International Publishers., New Delhi.*
- *Paul, G., Keat Philip K, Y. Young, Sreejata Banerjee,(2006), Managerial Economics Economic Tools for Today's Decision Makers, Fifth Edition, Pearson Education India Pvt. Ltd., New Delhi.*
- *Ramesh, C, Das, (2011), Microeconomics, KunalBooks., New Delhi.*

COMM804C: Business Analysis Using Spreadsheet (Practical)

Marks: 100 (Practical= 70, Internal Assessment = 30); Credit: 4

Contents:

- **Introduction:** Loading a spreadsheet; Entering Data and Formatting; Handling ASCII data- fixed width and delimited format; Performing Basic calculations- Mathematical functions, coordinate geometry, Basic Statistical Functions, Basic Financial Functions
- **Introduction to R Software:** Basics of R Software
- **Visualizing and Presenting Data:** Types of Data Variable, Presentation of Data in Tabular Form; Presentation of Data in Chart Form ; Presentation of Data in Graphical Form
- **Descriptive Statistics:** Concept and Types of Data Description; Measure of Central Tendency; Measures of Dispersion; Measures of relative Positions; Measures of Shapes; Exploratory Data Analysis
- **Inferential Statistics:** Probability, Probability Distribution; Sampling and Sampling Distributions; Estimation; Testing of Hypothesis, Chi-square Tests & ANOVA; Some Non-parametric Tests
- **Forecasting Techniques:** Linear Correlation Analysis; Linear Regression Analysis; Time Series Data Analysis
- **Multiple Linear Regressions:** Introduction to Multiple Linear Regression- Assumption, Model; Multicollinearity-Definition and Effect, Rules of Thumb in Determining the Degree of Collinearity; Heteroscedasticity-Definition and Concept, Evaluating the Existence of Heteroscedasticity; Autocorrelation- Basic Concept, The Durbin–Watson Statistic; Model Specification and Specification Bias
- **Basic Accounting concepts using R Software:**

Suggested Readings:

- *Davis, Glyn, and Branko Pecar. Business statistics using Excel. Oxford University Press, 2013.*
- *Lee, Cheng F., John C. Lee, and Alice C. Lee. Statistics for business and financial economics. Singapore: Springer World Scientific, 2000.*
- *Sah, Ash Narayan. Data Analysis Using Microsoft Excel. Excel Books, New Delhi. 2009.*

COMM805E: International Business

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

- **Introduction to International Business:** Importance, nature and scope of international business; Modes of entry into International Business; Internationalization process and managerial implications;
- **International Business Environment:** Economic, Political, Cultural and Legal environments in International Business. Framework for analyzing international business environment
- **Theoretical Foundations of International Trade:** Reasons for international trade; theories of international trade; Gains from trade; foreign trade multiplier; Terms of trade.
- **International liquidity, International Economic Institutions:** IMF, World Bank IFC, IDA, ADB.
- GATT, GATTS and Recent Development and future prospects in removing the trade barriers, World Trade Organization, UNCTAD, EU, ASEAN Functions and policies.
- **Balance of Payments:** Meaning, Principles and Conceptual Framework, Components of Balance of Payments, Balance of Payment Disequilibrium- Factors and Methods of Correcting Disequilibrium.
- **Multinational Corporations (MNCs):** Meaning, Organizational Models, Importance and Dominance of MNCs, Code of Conduct; Technology Transfer.
- **Problem of third world in a global economy; Concerns about impact on domestic firms, Suggestions.**
- **Regional Economic Integration**
- **Trade Policy and Performance of India:** Foreign Trade Policy; Regulation and Promotion of Foreign Trade; Composition and Direction of Foreign Trade.
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Suggested Readings:

- Aswathappa, K. (2010). *International Business*. New Delhi: Tata McGraw Hill.
- Cherunilam, F. (2010). *International Business*. New Delhi: PHI Learning Private Limited.
- Hill, C. W., & Jain, A. K. (2008). *International Business*. New Delhi: Tata McGraw Hill.
- Neelankavil, J. P., & Rai, A. (2009). *Basics of International Business*. New York: Routledge.
- Sharan, V. (2009). *International Business: Concept, Environment and Strategy*. New Delhi: Pearson Education.
- Sinha, P. K., & Sinha, S. (2008). *International Business Management: A Global Perspective*. New Delhi: Excel Books.

COMM806E: Business Ethics and Corporate Governance

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

- **Business Ethics:** The concept of ethics; ‘ethics’ and related connotations; business values and ethics; concept of business ethics; various approaches to business ethics; ethical theories; ethical governance; social responsibility –an extension of business ethics; the concept of corporate ethics; benefits of adopting ethics in business; ethics programme; code of ethics; ethics committee.
- **Conceptual Framework of Corporate Governance:** Evolution of corporate governance; developments in India; regulatory framework of corporate governance in India; SEBI guidelines and clause 49; reforms in the Companies Act; secretarial audit; class action; NCLT; insider trading; rating agencies; green governance/e-governance; shareholders’ activism; corporate governance in PSUs and banks; legislative framework of corporate governance –an international perspective (United Kingdom, USA, Australia, China, Russia, South Africa).
- **Corporate Management:** Management vs. Governance; internal constituents of the corporate governance; key managerial personnel (KMP); chairman - qualities of a chairman, powers, responsibilities and duties of a chairman; chief executive officer (CEO), role and responsibilities of the CEO; separation of roles of chairman and CEO; CFO; manager; company secretary; auditor.
- **Role and Functions of Board Committees:** Standing committees, ad-hoc committees, task force committees, advisory committees; powers, functions and duties of board committees; enhanced performance of board committees; limitations of board committees; statutory committees of board-audit committee, remuneration committee, nomination committee, compliance committee, shareholders grievance committee, investors relation committee, investment committee, risk management committee, other committees.
- **Whistleblowing and Corporate Governance:** The Concept of Whistle-Blowing; Types of Whistle- blowers; Whistle-blower Policy; the Whistle-Blower Legislation across Countries; developments in India.

- **Corporate Social Responsibility (CSR):** Meaning; corporate philanthropy; CSR – an overlapping concept; corporate sustainability reporting; CSR through triple bottom line; CSR and business ethics; CSR and corporate governance; environmental aspect of CSR; CSR models; drivers of CSR; global reporting initiatives; major codes on CSR; initiatives in India.

Suggested Readings:

- *Mallin, Christine A., Corporate Governance (Indian Edition), Oxford University Press, New Delhi.*
- *Blowfield, Michael, and Alan Murray, Corporate Responsibility, Oxford University Press.*
- *Francesco Perrini, Stefano, and Antonio Tencati, Developing Corporate Social Responsibility-A European Perspective, Edward Elgar.*
- *Sharma, J.P., Corporate Governance, Business Ethics & CSR, Ane Books Pvt Ltd, New Delhi*

COMM901C: Direct Tax and Tax Planning

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

- Set off and carry forward of losses.
- Deductions from gross total income.
- Tax Planning – concept, significance & problems.
- Tax evasion and avoidance methods of tax planning.
- Tax planning with reference to location, nature and form of organizations.
- Tax consideration in Specific business decisions- leasing, make or buy, capital structure decisions, replacement decisions, plant shutdown and foreign collaboration.
- Tax provisions relating to Free Trade Zones, Infrastructure Sectors and Backward areas.
- Tax Incentive for Exporters.
- Tax Deductions and Collection at Source.
- Submission of returns and procedure of assessment.
- Appeals and revisions.
- Provisions for search and seizures.

Suggested Readings:

- *Corporate Tax Planning & Business Tax Procedures with Case Studies- V. K. Singhania & Monica Singhania, Taxmann Publications Pvt. Ltd., New Delhi, latest edition.*
- *Simplified Approach to Corporate Tax Planning & Tax Management- Girish Ahuja & Ravi Gupta, Bharat Law House, New Delhi, latest edition.*
- *Corporate Tax Planning - Khushal Kumar Agarwal, Atlantic Publishers, New Delhi, latest edition.*
- *Direct Tax Planning & Tax Management- Rajeshwar Tripathi, A B D Publishers, New Delhi, latest edition.*
- *Tax Planning and Management- S. P. Goyal, Sahitya Bhavan Publications, Agra, latest edition.*

COMM902C: E-Commerce

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 2

Contents:

- Information Technology Law: Information Technology Act – Definitions, Important terms under Information Technology Legislation
- Information Systems: Overview, Information and Data, Features and Qualities of Information, Types of Information, Process of Generating Information, Value and Cost of Information, Factors Influencing Information Needs
- Information Systems: Definition and Elements, Information System Activities, Types of Information Systems, Information Systems in Business Management
- Internet and Other Technologies: Internet and World-Wide Web, Intranets, Extranets, Applications Of Internet, Internet Protocols.
- E-Commerce - Nature, Types (B2B, B2C, C2C), Supply Chain Management, CRM, Electronic Data Interchange (EDI), Electronic Fund Transfers (EFT), Payment Portal, E-Commerce Security, Mobile Commerce.
- Management Information Systems – An Overview, Concept, Evolution and Elements, Structure, Computerized MIS, Approaches of MIS Development, Pre-requisites of an Effective MIS, MIS and Decision Support Systems, MIS and Information Resource Management.
- Enterprise Resource Management
- E-Governance in India
- Systems Audit – An Overview

Suggested readings:

- *Ramesh Behl, Information Technology for Management, Tata McGraw Hill Education Private Ltd.*
- *Jerome Kanter : Managing with Information, Prentice Hall of India*
- *P.K. Sinha : Computer Fundamentals: Concepts, Systems and Applications, B.P.B. Publications*
- *D.P. Mittal : Law of Information Technology (Cyber Law) with Information Technology (Certifying*
- *Authorities) Rules, 2000, Taxmann Publications Pvt. Ltd.*
- *Dr. L.M.Prasad and Usha Prasad : Information Systems & Technology, Sultan Chand & Sons*

COMM913E: Accounting Theory

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

Introduction to Accounting Theory: Meaning, Definitions, Features, objectives, Need, Nature, Role, Recent trends in Accounting Theory. Environment and its impact on Accounting - economic and socio-economic, legal and statutory environment, Professional Environment, Technological Environment, LPG environment.

Social Cultural Behavioural dimension of Accounting, Accounting as an information system, Conceptual framework of Accounting

Accounting Principles and Conventions: Meaning, nature and scope.

Income-Value and Capital, Revenue and Recognition; Nature- Recognition, Criteria and Basis, Depreciation

Assets and Liabilities: definition-classification, recognition- need for valuation – valuation of tangible and intangible assets- valuation of current assets. Liabilities: definition-classification- characteristics - need for valuation and measurement.

Financial Statements: meaning – nature- importance-limitations

Role of Financial Statements in exhibiting True and Fair view.

Accounting Standards: Theoretical and Conceptual issues, Process and Approaches to standard setting Accounting Standards: Need, Meaning, objectives, Importance, International Accounting Standards, IFRS, and GAAP, All Accounting Standards, Problems only on AS -2 (Inventory Valuation), AS – 10 (Accounting for fixed assets) AS -29 (Provisions, Contingent Liabilities & Assets).

Suggested Reading:

- *Porwal, L. S.: Accounting Theory, McGraw Hill Publishers: New Delhi.*
- *Lele & Jawaharlal: Accounting Standards, Sultan Chand & Sons: New Delhi*
- *Elden S. Hendriksen: Accounting Principles, AITBS: New Delhi.*
- *Robert N. Anthony & James: Accounting Theory, Thomson Publications: Singapore.*

COMM914E: International Accounting

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

International Accounting: concept, development process, interaction with environment, scope, importance, difficulties.

International Accounting Harmonization: International Accounting Standards and organizations, harmonization of international accounting, pressure for harmonization, obstacles in harmonization, measuring harmonization.

International Financial Reporting Standards (IFRSs): concept, theories of adoption convergence, determinants, rationale, effect of convergence, Ind AS scope and numerical.

Comparative Accounting Practices and Disclosures: A global assessment, Accounting for currency exchange rate exchange, Accounting for segmental reporting.

International Financial Statement Analysis: Scope, challenges and numerical. Accounting for Transfer Pricing, Tax Effect Accounting, Accounting Information system for Multinational Corporation performance.

Suggested Readings:

- *A. K. Das Mahapatra: International Accounting, PHI Learning Pvt. Ltd., New Delhi,*
- *SirinRathore: International Accounting, PHI Learning Pvt. Ltd., New Delhi.*
- *Shahrokh M. Saudagaran: International Accounting A User Perspective, Thomson, South Western, USA, latest edition.*
- *T. P. Ghosh: IFRSs For Finance Executives, Taxmann Publications Pvt. Ltd., New Delhi.*
- *MukheshSaraf: Practical Implementation and Application Guide of Indian Accounting Standards (Ind AS) IFRS Converged Ind AS, Bharat Law House Pvt. Ltd., New Delhi, latest edition.*
- *M. P. Vijay Kumar: First Lessons in IFRS, Beginners Guide, Snow White Publications Pvt. Ltd., Mumbai, latest edition.*

COMM923E: Working Capital Management

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

- Introduction, meaning, concepts, classification and importance of working capital, Relevance of current assets and current liabilities in the balance sheet, Objectives of WCM.
- Factors determining working capital requirements, Assessment and forecasting of working capital requirements, Operating cycle, Weighted Operating cycle
- Relevance of current assets and current liabilities and their inter-relationship
- Management of Inventory: Risk and cost of holding inventory, Inventory management - tools, techniques, Inventory management models; Determining stock levels and safety stocks, Types of organizations holding inventory, Inventory strategies & techniques, Inventory strategies & techniques.
- Management of Accounts Receivables: Creation and size of accounts receivables, Motives of extending credit, Limitations of A/Rs-Marginal tax considerations; Determining maximum length of credit period, Credit terms, opportunity costs; Financial statements analysis wrt. A/Rs,
- Cash management-meaning and concept statements analysis wrt. Cash flow presentation as per IFRS, NOCF & priority outflows, Management of liquidity.
- Window dressing, Certainty model by Baumol, Uncertainty model by Miller & Orr, Cash flow forecasting, Cash collection system.
- Management of Accounts Payables, Trade credits-terms of purchase, stretching accounts payables, Cost of Stretching A/Ps.
- Financing Working Capital Gap, Sources of working capital finance, Bank finance.

Suggested Readings:

- *I. M. Pandey: Financial Management, Noida: Vikas Publishing House Private Ltd, 2010.*
- *P. Chandra, Fundamentals of Financial Management, New Delhi: Tata McGraw Hill.*
- *V. K. Bhalla: Working Capital Management: Text and Cases, New Delhi: Anmol Publisher.*
- *M .Y. Khan & P. K. Jain: Financial Management - Text, Problems and Cases, New Delhi: McGraw Hill.*
- *H. Bhattacharya: Working Capital Management: Strategies and Techniques, New Delhi: Prentice Hall of India Private Ltd*

COMM924E: International Financial Management

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

- **Introduction to International Finance:** Meaning, Scope of International Finance, International Finance Function and Domestic Finance Function, Balance of Payment.
- **International Monetary System:** Evolution of the International Monetary System, Classical Gold Standard, Inter-war period, Bretton Woods System, Triffin's Paradox, Special Drawing Rights, Flexible Exchange Rate Regime, Present Day Currency Regimes; Fixed versus Floating exchange rate systems; International Monetary Fund, European Monetary System, European Monetary Union, World Bank.
- **International Financial Markets-** Euro- markets, Institutions and Instruments- Main instrument of Equity Market, Debt Market, GDR, ADR.
- **Foreign Exchange Market:** Structure of Foreign Exchange Market and Participants, Types of Transactions, Mechanism of Currency Dealing, Exchange Rate Quotations, Arbitrage, Forward Rates, Foreign Exchange Market in India.
- **Theories of Exchange rate:** Purchasing Power Parity (PPP) theory, Interest Rate Parity (IRP) theory, International Fisher Effect (IFE), Comparison of PPP, IRP and IFE Theories, Methods of Forecasting Exchange rates.
- **Nature and Measurement of Foreign Exchange Exposure:** Exchange Risk Meaning, Types of Exposure, Tools and Procedures of Foreign Exchange Risk Management, Management of Transaction Exposure, Translation Exposure
- **Financial Management of Multinational Firm:** International Investment Decision, International Working Capital Management, Country Risk Analysis, International Taxation

Suggested Readings:

- Apte, P.G. (2014). *International Financial Management*. New Delhi: Tata McGraw Hill.
- Sharan, V. (2016). *International Financial Management*. New Delhi: Prentice Hall of India
- Avadhani, V.A. (2014). *International Finance*. New Delhi: Himalaya Publishing House.
- Shapiro, A.C. (2009). *Multinational Financial Management*. New Delhi: Wiley India.
- Bekaert, G. and Hodrick, Robert J. *International Financial Management*, Prentice Hall.
- Madura, Jeff. *International Financial Management*. Cengage Learning.
- Levi D, Maurice. *International Finance*. Routledge.

COMM905E: Operations Research

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Contents:

Group-A (Theory)

- Linear Programming Problem; Formulation, Graphical Solution, Simplex Algorithm, Duality; Solution of Primal Problem via Dual;
- Transportation Problem-Formulations, Solution; its relation with LPP;
- Assignment Problem- Formulations, Solution of assignment problem using Hungarian Method.
- Theory of Games- Formulations, Solution of TPZS game, Concept of Non-Constant Sum game; Application of Prisoner's Dilemma
- Network analysis; Critical Path Method(CPM);Project Evaluation and Review; Technique (PERT);
- Concept of Shortest Path problem; Application of Dijkstra's Algorithm; Application of Floyd's Algorithm
- Simulation Technique- Concept; Different Steps; Congruential Method of Random number Generation; Monte-Carlo Simulation Technique.

Group-B (Practical)

Computer Applications- Solution using Spreadsheet based Solver, TORA & R

Suggested Readings:

- Taha, H. A. (2011). *Operations Research: An Introduction (9th Edition)*. Pearson Education India.
- Mustafi, C. K. (1996). *Operations Research methods and practice*. New Age International.
- Eiselt, H. A., & Sandblom, C. L. (2012). *Operations research: a model-based approach*. Springer Science & Business Media.
- Chiang, A. C. (1984). *Fundamental methods of mathematical economics*. Mc-Graw Hill Book Inc, Singapore
- Ragsdale, C. T. (2004). *Spreadsheet modeling and decision analysis*. Thomson South-Western.
- Schumacker, R., & Tomek, S. (2013). *Understanding statistics using R*. Springer Science & Business Media.

COMM906E: Strategic Management

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

- Concept of Strategy: Definition of strategy, levels at which strategy operates; Approaches to strategic decision making; Mission and purpose, Objectives and goals; Strategic business unit (SBU); Functional level strategies.
- Environmental Analysis and Diagnosis: Concept of environment and its components; Environment scanning and appraisal; Organisational appraisal; strategic advantage analysis diagnosis: SWOT analysis.
- Strategy Formulation and Choice of Alternatives: Strategies- modernization, diversification, integration; Merger, take-over and joint strategies; Turnaround, divestment and liquidation strategies; Process of strategic choice- industry, competitor and SWOT analysis; factors affecting strategic choice; Generic competitive strategies – Cost leadership, differentiation, focus, value chain analysis, bench marking, service blue printing.
- Functional Strategies: Marketing, Production/ Operations and R & D plans and policies.
- Functional Strategies: Personal and Financial plans and policies.
- Strategy Implementation: Inter- relationship between formulation and implementation Issues in strategy implementation: Resource allocation.
- Strategy and Structure: Structural considerations, structures for strategies, Organisational design and change.
- Strategy Evaluation: Overview of strategic evaluation; strategic control; Techniques of strategic evaluation and control.
- Global Issues in Strategic Management.

Suggested Readings:

- *Bhattachary. S.K. and N. Venkataramin : Meaning Business Enterprises: Strategies Structures and System, Vikas Publishing House, Delhi.*
- *Budhiraja. S. B. and M. B Athreya: Cases in strategic Management, Tata McGrew Hill, New Delhi.*
- *Christensen, C. Roland, Kenneth R. Andrews, Joseph I, Bower, Rochard G. Hamermesh, Michael E. Porter Business Policy: Text and Cases, Richard D. Irwin, Inc. Homewood Illinois.*
- *Coulter. Mary K.: Strategic Management in Action, Prentice Hall New Delhi.*
- *David, Fred R: Strategic Management, Prentice hall, New Delhi.*
- *Glueck William F. and Lawrence R Jauch: Business Policy and Strategic Management McGrew Hill International Edition.*

COMM1001C: Cost and Management Accounting

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Introduction to Management Accounting as an area of Accounting, Objectives, Nature and Scope of Financial Accounting and Management Accounting; Management Accounting and Managerial decisions; Management Accountants Position, Role and Responsibilities. Management Accounting vs Cost Accounting vs Financial Accounting. Analysis of Financial Statements; Cash flow and Fund flow analysis & working capital management.

Accounting Plan and Responsibility Accounting: Meaning and Significance of Responsibilities Accounting; Responsibility Centre- Cost centre, Profit Centre and Investment Centre; Problems in Transfer Pricing; Objectives and Determinants of Responsibility Centre.

Marginal Costing and Decision Making: Concept of Marginal cost; Marginal Costing and Absorption Costing; Marginal Costing vs Direct Costing. Cost Volume Profit Analysis; Break even analysis, assumption and practical applications of break-even analysis: decision regarding sales mix, make or buy decisions, discontinuation of product line, export vs local sale decision, expand or contract decision, sell or further process decision, marketing decisions etc.

Standard Costing and Variance Analysis: Standard Costing as a control technique, setting of standards and their revision; Variance Analysis meaning and importance, kinds of variances and their uses- material, labour and overhead variances, Disposal of variances, relevance of variance analysis and standard costing.

Contemporary Issues in Management Reporting: Value chain analysis; Activity- based costing, Quality costing; Target and life cycle costing. Meaning and objective of reporting, Types and mode of reporting, Types and mode of reporting, reporting at different levels of management.

Corporate Sickness, Performance measurement and Benchmarking.

Suggested Readings:

- *Chakravorty, S. K.: Cost and Management Accounting (Theory and Problems), New Central Book Agency: Kolkata.*
- *Kishore, R. M. Costs Management, Taxmann Publications: New Delhi.*
- *Horngren C. T.: Cost Accounting -A Managerial Emphasis, Pearson Education: New Delhi.*
- *Kaplan, R.: Advanced Management Accounting, Pearson Education: New Delhi.*
- *Khan, M. Y. & Jain: P. K.: Management Accounting, McGraw-Gill Publications, New Delhi.*

COMM1002C: Research Methodology

Marks: 100 (Theory = 70, Internal Assessment = 15); Credit: 2

Course Inputs

Group-A (Theory)

Fundamentals of Research

Definition and Objectives of Research – Motivation, Types of Research – Descriptive vs. Analytical, Applied vs. Fundamental, Quantitative vs. Qualitative, Conceptual vs. Empirical, Research Process- Meaning of research problems, Identification and Formulation of research problem, Research objectives, Formulation of Hypothesis. Pilot study.

Review of Literature

Need for Reviewing Literature, Planning of Review work, Sources of Literature, Literature Review Procedure, Identifying Research Gap

Data and Methodology

Sources of Data - Use of Primary Data and Secondary Data; Methods of Collecting Primary Data and Secondary Data, Questionnaire, Features of good Questionnaire. Processing of data; Methodological Issues in research problem.

Report Writing

Structure and Components of Research Report, Types of Report, Planning of Report Writing, Layout of Research Report, Characteristics of a good report, referencing in academic writing.

Group-B (Computer Practical)

- Preparing of Word template for Dissertations; Creating merged file; Automatic Bibliography Preparation; Mail merge;
- Academic Presentation
- Panel data analysis
- Time Series Regression Analysis

Reference:

- *Bryman, A. Social Research Methods. New York: Oxford University Press.*
- *Gill, J., & Johnson, P. Research Methods for Managers. New Delhi: SAGE Publication Ltd.*
- *Kothari, C. R. Research Methodology: Methods and Techniques. New Delhi: New Age International.*
- *Murthy, S. N., & Bhojanna, U. Business Research Methods. New Delhi: Excel Books India.*
- *Sekaran, U. Research Methods For Business: A Skill Building Approach. New Delhi: Wiley India Pvt Ltd.*
- *Azzara, C. V. Questionnaire Design for Business Research: Beyond Linear Thinking-An Interactive Approach. Oklahoma: Tate Publishing & Enterprises.*
- *Zikmund, W. G., Babin, Carr, J. C., & Gri, M. Business Research Methods. Mason: Cengage Learning.*

COMM1013E: Auditing and Assurance Services

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Auditing Concepts: Nature and limitations of Auditing, Basic Principles governing an audit, Ethical principles and concept of Auditor's Independence, Relationship of auditing with other disciplines.

Auditing and Assurance Standards: Overview, Standard-setting process, Role of Standards Board; Significant differences between Indian Standards on Auditing and International Standards on Auditing.

Audit evidence: Procedures for obtaining evidence, Sources of evidence, Reliability of audit evidence, Methods of obtaining audit evidence, Physical verification, Documentation, Direct confirmation, Re-computation, Analytical review techniques, Representation by management.

Internal Control: Elements of internal control, Review and documentation, Evaluation of internal control system; Internal control questionnaire, Internal control check list, Tests of control, Application of concept of materiality and audit risk, Concept of internal audit.

Audit under computerized information system (CIS) environment: Special aspects of CIS Audit Environment; Internal Control and Computerized Environment, Approaches to Auditing in Computerised Environment.

Company Audit: Rights, duties, and liabilities of auditors; third party liability, Auditing for Dividends and divisible profits.

Audit reports: Meaning, Types; qualifications, notes on accounts, distinction between notes and qualifications, detailed observations by the statutory auditor to the management vis-a-vis obligations of reporting to the members.

Audit Sampling: Types of sampling, Test checking, Techniques of test checks.

Professional Ethics: Code of Ethics with special reference to the relevant provisions of The Chartered Accountants Act, 1949 and the Regulations thereunder.

Special audits: Cost audit, management audit, operational audit, forecast audit & Environmental audit.

Suggested Readings:

- *Garg, P.: Advanced Auditing & Professional Ethics, Taxmann Publications: New Delhi.*
- *Garg, K.: Professional Approach to Advanced Auditing, Bharat Law House Pvt. Ltd.: New Delhi.*
- *Jha, A.: Students' Guide to Auditing & Assurance, Taxmann Publications: New Delhi.*
- *Bansal, S.: Auditing and Assurance for CA Inter, Bestword Publications Pvt. Ltd.: New Delhi.*
- *Gupta, K.: Contemporary Auditing, McGraw-Hill Publications: New Delhi.*
- *Oswal, V.: Comprehensive Approach to Advanced Auditing and Professional Ethics for CA Final, Wolters Kluwer: New Delhi.*

COMM1014E: Group A: Financial Accounting Practices

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

- **Financial Statement Analysis:** Disclosure Practices, Ratio Analysis, Horizontal, Vertical and Trend Analysis and Cash Flow Analysis
- Economic Value Added, Market Value Added and Value Added Statement
- Human Resource Accounting, Inflation Accounting, Sustainable Reporting
- Corporate Distress Analysis, Reporting under XBRL environment, Emerging trends in reporting practices

Suggested Readings:

- Sharma, P., & Bhalla, K. : *Financial Reporting*, Taxmann Publications, New Delhi.
- Rawat, D. S.: *Financial Reporting*, Taxmann Publications, New Delhi.
- Vijay Kumar, M. P.: *First Lessons in Financial Reporting*, SnowWhite Publications, Mumbai.
- Shaikh, I.: *Financial Reporting-Theory, Exercises, Problems & Solutions*, Bharat Law Book, Agra.
- Welkins, S. K.: *Financial Reporting Made Easy*, Bharat Law House Pvt. Ltd, Agra.

COMM1023E: Financial Market and Services

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Security Markets: Primary and secondary market; Primary market- Role , Functions & Methods of Selling securities in Primary Market; Allotment procedure; National Stock exchanges and major international stock exchanges; security market indicators and their contraction.

Public Issues: SEBI guidelines on public issue, size of issue, pricing of issue, promoters contribution, appointment of merchant bankers, underwriters, broker, register and managers, bankers and allotment of shares.

Secondary Market: Role, Importance, Type of brokers, trading mechanism, listing of securities in stock exchanges, screen based trading, Demat- Depository- role and need NSDL, and CDSL depository participant.

Financial Services: Meaning, Classification, Scope, regulatory Environment of Financial Services.

Merchant banking: Role of services of Merchant Banks. Merchant Banks Guidelines. Scope and Progress of Merchant Banking in India.

Leasing and Hire Purchase: Leasing - Meaning , Nature and Types, Evolution and Current Structure of Leasing Industry in India,

Hire Purchase: Genesis, Feature, Banks and Hire Purchase Business. Hire Purchase and Credit Sale.

Leasing vs Hire Purchase and Instalment Sales. Leasing as a Tax Planning instrument.

Mutual Funds: Meaning, Functions and Types, Valuation of Life Policies, Regulations and Current Scenario.

Venture Capital: Meaning, Elements and Evolution, Forms of assistance, Present Structure of Venture Capital Funds in India, SEBI Guidelines.

Factoring: Meaning, Features and Benefits, Type of Factoring Modus operandi, Factoring in India.

Securitisation of Debts

Credit Rating Agencies

Suggested Readings:

- *Khan, M. Y.: Financial Services, McGraw-Hill Publications, New Delhi.*
- *Bhole, L. M. &Mahakud, J.: Financial Institution and Markets, McGraw-Hill Publications, New Delhi.*
- *Shanmugham, R.: Financial Services, Wiley Publications.*
- *Sharma, R. &Mehata, K.: Financial Services, Carnage Publications.*
- *Siddaiah, T.: Financial Services, Pearson India.*

COMM1024E: Security Analysis and Portfolio Management

Marks: 100 (Theory = 70, Internal Assessment = 30); Credit: 4

Investment: Nature and Scope of investment analysis, elements of investment, avenues of investment, approaches of investment analysis.

Financial Assets: Types and their characteristics, Sources of financial information.

Security Markets: Primary and secondary market

Risk and Return Analysis: Concept of return and risk: Security returns and risk analysis
Concept of Systematic and Unsystematic Risk, Risk and Return Measurement, Using Beta to Estimate return

Valuation of Securities: Bonds, Debentures, Performance shares, securities.

Fundamental Analysis: Economic Analysis, Industry Analysis, Company Analysis.

Technical Analysis: Important tools, Dow Theory, Chart and trend lines, moving averages.

Efficient Market theories: Weak, semi strong and strong market and its testing.

Portfolio Analysis: Estimating rate of return and standard deviation of portfolio. Effect of combining the securities; Markowitz Risk- return optimization, single index model or Market Model, Portfolio total risk, portfolio market risk and unique risk, simple Sharpe's optimization solution.

Capital Market theory: Capital Market line, security market line, risk free lending and borrowings; factor models, CAPM, Arbitrage pricing theory two factors and multi factor models principle of arbitrage, arbitrage portfolios.

Portfolio Performance Evaluation: Measure of return, risk adjusted measures of return market timing, evaluation criteria and procedures

Portfolio Revision

Suggested Readings:

- Chandra, P: *Managing Investments*, McGraw Hill Publications: New Delhi.
- Elton, E. J. & Gruber, M. J.: *Modern Portfolio Theory & Investment Analysis*, Wiley & Sons: NY.
- Cottle, S. & Doods, G.: *Security Analysis*, McGraw Hill Publications: New Delhi.
- Valla, V. K.: *Investment Management (Security Analysis and Portfolio Management)*, S. Chand & Sons: New Delhi.
- Fischer, D., C. & Jordon, R. J.: *Security Analysis & Portfolio Management*, Pearson India: New Delhi.

COMM1005C: Dissertation/ Term Paper/ Internship and Viva-voce

Marks: 100 (Project =70, Viva = 30); Credit: 4

PROJECT/ DISSERTATION

70 Marks for Project/ Dissertation Preparation.

30 Marks for Viva-voce on Research Methodology and Project / Dissertation.

Note: While preparing the Project /Dissertation, the Students are required to incorporate the following Categories of information:-

- Statement of the Problem.
- Review of the Literature.
- Hypothesis (if required).
- Data Collect & Methodology.
- Data Analysis & Interpretation.
- Conclusion/ Recommendation.
