

*II SEMESTER*

Subject Code	Title of the Paper	Hours per week	Total Marks	Credits	
P516 MC 201	Financial Reporting and Analysis	4	100	4	
P516 MC 202	Forex and Derivatives	4	100	4	
P515 MC 203	Securities Analysis and Portfolio Management	4	100	4	
P515 AR 201	Business Information System	3	100	3	
P515 AR 202	International Business Environment	3	100	3	
P115 AO 201	Retail Analytics /French	3	100	3	
P115 ACBE 201	Analysis of Current Business and Economics – II (VALUE ADDED COURSE)	2		Grade Points	1
P115 QTLR 201	Quantitative Techniques and Logical Reasoning- II (VALUE ADDED COURSE)	2			1
P115 EA 201	Extension Activity				1
<b>TOTAL</b>			<b>25</b>		<b>24</b>

## **P516 MC 201: FINANCIAL REPORTING AND ANALYSIS**

### **Objectives:**

1. *To orient the students about annual report and financial statements.*
2. *To impart knowledge on reporting of financial information in statements in adherence to the mandatory requirement.*
3. *To make understand the disclosure requirements for enabling eliciting of information for decision making.*
4. *To impart skill on analyzing financial statements.*

### **Module 1:**

#### **ORIENTATION TO ANNUAL REPORT AND FINANCIAL STATEMENTS**

**Annual Report** – Contents of Annual Report and Purpose of each item; Financial Statements - Meaning, Purpose and Format of Income Statement, Balance Sheet and Notes to Accounts **IND AS** per Schedule III of Companies Act, 2013;

Environmental Reporting and Corporate Social Reporting.

### **Module 2:**

#### **ACCOUNTING CONCEPTS, CONVENTIONS AND STANDARDS - I**

**Accounting Concepts:** Income Statement Concepts and Balance Sheet Concepts; Accounting Conventions.

**Accounting Standards:** Accounting Standard (IND AS) 1 – Presentation of financial statements, (IND AS) 2- [Inventories](#), (IND AS) 8- Policies, Changes in Accounting Estimates and Errors, (IND AS) 10 Events after the Reporting Period, (IND AS) 16 Property, Plant and Equipment, (IND AS) 18 Revenue.

### **Module 3:**

#### **ACCOUNTING CONCEPTS, CONVENTIONS AND STANDARDS – II**

(IND AS) 13- [Accounting for Investments](#), (IND AS) 21- Effects of changes in Foreign Exchange, (IND AS) 23 Borrowing Costs, (IND AS) 24- [Related Party Disclosures](#), (IND AS) 17 Leases, (IND AS) 33- [Earnings Per Share](#), (IND AS) 12 Income Taxes, (IND AS) 34 – Interim Financial Reporting, (IND AS) 38- [Intangible assets](#), (IND AS) 36 - [Impairment of assets](#), (IND AS) 37 - [Provisions, Contingent Liabilities and Contingent assets](#),

### **Module 4:**

## **Ind IND AS AND IFRS**

Implementation and Applicability in India, List of Ind IND AS [Indian Accounting Standards] issued on date - International Accounting in Current Scenario – List of International Financial Reporting Standards. Difference between Companies Accounting Standard Rules, 2006 and IND IND AS.

### **Module 5:**

#### **ANALYSIS OF FINANCIAL STATEMENTS**

Meaning and Purpose of Financial Statement Analysis; Tools and Techniques of Financial Statement Analysis – Ratio Analysis, Cash Flow Analysis, Prospective Analysis.

#### ***BOOKS FOR REFERENCE:***

1. *Wild, Subramanyam and Halsey, “Financial Statement Analysis”, Tata Mc Graw Hill*
2. *Vijaykumar M P, “First Lessons in Financial Reporting”, Snow White.*
3. *Vijaykumar M P, “First Lessons in Accounting Standards”, Snow White.*

## **P516 MC 202 : FOREX AND DERIVATIVES**

### **Objectives:**

*Forex management may be defined as the science of management of generation, use and storage of foreign currencies in the process of exchange of one currency into other called foreign exchange. Knowledge of the forex management can help avoid harmful effects of international events and perhaps even profit from these events. With the advent of globalization and liberalization the scope for international trade and international financing has increased tremendously. International trade has grown more quickly than trade in general. This has necessitated the study of Forex management and derivatives by the finance executives.*

### **Module 1:**

Nature of foreign exchange, sources of demand for and supply of foreign exchange – the balance of payments (bop) framework, equilibrium and disequilibrium in bop; nominal, real and effective exchange rates; competitive determination of rate of exchange – competitive mint par theory, monetary theory and portfolio balance approach purchasing power parity theory; overvalued and undervalued currencies; fixed, flexible and hybrid exchange rate systems; International Monetary System.

### **Module 2:**

Nature functions and participants of foreign exchange market; spot and forward markets; forward premium; methods of quoting exchange rates; cross rates of exchange; bid-ask spreads; relation between exchange rate interest rate and inflation rate; the Interest Rate Parity Theorem; Covered interest Arbitrage theory, the expectation theory; International Fisher Effect.

### **Module 3:**

**Futures and Options :** Stock futures - Index futures stock options - Index options - Trading Futures – Pay-off of futures, theoretical models for future pricing. Trading options – option pay outs, option strategies, determination of option prices and factors affecting option prices. Derivatives trading on NSE – using daily newspapers to track F&O, accounting and taxation.

**Equity Derivatives:** Introduction, definitions of basic derivatives, put options, call options applications of derivatives and derivatives as a risk management tool.

**Currency derivatives:** Currency Forward Currency futures, currency options and currency swaps; measuring foreign exchange risk and exposure; techniques of exposure management.

#### **Module 4:**

**Interest Rate Derivatives** - Forward Rate Agreement - Interest rate guarantee - Interest rate Caps - Interest rate Floor - Interest rate collar - Interest rate ceiling - Interest Rate Futures - Interest Rate Options - Interest Rate Swaps

#### **Module 5:**

**Credit Derivatives:** Credit Derivatives Types of Credit Derivatives  
Credit Default Swaps (CDS)- Total Return Swaps (TRS) - Credit Link Notes (CLN):

Some Modern Credit Derivatives

Stripped Mortgage Backed Securities - Interest only securities - Principal only - securities”  
- Structured Notes - Swaps - Warrants - Leap - Swaptions

#### **Module 6:**

**Trading, Clearing, Settlement in Currency Futures** - NSE membership – categories, eligibility and criteria, future contract specifications, trading system, placing orders, client broker relationship. Clearing, settlement through margins of different kinds, clearing entities and settlement mechanism.

#### **BOOKS FOR REFERENCE:**

1. N.D. Vohra & B.R. Bagrii, Futures and Options, 2<sup>nd</sup> edition, 1998 (9<sup>th</sup> reprint 2009), Tata McGraw-Hill Publishing Company Ltd.
2. Red Head: Financial Derivatives: An Introduction to Futures, Forward, Options, 1997, Prentice Hall of India.
3. Glenlake, Currency Risk Management, Currency Futures, Fitzroy Dearborn Publisher
4. A Graham, Currency Futures, Routledge, 2001 edition
5. Buckley A, Multinational Finance, Prentice Hall of India, New Delhi
6. Maurice D. Levi, International Finance, McGraw Hill, NY
7. Paul Einzip, A Textbook on Foreign Exchange
8. Apte, P.G. International Financial Management, Tata McGraw Hill, New Delhi
9. Madura Jeff: International Financial Management, Cengage Learning, New Delhi
10. Shapiro Alan C: Multinational Financial Management, Prentice Hall, New Delhi
11. Jeevanandam: Foreign Exchange - Practice, Concepts & Control Sultan Chand & Sons.

#### **Text books:**

1. Equity Derivatives: A Beginner’s Module, Workbook from NSE.
2. Currency Derivatives: A Beginner’s Module, Workbook from NSE.

## **P515 MC203: SECURITY ANALYSIS & PORTFOLIO MANAGEMENT**

### **Objectives:**

1. *To Provide Students with a Conceptual & Analytical Framework of Evaluating a Security.*
2. *To Provide Students with a Conceptual & Analytical Framework of Different Financial Instruments, their Risk & Returns & Strategies in Managing Funds.*
3. *To Familiarize Students with Portfolio Management Techniques that Challenge a Financial Manager.*

### **Module 1:**

**Introduction to Securities & Investment** - Concept, Investment Vs. Speculation, Arbitrage, Gambling, Investment Objective, Investment Process, Investment Constraints, Investment Strategy, Selection of Securities, Buying, Selling, & Holding Decisions & Strategies, Market Indices, Credit Rating Agencies – Process and Functions.

### **Module 2:**

**Risk & Return** - Expected Return, Historical Return, Systematic & Unsystematic Risk, Beta Coefficient, CAPM, SML & CML, Factor Model & Arbitrage Pricing Theory.

### **Module 3:**

**Security Analysis** - Fundamental Analysis, Economic Analysis, Economic Forecasting, Indicators, Industry Analysis, Classification Schemes, Industry Life Cycle, Company Analysis, Measuring Earnings, Forecasting Earnings, Technical Analysis, Charting, Different Tools for Technical Analysis, Efficient Market Hypothesis.

### **Module 4:**

**Financial Instruments** - Corporate Bonds, Government Bonds, Special Bonds, Bond Returns, Bond Management Strategy, Equity Shares, Dividend Policy, Money Market Instruments, ADRs, GDRs and Recent Innovative Instruments.

### **Module 5:**

**Derivatives** - Financial Derivative Markets, Global Perspectives, Indian Context, Options – Types, Pricing, Models, Futures, Kinds of Futures, Swaps, Warrants & Convertibles, Valuation & Analysis of Derivatives, Hedging and Speculation.

### **Module 6:**

**Portfolio Analysis & Management** - Risk & Return, Markowitz Model, Risk Return Optimization, Sharpe Portfolio Optimization, Portfolio Investment Process, Investment Timing & Evaluation, Portfolio Revision, **Mutual Funds**, Managed Portfolio & Performance.

### **BOOKS FOR REFERENCE:**

1. *Avadhani. V. A.: Security Analysis & Portfolio Management, Himalaya Publishing House.*
2. *Bhalla. V. K.: Investment Management, S. Chand*
3. *Fischer & Jordan: Security Analysis & Portfolio Management, Prentice Hall.*
4. *Prasanna Chandra: Investment Analysis & Portfolio Management, Tata McGraw Hill.*



## **P515 AR 201 – BUSINESS INFORMATION SYSTEM**

### **Objectives:**

*To equip students with knowledge and skills of information system needed to succeed in any work place. This programme focuses on new generation information system specially e-commerce with importance to EDI, EPS, Internet Applications.*

### **Module 1:**

**Management Information System , Importance of a System & IT** – Importance, functions, characteristics, evolution of MIS, implementation issues, MIS resistance, System approach. Need for MIS, advantages, disadvantage, Event in MIS, management and Decision-making. Definition of a system-Types , Establishing the type of Information needed by the management, Information System (IS) – Data and information, Knowledge, Intelligence, Classification, Components , Information Support for Functional areas of Management, Impact of business and Information system, Information technology (IT), IT vs. IT. System Development Life Cycle –Basics-Methodology-Water fall Approach, Role of Accountants in SDLC.

### **Module 2:**

**Information System Audit** – Objectives of Information System Audit, Maintenance of System effectiveness, Ensuring System Efficiency, Information System Audit Approached, Information System Audit Methodology, Broad Frame Work for Conducting IS Audit-Planning of Information Systems Audit.

### **Module 3:**

**Communication Technology & Electronic Data Interchange** – Telecommunication, Computer Networks, Internet, internet architecture, intranet, extranet. What is EDI -Internet EDI, Value added networks, Financial EDI,

### **Module 4:**

**E-Commerce and Transaction Processing Systems:** Evolution – Role- Elements of e-commerce application, conceptual framework - categories - e-commerce consumer application. E-commerce in internet, e-commerce using e-mail, technology behind the web. E-Commerce framework – E-commerce application framework, Security Techniques for e-com. - Need of security in e-commerce, Cryptography techniques, digital signatures and certificates, virtual private network. Transaction Processing Systems, M Commerce

### **Module 5:**



**Publishing on the Web and Security** – Web Publishing, Learning HTML, Multimedia Security – Security Life Cycle, Information Technology and IT enabled services, SOHO infrastructure, the BPO and KPO infrastructure

**Module 6:**

**Business Continuity Planning and Disaster Recovery Planning** - Meaning-Objectives-Methodology-Eight Phases in Developing BCP-Types of Plans-Threats-Different back up techniques-Alternate Processing Sites.

**BOOKS FOR REFERENCE:**

1. Agarwala K. N. & Deeksha Agarwala: *Business on the Net, Bridge to the online store front*, MacMillan, New Delhi.
2. Diwan Parag & Sunil Sharma: *Electronic Commerce, A Manager Guide to E-Business*, Vanity Books International, Delhi.
3. Gordan B Davis: *Management Information Systems*, McGraw Hill International.
4. Kalakota Ravi & A. B. Whinston: *Frontiers of Electronic Commerce*, Addison Wesley.
5. Laudon & Laudon: *Management Information Systems*, Prentice Hall of India, New Delhi.
6. Martin J: *Management Information Systems*, Prentice Hall of India.
7. Murthy C V S: *E-Commerce*, Himalaya Publishing House.
8. Murthy C V S: *Management Information System*, Himalaya Publications.
9. O'Brien James: *A Management Information Systems*, Tata McGraw Hill, New Delhi.
10. Sadagopan S: *Management Information Systems*, Prentice Hall of India.
11. Schneider Gary P: *Electronic Commerce Course*, Technology Delhi.
12. Watson R T: *Electronic Commerce, Strategic Perspective*, Dryden Press.
13. Young Margaret Levine: *Complete Reference to Internet*, TMH.

## **P516 AR 202 - INTERNATIONAL BUSINESS ENVIRONMENT**

### **Objectives:**

1. *To familiarize the students with the concepts, functions and practices of international business.*
2. *To enable them get global perspective on issues related to business.*

### **Module 1:**

**An Overview of International Business:** Introduction, Definition of International Business, Changing Environment of International Business, Globalization of Markets, Trends in Globalization, Effects and Benefits of Globalization.

### **Module 2:**

**International Trade and Theories:** Mercantilism; Absolute Cost theory, Comparative Cost theory, Opportunity Cost theory, factor endowment theory, Complimentary trade theories –stopler –Samuelson theorem, International Product life Cycles. Instruments of Trade Policy-Tariffs, Subsidies, Import Quotas, Voluntary Export Restraints, Administrative Policy, Anti-dumping Policy

### **Module 3:**

**Socio-cultural environment,** Significance, Religion, Language, Education, Aesthetics, Attitudes, Culture (Hofstede's 5 Dimensions Theory), Cross cultural literacy, Managing Diversity, Strategy, Compatibility, Social Responsibility of Business

### **Module 4:**

**Global Trading Environment:** Free Trade Verses Protection-Methods of Protection, Liberalization of World Trade. FDI and their Impact on the Economy, The Five forces porter's model of Industry structure, The Firms as value chain (Primary activities and Support activities), PESTEL Factor.

### **Module 5:**

**International Institution:** UNCTAD, Its Basic Principles and Major Achievements, IMF, Role of IMF, TRIMS, TRIPS, Features of TRIMS/TRPIS, International Legal Environment as related to Business-WTO, Role and Advantages of WTO. Regional Economic Integration: Introduction, Levels of Economic Integration, Regional Economic Integration in Europe, Regional Economic Integration in U.S.A., ASEAN, SAARC, Integration for Business. Letters of Credit (LC), FEMA – Double Taxation Agreements (DTA)

### **BOOKS FOR REFERENCE:**

1. *Charles W Hill: International Business, TMH Publishing Company Ltd.*
2. *Darrell Mahoney: International Business, Longman, 1998.*
3. *Donn Ball & Wendell McCulloch: International Business, Irwin McGraw Hill, 1999.*
4. *John D. Daniels & Lee Radfaugh: International Business, Pearson 2003.*
5. *John. J. Wild (et al): International Business, Prentice Hall of India, 2003.*
6. *Michael Zinkata (et al): Global Business, Dryden Press 1988.*
7. *Richard M. Schaffer (et al): International Business Law and its environment, Thomson 2002.*
8. *WTO Annual Reports, Geneva.*
9. *WTO, Overview of Developments in the International Trading Environments, Annual report by the Director General WTO, Nov. 22, 2000.*
10. *The International Business Environment – Sundaram & Black – Prentice Hall.*
11. *World Resources & Trade - Khanna & Gupta.*
12. *International Trade – Law & Practice – Motiwal & Awasthi.*
13. *Legal Environment Today – Miller & Roger Leroy.*

## **P115 AO 201 RETAIL ANALYTICS**

### **Objective:**

*To learn the latest trends in retail industry and to find out the maximum utilization of data and how effectively it is been used by the company in order to take appropriate decisions at the right time.*

### **Module 1:**

**Retail Overview** – Introduction, Channels, Formats, Evolution of Retail, Retail Today.

### **Module 2:**

**Retail Strategy** – Introduction, Market Identification, Proposition Design, Competitive, Advantage.

### **Module 3:**

**Retail Business** - Retail P & L, Real Estate, Buying, Retail Distribution, Store Design, Retail Operations.

### **Module 4:**

**Analytics in Retail** - Category Scorecard, RFM, Market Mix Modelling, Store Clustering, Market Basket Analysis.

### ***BOOKS FOR REFERENCE:***

1. *Retail Analytics- Integrated Forecasting and Inventory Management for Perishable Products in Retailing* **By** [\*Anna-Lena Sachs\*](#)
2. *Retail Analytics: **The Secret Weapon*** **By** Emmett Cox