

Scheme and Syllabus
(from 2018 Admission onwards)

SEMESTER I			Marks		
Code	Paper	Subject	CA	ESA	Total
CO 211	Paper1	Business Ethics and Corporate Governance	25	75	100
CO 212	Paper2	Legal Framework for Business	25	75	100
CO 213	Paper3	Research Methodology	25	75	100
CO 214	Paper4	Planning and Development Administration	25	75	100
CO 215	Paper5	Advanced Corporate Accounting and Reporting	25	75	100
Total			125	375	500

SEMESTER II			Marks		
Code	Paper	Subject	CA	ESA	Total
C0 221	Paper 1	E-Business and Cyber Laws	25	75	100
C0 222	Paper 2	Strategic Management	25	75	100
C0 223	Paper 3	Quantitative Techniques and Financial Econometrics	25	75	100
C0 224	Paper 4	International Business	25	75	100
C0 225	Paper 5	Investment Management	25	75	100
Total			125	375	500

Summer Internship

Elective - FINANCE

SEMESTER III			Marks		
Code	Paper	Subject	CA	ESA	Total
CO 231U	Paper1	Income tax Planning and Management	25	75	100
CO 232F	Paper2	Security Analysis and Portfolio Management	25	75	100
CO 233F	Paper3	International Financial Management	25	75	100
CO 234F	Paper4	Strategic Cost and Management Accounting	25	75	100
Total			100	300	400



SEMESTER IV			Marks		
Code	Paper	Subject	CA	ESA	Total
CO 241W	Paper1	Goods and Service tax & Customs Duty-Law and Practice	25	75	100
CO 242F	Paper 2	Risk Management and Derivatives	25	75	100
CO 243F	Paper 3	Accounting Standards	25	75	100
CO 244S	Paper 4	Management Optimization Techniques	25	75	100
Total			100	300	400
Project Report					100
Comprehensive Viva					100
Grand Total					2000

SEMESTER I

Paper 1: CO 211- BUSINESS ETHICS AND CORPORATE GOVERNANCE

Objectives:

1. To convey basic understandings on the theories of Business Ethics
2. To provide a understanding on Corporate Governance practices and the provisions of the Companies Act relating to corporate governance

Module 1: Business Ethics and Ethical Practices: Ethics – Sources- Importance - factors influencing Business Ethics – Benchmarks on code of Ethics – Ethics Committees – Training Programmes – Ethical Decision Making – Ethics in Finance - Marketing and HR (15Hrs)

Module 2: Organization Culture: Features – Building and Maintaining Organization Culture – Organizational Socialization – Managing cultural Diversity – Work Ethics – Work Culture – Quality of Work Life – Work Life Balance – areas Improving Work Life Balance – Strategies of Work Life Balance (20Hrs)

Module 3: Corporate Governance: Importance – Objectives – Basic Ingredients of Corporate Governance – Principles - Theories – Phases of development of Corporate Governance in Global and Indian Perspectives – Code of Corporate Governance – Committees on Corporate Governance (Global and Indian) (15Hrs)

Module 4: Corporate Social Responsibility : CSR under Companies Act 2013 – Scope – Relevance – Importance – Areas of CSR – Arguments for and against CSR – Ackerman's model of CSR – SEBI – Clause 49 of listing agreement – Evaluation of Corporate Governance of a Company – Methods – Shareholder Value – EOCE, PAT, EPS, TSR, MVA, EVA and HVA - Corporate Philanthropy – Corporate Citizenship – Social Audit (25 Hrs)

Module 5: Corporate Image and Excellence : Corporate image – building corporate image – Importance – Corporate Excellence – importance – Measures to achieve corporate excellence – New initiatives on corporate excellence - Role of Chairman – Qualifications – Power – Duties and Responsibilities – Board Committees – New Directions (15Hrs)

References:

1. Laura P Hartman, Perspectives in Business Ethics, Mc Graw Hill International
2. George A Steiner and John F Steiner, Business , Government and Society, Mc Graw Hill International
3. SK Chakraborty, Ethics in Management Vedantic Perspectives, Oxford University Press
4. Subhash Sharma, Management in New Age: Western Windows – Eastern Doors, New Age International Publishing, New Delhi

Objectives:

1. To enable student acquire updated knowledge and develop understanding of the regulatory framework for business
2. To make students aware of opportunities available in various legal compliances so as to enable them employable.
3. To expose students in emerging trends in good governance practices including governance.

Module 1: Advanced Company Law: The Companies Act 2013: Formation and related procedures of various types of companies Procedure for inter-corporate loans, investments- guarantee and security – Registration modification and satisfaction of charge Declaration and payment of dividend Maintenance of Books of Accounts - statutory financial audit, cost audit and secretarial audit – Board meetings and procedures- (15 Hrs)

Module 2: Other Corporate Laws: Limited Liability Partnership Act, 2008: Concept, formation, membership, functioning and Dissolution - Conversion of LLPs into Private Limited Companies and vice versa. The insolvency and bankruptcy code,2016 - Insolvency Professionals - Liquidation Process – Insolvency and Bankruptcy Board of India. (15Hrs)

Module 3: Economic Laws: a. FDI Policy – Foreign Direct Investment in India and abroad – External Commercial Borrowing (ECB) Formalities – Establishment of Branch Office of a foreign entity in India. b. Foreign Trade Policy – Opportunities of commerce/finance professional in foreign trade – Procedure of import and export – Export promotion schemes and initiatives. c. Competition Commission of India – Compliance of competition law. (20Hrs)

Module 4 : Industrial and Labour laws: Overview of Industrial Policy of Govt of India and Govt of Kerala – Regulatory Mechanism under IDRA – MSME Development Act – Advantages of MSMEs and their role and significance in economic development – Central and State Schemes for MSME Promotion –Udyog Aadhar. (20 Hrs)

Module 5: Foreign Exchange Management Act - Features and Application- Opportunities for Indian Business -Challenges-Foreign Contribution (Regulation) Act 2010 (20Hrs)

References

1. Kapoor. N .D, *Business law*, Sulthan Chand and Sons
2. Chandha P.R, *Business law*gajgotia, NewDelhi
3. Garg K.C, V.K Surendran, Mahesh Sharma and Chawla R.C, *Busiess regulatory frame work*, Kalyani Publishers, NewDelhi
4. Tulsian P.C, *Business Laws*, Tata Macgraw-Hill publishing Co.Ltd, NewDelhi
5. B S Moshal, *Modern Business law*, Ane books, New Delhi

Paper 3: CO 213- RESEARCH METHODOLOGY

Objectives:

1. To provide an insight into the fundamentals of social science research.
2. To understand the need, significance and relevance of research and research design.
3. To acquire practical knowledge and required skills in carrying out research.

Module 1: Fundamentals of Research: Research-meaning-nature-significance-objectives-utilities-Principles of scientific research-Scientific Methods-Induction, Deduction-Qualities of a good researcher-Research Ethics. Research Methods-Types of Research-Fundamental, Applied, Policy, Exploratory, Descriptive, Predictive, Analytical, Historical; Methods of Investigation-Library, Case study, survey, Field study, Experimental, Evaluation, Action, Diagnostic, Ex-post Facto Research; Quantitative and Qualitative research. (15Hrs)

Module 2: Research Process: Research problem Identification-Identifying research gap-setting of objectives and hypotheses-identifying the variables-dependent, independent and intervening variables-Research design-steps in developing a research design-research design for descriptive, analytical, empirical and experimental research-qualities of a good research design. (15 Hrs)

Module 3: Sampling Techniques and Data Collection Methods: Probability and non-probability sampling techniques-sample size-sampling errors-sources of collection of data-Techniques and tools for data collection-Pre-testing and Pilot study (Review only). (5 Hrs)

Module 4: Statistical Estimation and Hypothesis Testing: Estimation-Qualities of a good estimation, Criteria for selecting estimation, Methods of estimation, point and interval estimation, confidence interval, determination of sample size in estimation. Testing of Hypothesis-Need and Significance of hypotheses-Formulation, Types of hypotheses-errors in testing hypotheses-type-I and Type-II errors-one tailed and Two

tailed tests-level of significance-Parametric tests-large sample and small sample tests-Z test, t-test, F-test-application of parametric tests. Non-parametric tests-Chi-square test, Sign test, Fisher-Irwin test, rank sum test, Run test, Mann-Whitney U test, Kruskal Wallis H test, Wilcoxon test, Mc Nemer test. Analysis of Variance-Meaning-Assumptions of ANOVA, Techniques of ANOVA-One way classification-Two-way classification-Setting up ANOVA table, Conditions for application and uses of ANOVA-Interpretation of analysed data. (40 Hrs)

Module 5 : Report writing and presentation: Research report- Types of reports-Content of report-Style of reporting-Steps in drafting reports-Qualities of a good report-Documentation-Citation-Footnotes-References-Bibliography-APA and MLA Format in writing references and Bibliography. (15Hrs)

References:

- 1.Krishnaswamy O.R, Research Methodology in Social Sciences
- 2.Kothari C. R, Research Methodology: Methods and Techniques

Objectives:

1. To generate an overall insight on planning process in Indian Economy
2. To make the students aware about new planning initiatives in India

Module 1 - Structure of Indian Economy- Relevance of sectors in Indian Economy; Primary, Secondary and Tertiary Sectors-National Income-Methods of Computation-Inflation effects on Indian Economy- India's current National Income in comparison with leading economies of the world-Challenges. **(15Hrs)**

Module 2: Planning mechanism in India—Economic planning-features, types-Phases of Economic Planning-Growth and Planning Models-(Briefly mention) -State Planning Board-District Planning Board **(20Hrs)**

Module 3: Fiscal Policy-Centre-State financial relationship-Resource Allocation-Finance Commission-Development and Non Development expenditure-Preparation of budgets: Centre, State and Local Self Government-Deficit financing-Plan and Non-Plan Expenditure (Case Study: Evaluation of current Budget) **(20Hrs)**

Module 4 : Policy Initiatives in the Planning Process –Niti Aayog –Structure– Objectives –Functions-Guiding Principles -Vision Statement-Recent Policy initiatives: Make in India, Jan DhanYojana, Startup India, Swatch Bharath Abhiyan, Mudra Bank, Digital India – Future development initiatives **(20Hrs)**

Module 5: Role of State and Local Self Government-Planning initiatives in Kerala-Kerala Perspective Plan –Mission-Vision-Scope-Local Self Government –Role, Functions and Programmes **(15Hrs)**

References:

1. Agarwal A.N. and Kundanlal (1999), Economics of Development and Planning, Vikas Publishing House, NewDelhi
2. Seth.M.L. and S.P. Singh (1998), Economic Planning: Theory andPractice, S.Chand and Company Ltd., Ram Nagar, NewDelhi
3. Dhingra.I.C. and V.K.Garg (2000), Economic Development and Planning in India, Sulthan Chand Publications, NewDelhi
4. Mishra S.K. and Puri V.K (2008), 26th Edition, Indian Economy,Himalaya Publishing House Pvt. Ltd.,Mumbai-
5. Desai and Bhale Rao (1986), Economic Planning and Policy,Himalaya Publishing House,Mumbai
6. Madan Mohan Batra (1987), Planning in India: development perspective towards the 21st century, V.K. Publishing House,Mysore
7. Misra and Puri (1999), Development and Planning Theory andPractice, Himalaya Publishing House,Mumbai
8. Gerald. M. Meier, and Robert E. Baldwin,(1957) (Reprint in 1975), Economic Development- Theory, History ,Policy, Asia Publishing House,Mumbai
9. Gerald. M. Meier, James E. Rauch,(2005), Leading Issues inEconomic Development, (8th Edition) Oxford University Press,Oxford,
10. Meier .G.M. (1995), Leading Issues in Economic Development (6thedition) Oxford University Press. NewDelhi.

SEMESTER I

Paper 5: CO 215- ADVANCED CORPORATE ACCOUNTING AND REPORTING

Objectives:

1. To acquaint the students about important accounting standards
2. To gain ability to prepare financial statements including consolidated financial statements of group companies and financial reports of various types of entities by applying relevant accounting standards.
3. To expose the students to advanced accounting issues and practices such as insurance claims, investment accounting and liquidation of companies.

Module 1: International Financial Reporting Standards (IFRS)-Introduction –Scope- An Overview of IFRS – Applicability of Accounting Standards in the preparation and presentation of Final accounts (15 Hrs)

Module 2: Insurance Claims and Investment Accounts--Loss of stock,--Consequential Loss—Average Clause- Investment Accounts— Cum interest—Ex-interest—Ex dividend and cum dividend—Columnar investment accounts.

(20 Hrs)

Module 3: Consolidated Financial Statement (AS 21) – Holding Companies – Definition – Preparation of Consolidated Balance Sheet – Minority Interest – Pre-acquisition or Capital Profits – Cost of Control or Goodwill – Inter- company Balance – Unrealised Inter-company profits – Revaluation of assets and liabilities – Bonus Shares – Treatment of Dividend-CrossHolding. (20 Hrs)

Module 4: Amalgamation - Types of Amalgamation – Calculation of Purchase-consideration- Methods of accounting for amalgamation- Inter-company investments

(20Hrs)

Module 5: Accounting for Liquidation of Companies – Preparation of Statement of Affairs – Deficiency/Surplus Account - Liquidator's Final Statement of Account – Receiver's Statement of Accounts. (15Hrs)

Theory and practical problems shall be in the ratio of 30 : 70. Practical problems shall be included for application of accounting standards also.

References:

1. Accounting Standards—Prof. IsrarShaikh and Rajesh Makkar, LexisNexis.
2. Accounting Standards—M.P. Vijayakumar, Snow White, Chennai.
3. Indian Accounting Standards—Rajkumar S Adukia, LexiNexis.
4. Indian Accounting Standards—Asish K Bhattacharjee, Tata McGrawHill.
5. Advanced Corporate Accounting—PCThulsian
6. Advanced Corporate Accounting—MC Shukla, T.S. Grewal and SCGupta
7. Advanced Financial Accounting—Dr. B.D.Agarwal
8. Advanced Accountancy—RL Gupta and Radhaswami

SEMESTER II

Paper 1: CO 221- E-BUSINESS & CYBER LAWS

Objectives:

1. To equip the students with the emerging trends in business
2. To equip the students to introduce and explore the use of information technology in all aspects of business.
3. To familiarise with the students cyber world and cyber regulations

Module - 1: E-business- Concepts – Definition – e-business vs. e-commerce - Technology – Sustainable and disruptive , - E-Business Models – Revenue model, Architectural model and Market opportunity models - E-business Design: steps, Knowledge building, capacity evaluation. **(10 Hrs)**

Module-2 : E-Marketing – Traditional Marketing – Web presence Goals – Browsing Behaviour – online Marketing – E-advertising – Internet Marketing Trends – E branding– E- marketing strategies .- modes of e-marketing - Concept and Definition of E-Retailing: Different Models of E Retailing; Model for Web based Information System in E-retailing; -EPOS System. Functions of an EPOS System, e-payment mechanism. **(20 Hrs)**

Module - 3 : E- Business Technologies-Customer relationship management (CRM) - Organizing around the customer - CRM design and infrastructure - CRM Trends; Selling-chain management - Need for selling-chain management - Order acquisition process – Enterprise resource planning (ERP) – Forces influencing ERP – Implementation strategies - ERP trends; Supply chain Management - Supply-chain planning and execution - SCM issues and trends; E-procurement – Knowledge repository- Data mining – Social media platform. **(30 Hrs)**

Module – 4: Cyber Law- Introduction – Need – Evolution of Cyber Laws - Scope– Jurisdiction in cyber space – jurisdiction with respect to E-Commerce and E-governance –Indian law relating to IPR (Copy right, Trademark, Patents etc.) **(15 Hrs)**

Module – 5: Cyber Regulations- -Cybercrime investigation and surveillance – internet surveillance and privacy - issues relating to investigation, cyber forensic, relevant provisions under IT Act 2000, IPC and Evidence Act etc. Adjudication under the IT Act – Cyber Appellate Tribunal – punishments for various cybercrimes (an overview) **(15 Hrs)**

References:

1. E-business, Dr. Ravi Kalakota, Pearson Education Asia
2. E-Business (R)evolution, Daniel Amor, Pearson Education Asia
3. E-Business-2, Dr. Ravi Kalakota & Macia Robinson, Pearson Education Asia
4. E-Business and Commerce, Brahm Canzer, Dreamtech press, New Delhi
5. The E-Business book, Dayle M Smith, Viva books, New Delhi
6. E-Business essentials, Rajat Chatterjee, Global India Publication, New Delhi
7. E-Business essentials, Matt Haig, Kojan Page India Ltd
8. IT Act, 2000, IT Act Amendment Bill 2008, IT Act Amendment Bill 2008

Paper 2: CO 222- STRATEGIC MANAGEMENT

Objectives:

1. To create a conceptual awareness on various strategies.
2. To familiarise students with the formulation, implementation and evaluation of strategies

Module 1: Concept of strategy- Meaning- Definition- Features of strategic management- process of strategic management- Levels of strategy –Corporate and SBU- Strategic decision making- Approaches to and process of strategic decision making- Mintzberg's modes of strategic decision making, Strategic Intent-Developing vision and mission- setting of objectives and goals - Strategic management in international context- strategies of multinational companies with respect to case studies. **(20 Hrs)**

Module 2: Environment analysis- components of environment -environmental scanning- PESTEL analysis- Environmental Threat and Opportunity Profile (ETOP)- organisational appraisal-SWOT analysis- Industry and Competitive Analysis- competitive intelligence - Michael Porters' industry analysis-competitive analysis- Strategic Advantage Profile--Comparative advantage and Core competence- - TOWS matrix. **(20Hrs)**

Module 3: Strategic Alternatives- Criteria and process, Corporate level strategies-Grand strategies-Generic Strategies- integration, intensive, Stability, Defensive, and Expansion- Diversification - Retrenchment strategies: sub-classification of strategies. **(15Hrs)**

Module 4: Formulation of strategies–Approaches to strategy formulation-GAP analysis- BCG matrix- Synergy-Functional strategies- Production, Marketing, Finance and HR Strategies, - Strategic choice- process and policies. **(15Hrs)**

Module 5: Implementation, Evaluation and Control- Implementation process and issues –Structural, functional and behavioural Aspects of implementation- Mc Kinsey Seven S Model – concept of blue ocean strategy,- Evaluation and control of strategies- Techniques. –Strategic audit. **(20Hrs)**

References:

1. Arthur A Thompson and AJ Stickland III, Strategic Management, New Delhi Tata McGrawHill
2. Sharma R.A, Strategic Management in Indian Companies, Deep and Deep Publications, NewDelhi.
3. Thomas L Wheelen and J. David Hunger, Concepts in Strategic Management and Business Policy, New Delhi,Pearson.
4. Subha Rao, Business Policy and Strategic Management, Himalaya Publishing House,Mumbai

SEMESTER II

Paper 3: CO 223- QUANTITATIVE TECHNIQUES AND FINANCIAL ECONOMETRICS

Objectives:

1. To impart expert knowledge in the application of Quantitative Techniques and Business Econometrics in research.
2. To impart knowledge in the use of SPSS in processing and analysis of data.

Module 1 : Probability Theories: Introduction to probability-Certain and Impossible events-sample space-The complement of an event-Mutually exclusive events-Addition and Multiplication Rules for Probability- Independent and dependent events-Combinatorial probability-Conditional probability-Bayes Theorem/Law of total probability-Central Limit Theorem **(15 Hrs)**

Module 2: Probability Distribution: Binomial distribution-Bernoulli process, properties of binomial distribution, mean and standard deviation of binomial distribution-utility of binomial distribution-fitting of binomial distribution. Poisson distribution- meaning and properties of Poisson distribution, utility of Poisson distribution, fitting of Poisson distribution. Normal distribution-normal curve-properties of normal distribution, utility of normal distribution,- normal approximation to binomial distribution-normal approximation to Poisson distribution. Other probability distribution- beta distribution-exponential distribution. **(15Hrs)**

Module 3: Introduction to Financial Econometrics: Econometrics-Meaning, Methodology, Types; Econometric Models – Steps in modeling -Specification – Estimation and Validation Types of Economic Data – Time Series, Cross Sectional and Panel - Model Specification test – Ramsey Reset Test – Basic Understanding of Breakpoint- Least Square Estimates – Assumptions – Best Linear Unbiased Estimate (BLUE)– Spherical Errors–White Noise **(15Hrs)**

Module 4: Univariate and Multivariate Analysis(Basic concepts and simple problems only) Ordinary Least Squares (OLS) – Simple and Multiple Regression – Predictors and Predict and Normality of Distributions – Normality Test using descriptive statistics – Jarque- Bera statistic Stationary series- Level- First and second order differencing – Unit Root test – Augmented Dickey Fuller test -Linear Relationship of Variables – Correlation- Regression Results analysis – Individual Coefficient tests – t statistics and p values, Joint test – fit of goodness of model tests-R-squared, Adjusted R-squared, F statistics and p value, Serial correlation- Durbin Watson statistics-Basic difference between Multi-variate and Multiple regression. Multi collinearity - Coefficient Diagnostics – Variance Inflation Factor- Residual diagnostics – Correlogram Q Statistics, Correlogram of square Residuals, Histogram Normality, Heteroskedasticity.

(25 Hrs)

Module 5: Processing and Analysis of Data using SPSS: Introduction to SPSS- Features, Creating files and data entry, Preparation of frequency tables and graphs. Steps in data processing-checking, editing, coding, classification. Analysis of data-statistical tools, univariate, bivariate and multivariate-Measures of central tendency, dispersion, correlation, regression, t-test, Chi-square test, factor analysis and ANOVA.(20 Hrs)

References:

1. Fundamentals of Statistics for Business and Economics-V.K.Kapoor, Sultan Chand and Sons, New Delhi.
2. Statistics for Management-Levine, Pearson Education Asia.
3. Basic Econometrics (5th Ed), Damodar N Gujarati, Dawn C Porter and Sangeetha Gunasekhar, Mc Graw Hill Education (India) Edition 2012, ISBN: 978-0-07-133345-0 (13 digits) or 0-07-133345-2 (10 digits)
4. Analysis of Financial Time series (3rd Ed), Ruey S. Tsay, Wiley India Pvt Ltd, 4435-36/7, Ansari Road, Dharyaganj, New Delhi 110002, ISBN: 978-81-265-4893-4
5. Using Econometrics (6th Ed), A. H. Studenmund, Pearson, Education Limited, Indian edition published by Dorling Kindersley India Pvt Ltd, copyright © 2014 ISBN: 978-93-325-3648-7 First Impression 2015

Paper 4: CO 224 - INTERNATIONAL BUSINESS**Objective:**

- To introduce the concept of international business and to create awareness on the changes in the international business arena

Module 1: International Business -Meaning, Nature, scope and importance- Stages of internationalization of business-Methods of entry into foreign markets: Licensing-Franchising- Joint Ventures-Strategic Alliances- Subsidiaries and Acquisitions (Discuss case studies relating to subsidiaries and acquisitions)-Framework for analyzing international business environment- Domestic -Foreign and Global Environment-Recent Developments in International Business. **(20Hrs)**

Module 2: Theoretical Foundations of IB: Theory of Mercantilism- Theory of Absolute and Comparative Cost Advantage-Haberler's Theory of Opportunity Cost- Heckscher-Ohlin Theory- Market Imperfections Approach-Product Life Cycle Approach(Discuss case studies)- Transaction Cost approach-Dunning's Eclectic Theory of International Production **(20 Hrs)**

Module 3: Legal framework of International Business: Nature and complexities: Code and common laws and their implications to business-International Business contract- legal provisions, Payment terms. **(10Hrs)**

Module 4: Multi-Lateral Agreements & Institutions: Economic Integration – Forms: Free Trade Area, Customs Union, Common Market and Economic Union-Regional Blocks: Developed and Developing Countries- NAFTA- EU-SAARC, ASEAN-BRICS- OPEC-Promotional role played by IMF-World Bank & its affiliates- IFC, MIGA and ICSID-ADB-Regulatory role played by WTO&UNCTAD. **(25Hrs)**

Module 5: Multinational Companies (MNCs) and Host Countries: MNCs – Nature and characteristics- Decision Making-Intra Firm Trade and Transfer Pricing – Technology Transfer- Employment and labour relations- Management Practices- Host Country Government Policies-International Business and Developing countries: Motives of MNC operations in Developing Countries (Discuss case studies)-Challenges posed by MNCs

(15 Hrs)**References:**

1. Charles W.L. Hill, Global Business Today- University of Washington.
2. Charles W.L. Hill, International Business: Competing in the Global Market Place- Mc Graw Hill, New York.
3. Charles W. L. Hill, Chow How Wee & Krishna Udayasankar, International Business: An Asian Perspective- Mc Graw Hill, New York.
4. Donald Ball, Michael Geringer, Michael Minor & Jeanne McNett, International Business: The Challenge of Global Competition- Mc Graw Hill, New York.
5. Alan M Rugman & Simon Collinson, International Business: Pearson Education, Singapore.

Paper 5: CO 225- INVESTMENT MANAGEMENT

Objectives:

1. To provide a general understanding about investment avenues and personal finance.
2. To give a broader understanding about behavioural finance and how it equip to decide personal investment.

Module1: Investment

- a. **Conceptual Background To Investment:** Meaning & Definition Of Investment – Dimensions Of Investment – Economic, Physical & Financial Investment – Corporate Vs Personal Investment – Investment Objectives – Process Of Investment –Factors Affecting Investment - Investment, Speculation & Gambling.
- b. **Investment Avenues:** Security & Non-Security Form – Fixed Income Investment – Variable Income Investment – Direct & Indirect Investment – Mortgage – Reverse Mortgage – Securitisation Of Assets/Debts – Real Estate Investment – REI Valuation – Real Estate Investment Regulatory Authorities – SEBI Guidelines on REIT – Money Market Instruments (Repos & Tbs) – Capital Market Instruments (Equity, Debts & Hybrid) – Investment In Banks, Insurance Companies, Post Offices, Etc - Investment in Gold : Physical gold - Gold ETFs - Sovereign Gold Bond - Relative advantages and limitations.

(20 Hrs)

Module 2 : Principles of Financial Markets and Interest Rates: Principles of Financial Market – Online Trading – Depository System – Interest Rates – Nominal and Real Rates – Base Rate – LIBOR/LIBID etc – Term Structure Theories – Interdependence of Markets and Interest Rates.

(16 Hrs)

Module 3: Personal Finance: Meaning – Components of Personal Finance – Levels

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of Personal Finance (Basic, Advanced, & Application) – Financial Literacy – Personal Finance Principles – Personal Finance Planning – Essentials of Asset Planning – Insurance Planning – Investment Planning – Retirement Planning – Estate Planning – Tax Planning.

(20Hrs)

Module 4: Behavioural Finance : Investment Deciding Cycle – Judgment Under Uncertainty – Utility Preference – Expected Utility Theory – Information Screening – Biases – Information Processing – Bayesian Decision Making – Heuristic And Cognitive Biases – Forecasting Biases – Group Behaviour – Conformism – Hedging – Cornering – Investment Styles And Behavioural Pricing – Insider Trading – Circular Trading – Price Rigging.

(18Hrs)

Module 5: Financial Modeling Using Spreadsheet: Introduction To Modeling – Introduction To Spread Sheet – Database Framing – Creating Charts -Understanding Finance Function In Spread Sheet – Creating Model – Valuation – DCF Techniques.(Practicals)

(16Hrs)

Elective: FINANCE

SEMESTER III

Paper 1: CO 231U -INCOME TAX PLANNING AND MANAGEMENT

Objectives:

1. To impart deep knowledge about the latest provisions of Income Tax Act
2. To develop application and analytical skill of the provisions of Income Tax Law for Income Tax planning and Management.

Expected input

Basic knowledge and understanding about the fundamental concepts and computation of tax and Assessment procedure from B.Com.

Expected outcome

Students will get expert knowledge regarding the legitimate way of Tax Planning and Management under different Financial and managerial decisions after considering the impact of Direct Tax Laws.

Teaching Hours:108

No. of Modules: 6

Module 1: Overview of Income Tax law-Computation of Tax an Overview -Individual, Company ,Firm –Accounting Standards relating to Tax-Tax Information (10 Hrs)

Module 2: Tax planning and Management:- Meaning - Tax planning, Tax Evasion, Tax avoidance, Tax management – Differences- Nature and Scope of Tax Planning-Precautions in Tax Planning- Need for Tax Planning-Limitations- Tax Audit- Tax Planning in relation to Heads of Income -Concept of TDS/TCS -Advance payment-Computation- -Rebate 87A,88 – Relief u/s 89 , 90,91.Black Money Act 2005-Introduction-Features- Highlights-Importance. **(15Hrs)**

Module 3: Tax Planning And Management For Individuals:- Tax Incidence on Individuals- Significance-Taxable Income- hints for Tax Planning and Management-Impact of Tax on Financial Decisions-Alternative Minimum Tax (AMT)- Tax Planning For Employer and Employee-Documentation and Filing of Return- E-Filing- Tax Credit-TRACES- Refund-Appeal-Tax Return Preparators (TRP)- Procedures and rules-Settlement commission-Advance Ruling (16 Hrs)

Module 4:Tax Planning For Firm, Association of Person and Body of Individuals:- Tax incidence on Firm/AOP/BOI- Impact of Tax liability on Firm –Significance of Tax Planning- LLP-Sec: 184 & 185- Inter-transaction between partners and Firm – impact of Tax on Change in Constitution of Firm- Conversion Of Firm in to Company – Conditions Of 40(b) – Carry forward and Set off in case of Change in Constitution of Firm – Filing of Return-Appeal- Refund- Hints for Tax planning for Firm, AOP and BOI. (22Hrs)

Module 5: Tax Planning and Management for Company:- Types of Companies-Domestic and Foreign- Tax incidence on Companies- Impact of Income Tax on Corporate Decisions – Tax Planning and Management in Corporate Decisions – MAT Provisions- Computation-Application of IT in Tax Planning –Tax Planning For New Business- Tax Planning on Venture capital Companies – Tax Planning on Financial and Investment decisions – Capital structure-Dividend and Deemed Dividend- Dividend Distribution Tax-Bonus Shares- Make or buy – own or Lease – Repair or Replace-Employee Remuneration – Setting up of new business – Location Aspects – Amalgamation or Demerger – Filing of Return – E-Filing- Refund- Appeal- Methods and procedures – Annual Return for TDS and TCS – Hints for Tax Planning and Management. (25Hrs)

Module 6: International Taxation- Basic Concepts – Double Taxation Relief – Computation – DTAA – GAAR – Advance Ruling- Transfer pricing – transfer Pricing Law in India- Concepts of Arms length price – advance Pricing Agreement- Taxation of E-Commerce Transaction –Filing of Return- International Settlement Commission – Methods and Procedures. (20Hrs)

NB: i) Some case studies involving the learning

ii) Necessary inputs from B.Com Programme

References:

Books

1. Singhanian. V.K: Direct Tax planning and Management, Taxman,N.Delhi.
2. Singhanian.V.K: Direct Taxes Laws and Practices,Taxman, N.Delhi
3. E. A.Srinivas: Corporate Tax Planning;Tata Mc-GrawHill
4. Mehrihra HC: Direct Tax Planning
5. Kushal Kumar Agrawal: Direct Tax Planning and Management; Atlantic Publishers
6. Bhagavath Prasad: Direct Tax Law andPractice
7. LakhotiaR.N: Corporate TaxPlanning
8. CA G.Sekar: professional guide to TaxAudit

Journals and Circulars

1. Chartered Accountant Today, Tax man for CurrentReading

SEMESTER III

Paper 2: CO 232F- SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT

Objectives:

1. To provide a comprehensive understanding on the principles of security analysis and develop the skill in portfolio management.
2. Equip the students to value the real worth of securities.

Module 1: Fundamental Analysis: Sources of Investment Information - Intrinsic Value – Dimensions of Fundamental Analysis – Analysis of Economy-wide Factors (Study of Economic Aggregates, Classification of Factors into indicators, Forecasting about the Economy & Conclusion of Economic Analysis) – Analysis of Industry-wide Factors (Study of Industry Life Cycle, Study of Qualitative & Quantitative Factors & Conclusion) – Analysis of Company-wide Factors (Financial Performance Analysis, Analysis of Qualitative Parameters, & Conclusion) – Estimation of Intrinsic Value – End Result of Fundamental Analysis. **(10Hrs)**

Module 2: Technical Analysis: Premises of Technical Analysis – Type of Charts – Tools of Technical Analysis – Prediction of Overall Market Trends (Dow Jones Theory, Elliot Wave Theory, Advance Decline Index, & Client Account Position) – Prediction of Individual Share Trends (Moving Average Analysis, Oscillators- MACD, ROC & RSI-Chart Patterns) – Confirmation through Traded Volume – Efficient Market – Efficiency of Indian Stock Market – Efficient Market Hypothesis Basics of EMH – Forms of Market Efficiency (Weak Form, Semi-Strong Form, & Strong Form)– Test of Market Efficiency –RUN Test. **(20Hrs)**

Module 3: Valuation of Securities: Concept and Factors Affecting Valuation - Yield-Holding Period Return (HPR) – Yield Till Maturity (YTM) - Return & Risk – Risk-free Return & Risk Premium – Valuation of Fixed Income Securities – Valuation of Debenture/Bond – Valuation Mechanism (Valuation of Redeemable Debenture,

Valuation of Deep Discount Debenture/Bond, Valuation of Non-redeemable Debenture, & Valuation of Convertible Debenture) – Valuation of Preference Shares – Valuation of Equity Shares (Dividend Capitalisation/Constant Growth Model, Multi-Stage Growth/Super Normal Growth in Dividend, & Price-Earnings Ratio Model) – (Illustrations) **(20Hrs)**

Module 4: Portfolio Management: Meaning of Portfolio – Notions/Principles (Notion of Diversification & Notion of Negative Correlation) – Measurement of Return of Individual Securities & Portfolio (Historical Return/Ex-Post Returns and Expected Return/Ex-Ante Returns)– Measurement of Risk (Systematic & Non-Systematic) of Individual Securities & Portfolio- Concept of Beta–Portfolio Theories/Approaches (Traditional Portfolio Theory & Modern Portfolio Theory)–Portfolio Construction under Traditional Approach – Features of Traditional Approach & Portfolio Management Process.(Illustrations) **(18Hrs)**

Module 5: Modern Portfolio Theory: Principles of MPT – Concept of Efficient Portfolio, Efficient Frontier, Market Portfolio, & Managed Portfolio – Characteristics Line – Markowitz Portfolio Theory/Mean – Variance Criterion of Markowitz – Assumptions – Markowitz Portfolio Construction Process – Markowitz Portfolio Selection using Utility Curve – Sharpe’s Single Index Model – Construction of Efficient Portfolio – Capital Assets Pricing Model (CAPM) – Concept of Risk-free Assets and Risky Assets – Assumptions of CAPM – Concepts of Lending & Borrowing in Construction of Portfolio – Application of CAPM (CML & SML) – Factor Model – Fama French Three Factor Model - Arbitrage Pricing Theory (APT)–(Illustrations) **(20 Hrs)**

Module 6: Portfolio Revision and Evaluation: Portfolio Revision – Need – Factors Affecting Portfolio Revision – Revision Strategy (Active Revision Strategy & Passive Revision Strategy) – Index Portfolio – Tracking – Formula Plans – Constant Rupee Value Plan – Constant Ratio Plan – Variable Ratio Plan – Rupee Cost Averaging – Merits & Demerits of Portfolio Revision–Portfolio Performance Evaluation – Need–Benchmarks,SharpeRewardtoVariabilityRatio–TrenorRewardtoVolatility

Ratio – Jensen’s Performance Index – Fama’s Decomposition Model. (Illustrations) **(20 Hrs)**

References:

1. Bhalla V K, Fundamentals of Investment Management, S Chand &Co.
2. Donald E Fisher and Ronald E Jordan, Security Analysis and Portfolio Management, PearsonEdn.
3. Kevin S, Security Analysis and Portfolio Management,PHI
4. Prasanna Chandra, Investment Analysis and Portfolio Management,TMH
5. Punithavathy Pandian, Security Analysis and Portfolio Management, Vikas Publications
6. Reghunathan, Investment Analysis and Portfolio Management, PearsonEducation
7. Dhanesh Kumar Khatri, Security Analysis and Portfolio Management, Trinity Press
8. Sidney Cottle, Roger F Murray & Frank E Block, Security Analysis,TMH

SEMESTER III
Paper 3: CO 233 F- INTERNATIONAL FINANCIAL
MANAGEMENT

Objectives:

- To familiarise the students with the international financial markets and instruments.
- To convey an understanding about foreign exchange risk management

Module 1: International Financial Management- Meaning and Scope of international financial management- Financial Management of MNCs-Components of global financial markets -Recent trends in global financial markets. **(13Hrs)**

Module 2 : Foreign Exchange Market- Exchange Rate Mechanism-Exchange Rate theories -Gold Standard-Bretton Woods System -Fixed Parity System-Floating Rate System- Independent Float and Managed Float-Currency Pegging: Pegging to single Currency -Pegging to basket of Currencies - Pegging to SDRs (Special Drawing Rights) convertibility of Indian rupee-Balance of Payment and Exchange rate. **(25 Hrs)**

Module 3: Foreign Exchange Risk Management-Markets for Foreign Exchange and Derivatives, Market for Currency Futures, Currency Options and SWAPS –Risk management computation--Challenges **(15 Hrs)**

Module 4: International Financial Instruments- Equity instruments -ADR-GDR-IDR- Debt instruments -Foreign Bonds, Euro Bonds, Global Bonds, Convertible Bonds- Floating Rate Notes - Quasi instruments –Euro Notes- - Financial Swaps-Parallel loans and Back to back loans **(20Hrs)**

Module 5: Foreign Direct Investment-Meaning-Types-Theories of Foreign Direct Investment--Current issues in Foreign Direct Investment –FDI in India- Opening up of

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various sectors-Foreign Institutional Investors(FIIs) –Role of FIIs **(20Hrs)**

Module 6: International Investment Decisions -- Appraisal of Foreign and Domestic Projects -Risks involved in International Investment Decisions-currency risk-political risk-inflation risk-country risk **(15 Hrs)**

References:

1. Ian H. Giddy, 'Global Financial Markets' AITBS
2. Kirt C. Butler, 'Multinational Finance' Thomson southwestern
3. Thummuluri Siddaiah, 'International Financial Management', Pearson Education, New Delhi, 2010
4. S. Kevin, 'Fundamentals of International Financial Management', Prentice Hall of India, New Delhi., 2016
5. Gururam S. 'Global Financial Institutions', Vijay Nicole and Tata McGraw Hill

SEMESTER III

Paper 4: CO 234F- STRATEGIC COST AND MANAGEMENT ACCOUNTING

Objectives:

- (i) To comprehend and familiarize the established techniques, methods and practices in Strategic Cost and Management Accounting to the students.
- (ii) To introduce the evolving Strategic approaches and techniques in Cost and Management field and to developed industrial behaviour among the students in the emerging business areas.

Module 1: Marginal Costing Techniques for Decision Making – Meaning of marginal cost and marginal costing. Role of Marginal costing in decision making-fixation of selling price, Accepting additional orders, Quotations, Make or buy decisions, Key Factor Analysis, Own or Lease, Sell or further process, Closing down or suspending activities.

(15Hrs)

Module 2 : Process Costing Application - Features of Process Costing and its applications in different situations- Inter process profits, Work-in-Progress, Accounting for Equivalent Production and its procedure under different cases namely- (a)When there is only closing work-in-progress with no process losses. (b)When there is only closing work-in-progress with process losses (c) When there is opening as well as closing Work in Progress with no process loss.

(20Hrs)

Module 3 : Standard Costing and Variance Analysis- (a)Material Variance, Material cost variance, Material price variance, Material usage variance, Material Mix Variance, Material Yield Variance, (b) Labour Variance-Labour cost variance, Labour Efficiency variance, Labour Idle time variance, Labour Mix Variance, Labour Yield Variance,(c) Overhead Variance- Fixed overhead variance, Variable overhead variance, Volume Variance, Expenditure variance, Capacity variance, Calendar Variance, Efficiency Variance (d)Sales Value Variance-Total Sales Variance, Sales price variance, Sales Volume Variance, Sales Mix Variance, Sales Quantity Variance. Sales-Margin

variance. (e) Reconciliation of Budgeted Cost and Revenue with the help of Variances.

(25Hrs)

Module 4 : Transfer Pricing Applications- Concept, Measurement of Divisional performance, Alternative Transfer pricing methods-Market based Transfer pricing, Marginal cost Transfer pricing, Full cost Transfer pricing, Cost plus mark up Transfer pricing, Negotiable Transfer Pricing, Marginal cost and Opportunity cost Transfer pricing, International Transfer pricing.

(10Hrs)

Module 5 : Strategic cost & Management Accounting- Cost Accounting Standards, Importance of Cost Accounting Standards, Revenue Management Concept- (Importance to Production Channel and Customer Profitability Analysis). Enterprise Performance Management (EPM) - Concept, meaning and importance, Application of EPM in Cost and Management Accounting. Strategic Concepts and Applications in Cost and Management Accounting(a)Concept of Better Decision,(b)Business Intelligence, (c) Strategic map, (d) Driver Caused Budgeting. : Customer Relationship Management (CRM) - Concept, Meaning Importance. CRM Practices in Cost and Management Accounting (a) Predictive Accounting (Importance to Decision Making), (b) Trend Analysis, (c) Decision Support System, (d) Cost Planning, (e) Economic Analysis (Concepts, Tools and Applications), (f) Sunk Cost, (g) Life cycle Cost, (Theory only)

(28 Hrs)

Module 6 : Business Analysis Embedded in Enterprise Performance Management- (a) Optimisation Techniques, (b) Predictive Methods, (c) Statistical and Operational Analysis.(Basic Practical Problems only). Behavioral Cost management- (a) Skill Development, (b) Tech-production, (c) Bench marking, (d) Enterprise resource Planning (ERP), (Advanced Concepts Only).

(10Hrs)

References :

1. Advanced Cost and Management Accounting SP Jain, KL Narang, Simmi Agrawal, Kalyani Publishers, NewDelhi.
2. Prasad.N.K. Advanced Cost Accounting, Book syndicate Pvt. Ltd,Kolkata
3. Khan.M.Y. and Jain P.K. Advanced Cost Accounting, Tata McGraw Hill Publishing Co.Ltd.NewDelhi.
4. Arora M.N. Principles and Practices of Cost Accounting-Vikas Publishing House New Delhi
5. Maheswari SN. Cost and Management Accounting, Sultan Chand and Sons,NewDelhi.
6. Thulsian.PC. Practical Costing, Vikas Publishing House NewDelhi
7. Colin Drury, Management and Cost Accounting, Cengage Learning India Pvt .Ltd, New Delhi.
8. Horngren, Foster and Datar, Cost Accounting A Managerial Emphasis, Prentice Hall of India Pvt.Ltd, NewDelhi

SEMESTER IV

Paper 1: CO 241W- GOODS AND SERVICE TAX & CUSTOMS DUTY- LAW AND PRACTICE

Objectives:

1. To gain expert knowledge of the principles and law relating to Goods and Service Tax and Customs Act.
2. To impart skill in applying and analysing the provisions of Goods and Service Tax Act and Customs Act in handling practical situations.

Module 1: Introduction: Meaning and Definition of Indirect Taxes-Nature-Scope-Constitutional provisions-Advantages-Disadvantages-Difference between Direct and Indirect Taxes- Types-Milestones in the history of Indirect Taxation in India. (10 Hrs)

Module 2: Basic Provisions of GST: Introduction-Meaning-Features-Historical backdrop of Goods and Service Tax-Major Indirect Taxes merged in to Goods and Service Tax-Benefits of GST-Economy, Industry and trade, tax payers-Types of GST-CGST-IGST-SGST- UTGST Schedules-Rate of GST- Kerala GST Provisions. (20 Hrs)

Module 3: Main Provisions of GST - Main Provisions: Provisions relating to Compensation(GST)Law-Definitions of important terms-Levy of Tax-Collection-relating to Place, Time and Value of Supply-Different meaning of supply- Composite Supply-Mixed supply- Scope of Supply- Taxable Supply- E-Commerce-Supply Chain –GST Exemption limit- Tax Invoice-Credit and Debit Notes-Valuation Rules-Computation Tax- Input tax Credit(ITC)-Registration-procedures-Deemed Registration-Cancellation of Registration- Accounts and Records- Period of Retention of Records- Presumption as to Documents>Returns- Annual-Final-Payment of Tax-Information Technology in GST-Audit- Special Audit-Assessment-Refund-Consumer welfare Fund-GST Practitioners-TDS/TCS. (23Hrs)

Module 4: Administration of GST:- GST- Council-Authorities-Inspection-search seizure-Arrest-Demand-Recovery—Liability to pay tax in certain cases- -Advance Ruling- Authority and Appellate Authority-GSTN-Information infrastructure for GST.

(15 Hrs)

Module 5: Appeals And Revisions under GST.: Appeals-Appeal to High Court-Appeal to Supreme Court- Revisions-Offences- Compounding of Offences-Penalty-Transitional provisions-IGST Provisions- Inter-state Supply- Intra-state supply- Zero rated Supply- Imported Supply- Transfer of ITC-Compensation Rules- Base year Revenue-Projected Revenue-Miscellaneous provisions-Interest-Job Work Procedure-Deemed Export.

(20Hrs)

Module 6: Customs Duty: Definition of Customs Duty- Objectives Role of customs duty in International trade--Importance-Demerits-Important definitions-Basis of determining customs Duty- Types of Duties-Anti-dumping Duties-Import and Export manifest—Specified Goods- Stores-Warehouses-Export Policy-Customs Duty Authorities and Powers Assessment Procedures--Penalties and Prosecutions-Appeals and Revisions-Tax liability and Valuation of Goods-Baggage Rules-Import Procedure and Documents-Export Procedure and Documents.

(20 Hrs)

Input—Basic Awareness from B.Com and First Semester M.Com

References:

1. Hand Book of GST in India Concepts and Procedures(2017Edition) -Rakesh Garg &Sandeep Garg - Bloomsbury IndiaPublications
2. GST in India-Rakesh Garg &Sandeep Garg, Bloomsbury IndiaPublications
3. All About GST-V.S Datey-Taxman Publications.
4. GST Law, Concept & Impact Analysis-Dr. SanjivAgarwal
5. GST Law & Analysis with Conceptual Procedure-Bimal Jain & Isha Bensal-YoungGlobal
6. An Insight of GST in India-ICWAI, Vol:1&2

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7. Indirect Taxes-Dr.H.C Mehrotra & Prof. Agarwal, Sahitya Bhavan Publishers, Agra.
8. Indirect Taxes-V.S Datey, Taxman Publications NewDelhi.
9. Indirect Taxes –Dr.V.Balachandran, Sultan Chand and Sons,NewDelhi.
10. GST Bare Acts, Rules, Notifications &Circulars

SEMESTER IV

Paper 2: CO 242F- RISK MANAGEMENT AND DERIVATIVES

Objectives:

1. To understand the risk management process and its application
2. To give a broader awareness on derivatives and its applications

Module 1: Basic Concepts in Risk : Meaning of Risk And Uncertainty – Chance of Loss And Loss Forecasting - Pure And Speculative Risk – Objective And Subjective Risk – Fundamental And Particular Risk – Enterprise Risk (Pure, Speculative, Strategic, Operational, & Financial Risks) – Financial Risk (Price, Credit, Interest Rate, Foreign Exchange & Value of Money) – Difficulties in Categorization of Risk – Method of Handling Risk – Financial Analysis In Risk Management Decision - Link Between Cause, Event And Effects – Burden of Risk on Society. **(12 Hrs)**

Module 2: Introduction to Risk Management: Meaning And Definition of Risk Management – Objectives of Risk Management –Steps in Risk Management Process (Identify And Analyse Loss Exposures, Select The Appropriate Techniques, Implement And Monitor RM Programme) – Benefits of Risk Management – Personal Risk Management – The Changing Scope of Risk Management – Enterprise Risk Management(ERM) – Risk Management Tools And Techniques – Relation Between Risk Management, Compliance, and Audit – Governance, Risk And Compliance (GRC) – Insurance As a Risk Transfer Mechanism – Insurance Market Dynamics.

(20 Hrs)

Module 3: Introduction to Derivatives: Concept, History, And Economic Benefits of Derivatives – Underlying Asset, Margin Requirements, Settlement of Transactions, Lot Size – Classification of Derivatives (Exchange Traded Vs. OTC Derivatives Market, Commodity And Financial) –Derivatives Market In India-Traders In Derivative Markets – Derivatives Trading At NSE – Currency Derivatives Market–Commodity Derivatives Trading In India – Commodity Exchanges - **Forward Contracts** (Features, Payoff From Forward Contracts, Forward Price) – **Future Contracts**(Features,

Difference Between Forward And Futures) – **Option Contracts** (Features, Payoff From Option Contract, Factors Affecting Price of Option Contract, Call Vs. Put Options, American Vs. European Options) – **Index Futures** – **Swaps** (Features & Types).

(20 Hrs)

Module4: Hedging/Risk Management through Derivatives: Meaning – Types – Short Hedge Through Option, Futures, & Index Futures –Long Hedge Through Option, Futures, Index Futures – Credit Derivatives (Credit Default Swap & Total Return Swap) - Special Issues In Derivates (Synthetics, Multi-Period Option, & Compound Option) – Combination And Spread – Exotic Options (Asian Option, Barrier Option & As You LikeIt)–Hedging Strategies With Index Futures, Options, & Swap – Speculative Trading Strategies – Arbitrage Strategies With Options. (20Hrs)

Module 5: Pricing/Valuation of Derivatives: Option Pricing – Binomial Model (One-Step Binomial Process & Two-Step Binomial Method) – Continuous Time Model – Volatility – Estimated And Implied Options And Dividend Paying Assets Warrants And Convertibles - Black & Scholes Model – Options Delta, Gamma, Vega, Theta, Rho – Future Pricing –Spot And Forward Contract - The Cost of Carry Model - Reverse Cost of Carry – Pricing By Arbitrage Process. (18Hrs)

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Module 6: Accounting for Derivatives: Accounting treatment in case of Equity Index/Stock Option – Accounting treatment in respect of equity stock option in case of delivery settled options – Accounting for Open Option at the end of an accounting period – Accounting for Equity Stock Options –Accounting for daily receipt/payment of margin - Disclosure to be made in Financial Statement – Guideline of ICAI (18Hrs)

References:

1. Kumar S S S, Financial Derivatives, PHI
2. Michel Crouhy, Dan Galai and Robert Mark, The Essential of Risk Management, The McGraw Hill Companies
3. John C Hull, Risk Management in Financial Institutions, John Wiley and Sons Inc
4. Rangarajan K Sundaram, & Sanjiv R Das, Derivatives: Principles and Practice, McGraw Hill Edu (India) Pvt. Ltd.
5. Bharati V. Pathak, The Indian Financial System – Markets, Institutions, & Services, Pearson
6. Dhanesh Kumar khatri, Security Analysis and Portfolio Management, Trinity Press
7. George E. Rejda, Principles of Risk Management and Insurance, Pearson
8. Ravi. M Kishore, Advanced Accounting with Accounting Standards, Taxmann.
9. Ravi. M Kishore, Strategic Financial management, Taxman

SEMESTER IV

Paper 3: CO 243F- ACCOUNTING STANDARDS

Objective

To acquaint the students to understand the structure, process and organizational set up involved in evolving accounting standards in India. To enable the students to apply some key standards while preparing and presenting the financial statements Course.

Module 1: Accounting Bodies—International Accounting Standards Board—Institute of Chartered Accountants of India—Accounting Standards Boards—Procedure adopted by ASB in formulating Accounting Standards—Companies Act 2013 and Accounting Standards—Need for accounting standards—International Accounting Standards and IFRS—Convergence with IFRS. (15 Hrs)

Module 2 :Disclosure of Accounting Policies (AS 1)—Accounting Policies Valuation of Inventories (AS 2)—Measurement-- Cost of purchase—Cost of conversion—Joint costs—Treatment of borrowing cost—Cost formulae—Specific identification method—FIFO, Weighted Average Cost—Standard Cost—Retail Inventory Method—NRV—Valuation of inventory below cost. Revenue Recognition (AS 9)—Sale of goods—Rendering of service—Completed service contracts—Proportional completion method. (20Hrs)

Module 3 : Accounting for fixed assets (AS 10) —Gross and Net Book Value—Composition of Cost—Self Constructed Assets—Exchanged Assets—Improvement and repairs to fixed asset—Retirement and Disposal—Revaluation of Fixed Assets Depreciation Accounting (AS 6)—Historical Cost—Estimated Residual Value—Depreciation Policy—Change in method of depreciation—Change in measures of depreciation amount (Estimated life, Estimated resale value and historical cost)—Additions and Extensions—Assets involving liabilities in foreign currency. Intangible Assets (AS 26)—Monetary Assets—Non-Monetary Assets—Acquired intangible assets—Exchange for another assets—IA arising from amalgamation—IA out of Govt. grants—Internally generated goodwill—Amortisation of IA. Service contracts—Proportional completion method. (20Hrs)

Module 4: Accounting for Leases (AS 19)—Finance Lease—Operating Lease—Minimum Lease Payments—Gross investment in leases—Interest rate implicit in leases—Accounting treatment in the books of lessee and lessor—Sub leases by lessee
Segment Reporting (AS 17)—Business Segment—Geographical Segments—Reportable Segments—Identification Tests—Primary and Secondary Segments.

(20 Hrs)

Module 5: Earning Per Share- AS 20- Financial Instruments- Financial Liability- Potential Equity Shares- Dilutive Non- Dilutive Potential Equity Share- Profit Available to Equity Shares- Weighted Average Number of Equity shares. Basic EPS- Restatement of EPS-Diluted EPS

(15Hrs)

Module 6: Impairment of Assets (AS 28)—Net Selling Price—Value-in-Use—Recoverable Amount—Carrying Amount—Impairment Loss—Cash Generating Units—Goodwill—Top Down and Bottom up tests—Corporate Assets—Reversal of Impairment Loss Accounting for Taxes on Income (AS 22)—Deferred Tax—Current Tax—Impact of Timing Difference—Measurement of Tax Expenses—Reasonable certainty and Virtual certainty—Criteria offsetting off.

(18Hrs)

References

- Asish K Bhattacharjee, Tata Mc Graw Hill, . Indian Accounting Standards
- Israr Shaikh and Rajesh Makkar, Lexis Nexis. Accounting Standards
- Rajkumar S Adukia, Lexi Nexis, Indian Accounting Standards
- Rawat D S—Taxman Accounting Standards
- Vijayakumar M.P, Snow White, Chennai - Accounting Standards

SEMESTER IV

Paper 4: CO 244S- MANAGEMENT OPTIMIZATION TECHNIQUES

Objectives:

1. To convey basic principles and application of optimization tools of resource utilization.
2. To provide an insight into optimal project implementation Techniques under deterministic and probabilistic conditions.

Module1: Optimization Techniques: Introduction-Definition-Nature and Importance-Steps in Intelligent decision making- Modelling Techniques **(8 Hrs)**

Module 2: Linear Programming: Introduction-Formulation of LPP-Maximize, Minimize, objective function-Constraints and non-negativity conditions-Graphical solution-Optimal solution-Infeasible and unbounded solutions-degeneracy-Simplex method-slack, surplus and artificial variables-Duality-Primal and dual problems

(22Hrs)

Module 3: Transportation and Assignment Problems: Transportation Problems- Initial basic feasible solution using North West Corner Rule, Lowest Cost Entry Method and Vogel Approximation Method-Optimal solution-MODI method- Degeneracy, Unbalanced and Maximization in Transportation Problems. Assignment Problems- Hungarian Method-Maximization, Unbalanced and Restricted Assignment Problems- Travelling Salesman Problems. **(23 Hrs)**

Module 4: Game Theory: Game Theory- Pay off matrix- Maxim in and Minimax – Saddle point-Solution of pure and Mixed strategy games- Graphic Method-Principle of dominance-Arithmetic Method. **(15 Hrs)**

Module 5: Optimization Techniques: Replacement Theory- Replacement of Capital Items and items that fail completely- Individual and Group replacement policy. Queuing Theory-Models (simple problems); Inventory models-computation ; Simulation-MONTE CARLO Method and Random Numbers. **(15Hrs)**

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Module 6: Project Scheduling and Monitoring: Network Analysis-Critical Path Method-Scheduling and Control of Projects-Free, Independent and Total Float(slack)- PERT-time estimates and Probability of completion-cost/time trade off analysis-Crashing of projects and resource considerations **(25 Hrs)**

References:

1. J K Sharma – operation Research – Theory and Practice – MacMillian.
2. John M. Nicholas, Project Management for business and Technology – Problems andpractice.
3. Harvey M Wagner - “Principle of Operation Research, PH Learning Pvt.Ltd.
4. Management operations Research – Satya Narayanan, LalithaRaman.
5. Operations Research Hamdy ATaha
6. Operation Research – V.K.Kapoor.
7. Operation Research – S.D.Sharma.