

ST. JOSEPH'S COLLEGE OF COMMERCE

(Autonomous)

163, Brigade Road, Bangalore – 560 025

Accredited and Re-Accredited with 'A' Grade by the
National Assessment and Accreditation Council (NAAC)

Recognized by the UGC as
**“COLLEGE WITH POTENTIAL FOR
EXCELLENCE”**



Master of Commerce (Financial Analysis)

Semester I & II

(2021-2023 BATCH)

Academic year 2021-2022

St. Joseph's College of Commerce

(An Autonomous Institution affiliated to Bengaluru Central University) Dedicated to Excellence with Relevance

St. Joseph's College, Bangalore was established in 1882 by the French Missionary Fathers for the purpose of imparting higher education. In 1937, the management of the college was handed over to the Jesuits, a worldwide Religious order going by the name 'Society of Jesus'. The college and its sister institutions are now managed by the Bangalore Jesuit Educational Society (Regd). A department of Commerce was established in the College in 1949. In 1972, this department became an independent college by the name St Joseph's College of Commerce.

Since its inception as an independent institution, the College has shown growth and progress in academics, co-curricular and extra – curricular activities. Besides, there has been a constant effort made by the college to acquire excellence in every aspect of good education. Currently it stands re-accredited to the National Assessment and Accreditation Council (NAAC) with an 'A' grade. In February 2010, the college was recognized by the UGC as a "College with Potential for Excellence".

The college aims at the integral formation of its students, helping them to become men and women for others. Though it is a Christian minority institution, the college has been imparting liberal education to the students of all denominations without any discrimination. St. Joseph's College of Commerce is affiliated to Bengaluru Central University and became autonomous in September 2005. The motto of the college is Fide-et-Labore or 'Faith and Toil' and the college attempts to inculcate the motto in every student through its various programmes.

The College is committed to providing quality education to its students. It offers Bachelors in Commerce/Management and Post-Graduate Programmes; Masters in Commerce(Regular/Financial

Analysis/International Business). Highly qualified staff members, quest for research, excellent infrastructure of the college like spacious classrooms, good library and computer lab facilities helps to promote academic excellence.

GOALS OF THE M.COM (FINANCIAL ANALYSIS) PROGRAMME

1. Enables to understand and use practical tools of finance required in decision making.
2. Develops understanding of how financial markets work in practice and how to use it in a professional environment.
3. The programme aims at developing skills to do a thorough analysis of financial statements and use them as basis for financial decision making.
4. The programme provides hands on, practical approach to understand, analyze, and duly compare published financial statements in the light of various accounting norms in force.
5. The programme also aims at developing key foundations of finance, the valuation principles and schemes in general, the understanding of the requirement of return with risk, valuation of various asset classes' projects etc.
6. Offering an in-built opportunity to explore on the job training through an internship period of six months in any vertical that is finance related.

I. ELIGIBILITY FOR ADMISSION:

Admission Requirement and Admission test:

- i. Candidates who have passed B.COM or BBM of any recognized university and have secured at least 50% of mark in the aggregate of all papers studied in the qualifying examinations are eligible for admission into this course.
- ii. Admission will be based on an entrance test conducted by the college. Marks scored at the test and qualifying examination will be considered for final selection.

II. DURATION OF THE PROGRAMME:

The programme of the study is 2 years of four (4) semesters. A candidate shall complete his/her degree within four (4) academic years from the date of his/her admission to the first semester.

III.MEDIUM OF INSTRUCTION:

The medium of instruction shall be English.

IV. ATTENDANCE:

- a. A student shall be considered to have satisfied the requirement of attendance for the semester, if he/she has attended not less than 75% in aggregate of the number of working periods in each of the subjects compulsorily.
- b. A student who fails to complete the PROGRAMME in the manner stated above shall not be permitted to take the end semester examination.

M.COM (FINANCIAL ANALYSIS) PROGRAMME MATRIX, PROGRAMME STRUCTURE AND SEMESTER SCHEME OF EXAMINATION:

Refer pages 7 to 9

V. TEACHING AND EVALUATION:

M.Com/MBA/MFA/MBS/Ph.D graduates with B.Com/BBA/BBS as basic degree from a recognized university are only eligible to teach and evaluate the courses including part-B courses of I and II semesters

VI. EVALUATION SYSTEM:

Evaluation for PG programme consists of two components, viz. Continuous Internal Assessment (CIA) and End Semester Examination (ESE) with the weightage of 30% and 70% respectively.

Continuous Internal Assessment (CIA) includes a centrally organized MID-TERM Test for 20 marks and other exercises administered by the teacher such as Surprise test / quiz / business case analysis/ Assignment / Presentation/ Research Project/ Research article/ Seminar etc. for an aggregate of 10 marks. Each teaching faculty is required to maintain a record of the Continuous Internal Assessment (CIA). Under the PG programme, a student must score a minimum of 12 marks through CIA.

The End Semester Examination will be conducted at the end of each semester. The duration and maximum marks for the End Semester Examination is 3 hours and for 70 marks.

VII. MINIMUM FOR A PASS:

A PG student has to get a minimum of 40% marks in the ESE (28 on 70) and 40% aggregate in CIA & ESE (40 on 100) for a pass in each subject. The minimum SGPA to qualify for the M.Com degree is 5.00 and a pass in all subjects.

VIII. CLASSIFICATION OF SUCCESSFUL CANDIDATES:

Grading System for Choice Based Credit System (CBCS) – The College adopts a ten point grading system. The modalities and the operational details are as follows:

- i. Credits – Credits are assigned to subjects based on the following broad classification

Subject Category	Instruction hours/week	Credits
Major Core	4 hours	4
Allied Required	3 hours	3
Allied Optional	3 hours	3
Graded Subjects	2hours	1

- ii. Grade points – The papers are marked in a conventional way for 100 marks. The marks obtained are converted to grade point according to the following table. If a student is absent for the paper the grade point assigned is 0.

% Marks	95-100	90-94	85-89	80-84	75-79	70-74	65-69	60-64	55-59	50-54	45-49	40-44	Below 40
Grade Points	10	9.5	9	8.5	8	7.5	7	6.5	6	5.5	5	4.5	0

- iii. The semester grade point average (SGPA) - is the sum of the product of the credits with the grade points scored in all subjects divided by the total credit of Part A and Part B in the semester.

$SGPA = \frac{\sum \text{Credits} \times \text{Grade Points}}{\text{Total Credits}}$ Minimum SGPA for a pass is 5.

If a student has not passed in a subject or is absent then the SGPA is not assigned.

iv. The cumulative grade point average (CGPA)- is the weighted average of all the subjects undergone by a student over all the six semesters of a PROGRAMME.

$CGPA = \frac{\sum \text{Total credits in the semester} \times SGPA}{\text{Total credits of the PROGRAMME}}$. SGPA and CGPA will be rounded off to two decimal places. Interpretation of SGPA/CGPA/ Classification of final result for a PG PROGRAMME.

v. Interpretation of SGPA/CGPA/ Classification of final result for

SGPA/CGPA/ Subject Grade Point	Grade	Result/Class Description
9.00 – 10.00	O	Outstanding
8.00-8.99	A+	First Class Exemplary
7.00 – 7.99	A	First Class Distinction
6.00 – 6.99	B+	First Class
5.50 – 5.99	B	High Second Class
5.00 – 5.49	C	Second Class
4.00 – 4.99	P	Pass Class
Below 4	RA	To Re-Appear

IX. PATTERN OF QUESTION PAPER:

Question Paper Pattern: (3 Hours duration, Max. Marks: 70)

Section A	Analytical questions	5 marks x 4 questions	20 Marks
Section B	Essay questions	12 marks x 3 questions	36 Marks
Section C	Compulsory questions/Case study	14 marks x 1 question	14 Marks

		Total	70 Marks
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X. M.Com FA Corporate Internship:

The progression of the corporate internship of a duration of six months is supervised and evaluated at two levels ie., by an internal guide allocated by the college and external mentor allocated by the organization.

The student will report to the internal guide once/twice a month, thus enabling the tracking of learning and work progress of the student.

Each candidate shall submit a comprehensive Internship Report at the end of the internship term. Based on the performance of the student the internal as well as the external guide will assign marks out of 150 each totaling to 300 marks for the performance of the student during the internship. The guides will fill out a Matrix based Evaluation form consisting of 10 criterion spread across academic, inter-personal and soft skill characteristics expected of an employee by an organization.

M.COM (FINANCIAL ANALYSIS PROGRAMME STRUCTURE PROGRAMME MATRIX

Content	I	II	III	IV	Total
I. ACADEMICS					
Major core	<ul style="list-style-type: none"> • Company legislations and compliance • Advanced Financial Management • Financial Markets and Regulations 	<ul style="list-style-type: none"> • Financial reporting and analysis • Forex and Derivatives • Securities Analysis and Portfolio Management • Goods and Service Tax (GST) 	<ul style="list-style-type: none"> • Corporate tax planning • Strategic cost and Management Accounting • Business Ethics And Corporate Governance • Valuation • Mergers and Acquisitions 		
Allied Required	<ul style="list-style-type: none"> • Economics for Managers • Research Methodology 	<ul style="list-style-type: none"> • Business Information System • International Business Environment 	-	-	
Major Optional	NA	NA	<ul style="list-style-type: none"> • Project Appraisal and Finance 	-	
Allied Optional	*3 Hrs/3 Credits (as per list given below)	*3 Hrs/3 Credits (as per list given below)	-	-	
Skill Based	-	-	<ul style="list-style-type: none"> • Financial Modeling 	<ul style="list-style-type: none"> • SAP(FICO) 	

Corporate Internship	-	-	-	*12 Hrs/12 Credits (as per list given below)	
TOTAL	21 Cr	25 Cr	28 Cr	16 Cr	90
II SKILL ORIENTED / VALUE ADDED PROGRAMMES					
QTLR for Competitive Exams (NET, SLET, Bank Exams, UPSC, KPSC etc)	1 Cr	1 Cr	-	-	
Analysis of Current Business and Economics	1 Cr	1 Cr	-	-	
Econometrics	-	-	1 Cr	-	
Managerial Communication	1 Cr	-	1 Cr	-	
TOTAL	3 Cr	2 Cr	2 Cr	-	7
III EXTENSION ACTIVITIES, CO-CURRICULAR & OTHERS					
Extension/Extra Curricular & Others		1 Cr	-	1 Cr	
	-	1 Cr	-	1 Cr	2
TOTAL	24 Cr	28 Cr	30 Cr	17 Cr	99

**M.COM (FINANCIAL ANALYSIS) PROGRAMME
STRUCTURE (for I & II Semesters) SEMESTER
SCHEME OF EXAMINATION
CORE SUBJECTS**

SEMESTER – I

Subject Code	Title of the Paper	Hours per week	Marks		Total Marks	Credits
			CI A	ESE		
P516 MC 101	Company Legislations & Compliance	4	30	70	100	4
P115 MC 102	Advanced Financial Management	4	30	70	100	4
P521 MC 103	Financial Markets and Regulations	4	30	70	100	4
P516 AR 101	Economics for Managers	3	30	70	100	3
P516 AR 102	Research Methodology	3	30	70	100	3
TOTAL		18	150	350	500	18

SEMESTER – II

Subject Code	Title of the Paper	Hours per week	Marks		Total Marks	Credits
			CI A	ESE		
P516 MC 201	Financial Reporting and Analysis	4	30	70	100	4
P516 MC 202	Forex and Derivatives	4	30	70	100	4
P515 MC 203	Securities Analysis and Portfolio Management	4	30	70	100	4
P517 MC 204	Goods and Service Tax	3	30	70	100	3
P515 AR 201	Business Information System	3	30	70	100	3
P516 AR 202	International Business Environment	3	30	70	100	3
TOTAL		21	180	420	600	21

CIA – Continuous Internal Assessment

**M.COM (FINANCIAL ANALYSIS) PROGRAMME
STRUCTURE (for I & II Semesters) SEMESTER
SCHEME OF EXAMINATION
ALLIED OPTIONAL
SEMESTER – I**

Subject Code	Title of the Paper	Hours per week	Marks		Total Marks	Credits
			CIA	ESE		
P119 AO 114/ P121 AO 116	Environmental Management / Positive Psychology	3	30	70	100	3
TOTAL		3	30	70	100	3

SEMESTER – II

Subject Code	Title of the Paper	Hours per week	Marks		Total Marks	Credits
			CIA	ESE		
P119 AO 214/ P120 AO 217/ PG20AM004	Disaster Management/Start up Launchpad/Human Behaviour	3	30	70	100	3
TOTAL		3	30	70	100	3

CIA – Continuous Internal Assessment

**M.COM (FINANCIAL ANALYSIS) PROGRAMME
STRUCTURE (for I & II Semesters) SEMESTER
SCHEME OF EXAMINATION
GRADED SUBJECTS (VALUE ADDED COURSE)
SEMESTER – I**

Subject Code	Title of the Paper	Hours per week	Marks		Total Marks	Credits
			CI A	ESE		
P415 MCE 101	Managerial Communication - I	2	-	-	-	1
P115 ACBE 101	Analysis of Current Business and Economics – I	2	-	-	-	1
P115 QTLR 101	Analysis of Current Business and Economics – I	2	-	-	-	1
TOTAL		6	-	-	-	3

SEMESTER – II

Subject Code	Title of the Paper	Hours per week	Marks		Total Marks	Credits
			CI A	ES E		
P115 ACBE 201	Analysis of Current Business and Economics – II	2	-	-	-	1
P115 QTLR 201	Quantitative Techniques and Logical Reasoning- II	2	-	-	-	1
P115 EA 201	Extension Activity	2	-	-	-	1
TOTAL		6	-	-	-	3

Outcome Based Education (OBE) **M.Com (Financial Analysis)**

Program Educational Objectives (PEO)

After undergoing the **M.Com (Financial Analysis)** Programme, the student will be able to:

1. attain conceptual knowledge in multiple disciplines of analytics, comprising of Accounting, Mathematics, Statistics, econometrics, Information Technology and Management
2. pursue a career and further their studies in the area of analytics for life-long learning and continuous professional growth and development.
3. adapt to a rapidly changing environment with their newly learnt applied skills, become socially responsible and value driven citizens committed to sustainable development.

Program Outcomes (POs)

At the end of the **M.Com (Financial Analysis)** Programme, graduates will be able to:

PO1. Business Environment and Domain Knowledge (BEDK): demonstrate conceptual managerial knowledge across functional domains and advanced knowledge in the area of specialization with an integrative ability, awareness and relationship between business and its environments, both in national and global context.

PO2. Critical thinking, Business Analysis, Problem Solving and Innovative Solutions (CBPI): demonstrate critical business

thinking in core functional areas of business and the ability to take decisions with holistic perspective.

PO3. Research and Design thinking: design and develop conceptual knowledge by using contemporary research tools for effective performance, and recognize the need for self-motivation to engage in life-long learning.

PO4. Economic, Social and Environmental Sustainability: understand the impact of the professional management solutions in societal, economic and environmental contexts, demonstrate the knowledge and need for sustainable development

PO5. Leadership and Teamwork (LT): function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO6. Modern Tool Usage: create, select and apply appropriate techniques, resources, modern management and IT tools, including prediction and modeling, to complex management activities with an understanding of the limitations
PO7. Entrepreneurial Perspective: identify, assess and shape entrepreneurial opportunities and evaluate their potential for business success
PO8. Social Responsiveness and Ethics (SRE): develop responsiveness to contextual social issues/problems and explore solutions, understand business ethics and resolve ethical dilemmas.

PO9. Global Perspective: demonstrate a global outlook with the ability to identify aspects of the global business and cross-cultural understanding.

PO10. Independent and life-long learning: achieve higher levels of proficiency and self-actualization through the pursuit of life-long learning.

Program Specific Outcomes (PSOs)

PO11. Financial Analytic decisions: apply analytics techniques to analyze and interpret the data using tools such as Microsoft Excel, Gretel and R Programming, to solve business analytics problems

PO12. Perform descriptive, predictive and prescriptive analytics: identify the advanced topics in the area of analytics (Financial problem) with their knowledge in different functional areas of management and perform descriptive, predictive and prescriptive analytics with structured, semi – structured and unstructured data.

P516MC101: COMPANY LEGISLATION & COMPLIANCE

COURSE OBJECTIVES:

Students should be able to:

1. Illustrate the stages involved on formation of Public Ltd. Company in compliance with the Companies Act.
2. Arrange for raising of capital in compliance with provisions of Companies Act.
3. Show the procedure for acceptance of deposits by companies in compliance with provisions of Companies Act.
4. Illustrate the conduct of meeting of shareholders, directors and others in accordance with provisions of Companies Act.
5. Plan for declaration of dividend, submission of audited books of accounts and appointment of auditors at annual general body meeting.
6. Illustrate the procedure for appointment of directors in accordance with articles of Association

Module 1:

Preliminary- Accounting Standards, Articles, Authorized Capital, Board of Directors, Called up Capital, Charge, Debenture, Deposit, Director, Dividend, Financial Statements, Financial Year, Issued Capital, Member, Memorandum, Private Company, Public Company, Related Party, Share, Small Company, Sweat Equity Shares, Associate, Joint Venture, Auditing Standards, Body Corporate, Books & Paper, Chartered Accountant, Company, Company Limited by guarantee, Company Limited by Shares, Employee Stock Option Plan, Foreign Company, Free Reserves, Holding Company, Key Managerial Personnel, Net worth, One

Person Company, Paid up share capital, Promoter, Prospectus, Relatives, Subsidiary Company, Turnover, Independent Director.

Incorporation Of Company And Matters Incidental There to – Incorporation – Public and Private Company, Incorporation Requirements, Pre and Post Incorporation Contracts, Memorandum and articles of Association, Commencement of Business, Alteration of MOA and AOA, Registered office.

Module 2:

Prospectus and Allotment of Securities – Public offer and private Placement

Share Capital and Debentures – Kinds of securities – Equity shares, Preference shares – Debentures- steps involved in the issue, reduction and transfer of securities, Right shares, Issue of bonus shares, Reduction of Share Capital, Buy back of shares, Issue of Sweat equity shares, Transfer and transmission of securities, Debenture – Introduction, issue and redemption.

Module 3:

Acceptance of deposits by companies – Acceptance of deposits from public for private companies.

Registration of charges – Duty to register charges, etc., application for registration of charge, Satisfaction of charge, Company's register of charges.

Module 4:

Meetings – Types of General Meeting – Annual General Meeting and Extraordinary General Meeting – transaction of business,

Notice of meeting, Calling of extraordinary general meeting, Statement, Statement to be annexed to notice, Quorum for meetings, Chairman of meetings, Proxy, Voting.

Resolutions - Ordinary and special resolutions, Resolutions requiring special notice, Resolutions passed at adjourned meeting Resolutions and agreements to be filed.

Meetings Of Board And Its Powers - Meetings of Board, Quorum for meetings of Board, Place of holding meeting, Powers of Board, Loan to directors, etc., Loan and investment by company, Related party transaction.

Module 5:

Declaration And Payment Of Dividend - Declaration of dividend, Unpaid Dividend Account, Investor Education and Protection Fund.

Accounts Of Companies- Books of account, etc., to be kept by company, Financial statement, Financial Statement, Board's report, etc., Corporate Social Responsibility.

Audit And Auditors- Appointment of auditors, Removal, resignation of auditor and giving of special notice, Eligibility, qualifications and disqualifications of auditors, Remuneration of auditors, Powers and duties of auditors and auditing standards, Auditor not to render certain services, Auditors to sign audit reports, etc., Auditors to attend general meeting.

Module 6:

Appointment And Qualifications Of Directors - Company to have Board of Directors, Appointment of directors, Application for allotment of Director Identification Number, Allotment of Director

Identification Number, Prohibition to obtain more than one Director Identification Number, Director to intimate Director Identification Number, Company to inform Director Identification Number to Registrar, Obligation to indicate Director Identification Number, Punishment for contravention, Appointment of additional director, alternate director and nominee director, Appointment of directors to be voted individually, Disqualifications for appointment of director, Number of directorships, Duties of directors, Vacation of office of director, Resignation of director, Removal of director.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Illustrate the stages involved on formation of Public Ltd. Company in compliance with the Companies Act.
2. Arrange for raising of capital in compliance with provisions of Companies Act.
3. Show the procedure for acceptance of deposits by companies in compliance with provisions of Companies Act.
4. Illustrate the conduct of meeting of shareholders, directors and others in accordance with provisions of Companies Act.
5. Plan for declaration of dividend, submission of audited books of accounts and appointment of auditors at annual general body meeting.
6. Illustrate the procedure for appointment of directors in accordance with articles of Association

Books for Reference:

- *Bare Act pocket edition – Taxmann*
- *Company Law - Avtar Singh*
- *Company Law - Nabhi Publication*
- *Company Law - Gourish Kumar*

Relevant e-forms to be filed Chapter wise under Companies Act, 2013

SL. No.	Chapter	e-Form	Purpose of Form
1	II	INC-2	Form for Incorporation and nomination (One Person Company)
2	II	INC-3	Form for consent of nominee of One Person Company
3	II	INC-7	Application for Incorporation of Company (Other than One Person Company)
4	II	INC-21	Declaration prior to the commencement of business
5	II	NC-22	Notice of situation or change of situation of registered office and verification
6	II	INC-27	Conversion of public company into private company or private company into public company
7	III	PAS-3	Return of allotment
8	III	PAS-4	Private Placement Offer Letter
9	IV	SH-7	Notice to Registrar for alteration of share capital
10	V	DPT-3	Return of Deposits

11	VI	CHG-4	Particulars for satisfaction of charge
12	VI	CHG-1	Application for registration of creation, modification of charge (other than those related to debentures) including particulars of modification of charge by Asset Reconstruction Company in terms of Securitization and Reconstruction of Financial Assets and Enforcement of Securities Interest Act, 2002 (SARFAESI)
13	VII	MGT-14	Filing of Resolutions and agreements to the Registrar under section 117
14	VII	MGT-7	Form for filing annual return by a company.
15	IX	AOC-4	Form for filing financial statement and other documents with the Registrar
16	X	ADT-1	Information to the Registrar by Company for appointment of Auditor
17	X	ADT-3	Notice of Resignation by the Auditor
18	XI	DIR-3	Application for allotment of Director Identification Number
19	XI	DIR-6	Intimation of change in particulars of Director to be given to the Central Government
20	XI	DIR-11	Notice of resignation of a director to the Registrar
21	XI	DIR-12	Particulars of appointment of directors and the key managerial personnel and the changes amongst them
22	XXIV	GNL-1	Form for filing an application with Registrar of Companies
23	XXIV	GNL-2	Form for submission of documents with Registrar of Companies

P516 MC 102: ADVANCED FINANCIAL MANAGEMENT

COURSE OBJECTIVES:

Students should be able to

1. Illustrate the role of a financial manager in the present state of financial markets and its regulations.
2. Evaluate the role of optimum capital structure and dividend decision in maximizing the value of the firm.
3. Evaluate the capital expenditure decision with risk and uncertainty by capital budgeting technique.
4. Examine the determinants of optimum working capital management decision by using estimated working capital requirement.
5. Relate the financial policy and strategic management with shareholders value creation

Module 1:

The Finance Function – Its nature and importance, goals of financial management- financial environment, changing role of financial management.

Time value of Money – present value, future value, discounting, compounding and annuity.

Module 2:

Financial Decisions: Sources of finance; Measure of leverage, effects of leverage, EBIT-EPS analysis, capital structure theories, capital structure planning and factors affecting capital structures

decisions, cost of capital, specific cost of capital overall cost of capital marginal cost of capital.

Dividend decision - relevance and irrelevance, theories – types of dividend policies, behavioral models of dividend policy, signaling theory, clientele effects, factors influencing dividend policy corporate dividend practices in India.

Module 3:

Investment Appraisal Techniques: capital budgeting and its importance in decision making, estimating cash flows, techniques of investment appraisal – NPV, IRR. Allowing for inflation and taxation in investment appraisal. Projects with different lives, investment timing and duration.

Measurement of risk, evaluation of risky projects, Techniques – decision tree analysis, sensitivity analysis, simulation, RADR, Standard deviation, Certainty Equivalent approach.

Module 4:

Working capital management, planning, control and policy, management of various components of cash receivables and inventory, financing of working capital.

Module 5:

Corporate Financial Policy – shareholder value creation – interface of financial policy and strategic management – Financial goals systems

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Illustrate the role of a financial manager in the present state of financial markets and its regulations.
2. Evaluate the role of optimum capital structure and dividend decision in maximizing the value of the firm.
3. Evaluate the capital expenditure decision with risk and uncertainty by capital budgeting technique.
4. Examine the determinants of optimum working capital management decision by using estimated working capital requirement.
5. Relate the financial policy and strategic management with shareholders value creation.

Books for Reference:

- Weston and Brigham, Essentials of Managerial Finance, The Dryden Press
- James Vanhorne, Fundamentals of Financial Management, Prentice Hall Inc.
- John Hampton, Financial Decision Making Concepts, Problems and Cases, Prentice Hall of India Ltd.
- Schall and Haley, Financial Management, McGraw Hill, Newyork
- Brealy and Myers, Principles of Corporate Finance, McGraw Hill Newyork.
- Prasanna Chandra, financial Management Theory & Practice, Tata McGraw Hill
- Khan and Jain, Financial Management, Tata McGraw Hill
- IM. Pandey, Financial Management, Vikas Publishing House.
- S.C. Kuchal, Financial Management, ChaitanyaPublishers, Allahabad.
- Chakraborty & Others, Financial Management & Control, Mc Millan India Ltd.

P5 21 MC103: FINANCIAL MARKETS AND REGULATIONS

COURSE OBJECTIVES:

Students should be able to:

1. Illustrate the role of financial system and functions of four pillars of Financial system in the promotion of economic development.
2. Examine the options of short term financing mix and investment decisions by using money market instruments.
3. Evaluate the implication of capital mix and investment decisions under the dynamics of new issues Market and Secondary Market mechanism.
4. Justify the role of derivatives market with the other global Financial Markets for raising finance and as investing avenues for the corporates
5. Examine the implication and applicability of regulations of RBI and SEBI in protecting and promoting the interest of all stakeholders of financial markets and institutions.
6. Compare and contrast the role and implications of each financial services range from Leasing to Securitization of Debt.

Module 1:

THE FINANCIAL SYSTEM IN INDIA - Functions of the Financial System – Financial Concepts – Financial Assets & Intermediaries – Financial Markets – Importance of Capital Market – Money Market – Foreign Exchange Market – Financial Instruments – Development of Financial System in India – Financial Markets Regulation Department (FMRD) — Financial System and Economic Development – Weaknesses of Indian Financial System.

Module 2:

MONEY MARKET- Money Market– Features of a Money Market – Importance of Money Market – Composition of Money Market – Call Money Market – Commercial Bills Market or Discount Market – Bill Market Scheme – Treasury Bill Market – Money Market Instruments – Commercial Papers – Certificate of Deposit (CD) – Inter-bank Participation Certificate – Repo Instruments – Structure of Indian Money Market – Features or Deficiencies of Indian Money Market – Recent Developments – Discount and Finance House of India (DFHI).

Module 3:

NEW ISSUE MARKET - Stock Exchange – Functions of New Issue Market – Methods of Floating New Issues – General Guidelines for New Issue – Principal Steps of Private Placement– SEBI’s Guidelines for IPOs– Players in the New Issue Market – Recent Trends in New Issue Market.

SECONDARY MARKET - – Functions/Services of Stock Exchanges – Procedure – Organisation of Stock Exchanges in India – Listing of Securities - Functions of Brokers –Methods of Trading in a Stock Exchange – Current Settlement Procedure of

Trading Transactions – Online Trading – BSE-BOLT System – Merits of Online Trading – Types of Stock Market Orders (NSE-NEAT System) – Carry Over or Badla Transactions – Stock Indices – Indices of NSE – Defects of Indian Stock/Capital Market – Recent Developments (case study).

Module 4:

Derivatives Market - Meaning, Importance and Need for Derivatives Market, Kinds of financial derivatives - Bond markets, Foreign Currency Bond Markets, Euro market, FDI flows, Emerging Trends and Challenges in Global Financial Markets and Impact of globalization on financial markets, Innovation in derivatives segment (case study)

Module 5:

Regulation - Securities and Exchange Board of India (SEBI) – SEBI Guidelines – RBI – IRDAI- FMC – PFRDA, Depository system - Depository Process - Depositories in the International Market – Depository System in India – National Securities Depository Ltd. (NSDL) – Central Depository Services (India) Ltd. (CDSL), Investors’ Protection – Factors Affecting Investors’ Interest – Investors’ Protection Measures.

Module 6:

FINANCIAL SERVICES - Merchant Banking, Hire Purchase, Leasing, Venture Capital, Mutual Funds, Discounting, Factoring And Forfaiting, Securitization of Debt. (Concepts and Major Classifications).

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Illustrate the role of financial system and functions of four pillars of Financial system in the promotion of economic development.
2. Examine the options of short term financing mix and investment decisions by using money market instruments.
3. Evaluate the implication of capital mix and investment decisions under the dynamics of new issues Market and Secondary Market mechanism.
4. Justify the role of derivatives market with the other global Financial Markets for raising finance and as investing avenues for the corporates
5. Examine the implication and applicability of regulations of RBI and SEBI in protecting and promoting the interest of all stakeholders of financial markets and institutions.
6. Compare and contrast the role and implications of each financial services range from Leasing to Securitization of Debt.

BOOKS FOR REFERENCE:

1. L.M. Bhole: Financial Institutions & Markets, Tata McGrawHill, New Delhi.
2. Edminister. R.O: Financial Institutions, Markets & Management, McGraw Hill, New York, 1986.
3. Karkal G.C: Unorganised money markets in India, Lalwani,

Bombay.

4. Khan. M.Y. Indian Financial System, Vikas
5. H.R Machiraju: Indian Financial System, Vikas Pub. House.
6. E.Gorden & K. Nataraj, Financial Markets and Services, Himalaya Publishing house.
7. G.S. Patel, Capital Market, Functioning and Trends, ICFAI Publication.
8. J.N. Dhonkar, A Treatise an Merchant Banking, Skylark Pub. Delhi.
9. Vindo Kothari, Leasing, Hire purchase and Consumer Credit, Wadhwa and Company.
10. SEBI Guidelines issued from time to time.
11. K. Sriram, Handbook of Leasing, Hire Purchasing and Factor, ICFAI Publications.
12. Gledstone, Venture Capital Investing, NY, Prentice Hall.
13. Smith P.F., Money and Financial Intermediation, The Theory and Structure of Financial Systems, Prentice Hall, New Jersey.

P516 AR 101 : ECONOMICS FOR MANAGERS

COURSE OBJECTIVES:

Students should be able to

1. Illustrate the role of basic factors/ principles of managerial economics in business decision making.
2. Develop demand forecasting model by using Qualitative and Quantitative techniques.
3. Construct a production functions of short and long term in the context of multi-product firms.
4. Use the implications of cost theory and revenue concepts in determining Cost and revenue functions.
5. Determine equilibrium pricing and output under perfect and imperfect competitive market structure.
6. Illustrate the implications of monetary policies and fiscal policies in correcting inflationary tendencies

Module 1:

Nature, Scope and methods of managerial economics- Scarcity, choice and allocation problems in business. Basic factors in business decision making: Marginalism, Equi-marginalism, and Opportunity cost principle, Risks and uncertainties, Time value of money. Use of quantitative techniques in managerial economics: Mathematical functions, derivatives, optimization principles and statistical techniques.

Module 2:

Demand analysis, estimation and forecasting - Demand theory. Types of demand. Demand elasticity: Types, measurement and factors. Elasticity of demand and marginal revenue. Uses of elasticity concept in business decision making. Estimation of Demand function. Demand forecasting: Importance and methods. Qualitative and quantitative techniques.

Module 3:

Production analysis - Production functions with one-variable and two-variable inputs. Returns to a factor and returns to scale. Isoquants, isocost curves and ridgelines. Optimum factor combination. Elasticity of output and Elasticity of substitution. Empirical production functions. Forms of Production function. Cobb-Douglas and CES production functions. Production possibility analysis. Optimum product mix of a multi-product firm.

Module 4:

Cost and revenue analysis - Cost theory and its applications: Types of costs. Theoretical and Empirical cost curves. Short-run and long-run cost curves. Derivation of cost functions from production functions. Empirical estimation of cost functions. Economies of scale versus economies of scope. Optimum firm. Learning curve. Cost control and cost reduction. Revenue concepts and functions. Breakeven analysis.

Module 5:

Market structure and product pricing - Features of and pricing output decisions in perfect competition, monopoly, oligopoly and monopolistic competition. Equilibrium of the firm and of industry under different market conditions. Degree of monopoly power. Discriminating monopoly. Welfare triangle. Pricing methods and practices of modern business firms: Cost-based and demand based pricing strategies.

Module 6:

Macro economic policies monetary and fiscal policy and its business implication. Inflation -methods causes, measures to correct inflationary tendency.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Illustrate the role of basic factors/ principles of managerial economics in business decision making.
2. Develop demand forecasting model by using Qualitative and Quantitative techniques.
3. Construct a production functions of short and long term in the context of multi-product firms.
4. Use the implications of cost theory and revenue concepts in determining Cost and revenue functions.
5. Determine equilibrium pricing and output under perfect and imperfect competitive market structure.
6. Illustrate the implications of monetary policies and fiscal policies in correcting inflationary tendencies.

Books for Reference:

- *Atmanand, Managerial Economics, EB*
- *Sk Misra and VK Puri, Indian Economy, HPH*
- *Dominick Salvatore, Managerial Economics, Thomson*
- *Damodaran, Managerial economics, Oxford*
- *Keating and Wilson, Managerial Economics, Biztantra*
- *Craig Peterson, Chris Lewis and Sudhir Jain, Managerial Economics, Person*
- *Christopher Thomas and Charles Maurice, Managerial Economics, TMH*
- *Mankar, Business Economics, McMillan*
- *Paul Keat and Philip Young, Managerial Economics, Pearson*

P516 AR 102: RESEARCH METHODOLOGY

COURSE OBJECTIVES:

Students should be able to

1. Explain the Research process for a hypothetical topic of research.
2. Design review of literature under conceptual framework/ theoretical framework/ chronological order so as to identify the research gap and question.
3. Explain the process and usual content of Research design for a hypothetical topic of research.
4. Differentiate from one to other methods of collecting primary and secondary data for given study
5. Choose appropriate tool of analysis of data for testing of hypothesis.
6. Develop a research report for research article, Project report and Thesis

Module 1:

Research- Meaning, Purpose, Scientific method, Types of Research; Scope of Business Research. Terms, concepts and Definitions used in Research Methodology, The Research Process. MRQH.

Module 2:

Review of Literature- Need, Purpose, Notes taking. Research Gap, Research Problem, E-Resources and their usage – useful websites for Management research - Search Engines – Important Web Sources: CSO, NSSO, RBI, World Bank, ILO, IIM, ICSSR, NCAER, INFLIBNET, CMIE, India Stat, Open access Journals, Research Institutes Repository etc.

Module 3:

Research Design- Meaning, nature, process of preparation, components of Research Design. Variables and parameters. Sampling Techniques: Sampling methods, Concept of Sampling Distribution.

Module 4:

Data- Sources of data, Methods and tools of Data collection; Observation, Mailing; Interviews and Schedules, Questionnaires, Scales and Rating, Sociometry, Pilot study. Processing of data; checking, editing, coding, transcription, tabulation, preparation of tables, graphical representation.

Module 5:

Formulation of Hypothesis-Testing of hypothesis; Confidence Intervals, Standard Error, Uses of z, t and Chi-square tests. Analysis of data; Statistical techniques and their uses.

Module 6:

Report Writing- Planning report writing work: Target audience, Types of report, Synoptical outline of chapters; Research Proposals; Steps in drafting dissertations. Bibliography- Citation-

Impact Factor. Editing features-Formatting Text, Aligning paragraph and page size, Tab settings. Research presentation layout. Funding Agencies in Social Science Research: UGC, ICSSR, Planning Commission.

1. Practical Research Paper presentation at departmental level.
2. Each Module has practical testing like
 - a) how to identify problem
 - b) how to design research proposal
 - c) sample design
 - d) review of literature preparation
 - e) reference citation.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Illustrate the Research process for a hypothetical topic of research.
2. Develop review of literature under conceptual framework/ theoretical framework/ chronological order so as to identify the research gap and question.
3. Illustrate the process and usual content of Research design for a hypothetical topic of research.
4. Compare and contrast the methods of collecting primary and secondary data for given study
5. Select appropriate tool of analysis of data for testing of hypothesis.
6. Design a research report for research article, Project report and Thesis.

Books for Reference:

- *“Business Research Methods” - Donald R. Cooper & Pamela S. Schindler, 2006. Tata McGraw-Hill.*
- *“Methodology of Research in Social Sciences”- O.R. Krishnaswamy & M. Ranganatham, 2008. Himalaya Publishing House.*
- *Israel .D. Data Analysis in Business Research: A step by-step Nonparametric Approach, Sage Publications, New Delhi.*
- *“Research Methodology: Methods and Techniques” C. R. Kothari, 2008. New Age International Publishers.*
- *“Methodology and Techniques of Social Research” - P. L. Bhandarkar & T.S. Wilkinson, 2009. Himalaya Publishing House.*
- *“Business Research Methods” - Alan Bryman & Emma Bell, 2008. Oxford University Press – India Edition.*
- *“Business Research Methods” - William G. Zikmund, 2009. Cengage Learning – India edition.*
- *Business Research: A Practical Guide for Undergraduates & Postgraduates “Jill Collis & Roger Hussey, 2009. Palgrave Macmillan India.*
- *“Research Methodology – A Step-By-Step Guide for Beginners” --Ranjit Kumar, 2008. Pearson Education.*
- *SPSS 17.0 for researchers-Dr.S.L.Gupta & Hitesh Gupta, International Book House Pvt Ltd, Mumbai.*
- *Working papers on management research.*
- *Research Articles from peer reviewed Journals.*

Websites

www.google.com

www.doaj.org

www.eric.ed.gov

www.ssrn.com

<http://j-gate.informindia.co.in/>

<http://iimkresearch.blogspot.in/>

<http://www.epwrf.in/>

<http://www.elibrary.imf.org/>

<http://eric.ed.gov>

P119 AO 114: ENVIRONMENTAL MANAGEMENT

COURSE OBJECTIVES:

Students should be able to

1. Illustrate the role of stakeholders participation in environment management practices and its implications on sustainable Development in the wake of major environmental issues
2. Relate the enactment of Environmental laws and its impact on Green Product and Green Marketing in the context of various international summit on environmental issues
3. Illustrate the process of Environment Impact Assessment practice in compliance with the ISO 14000.
4. Examine the applicability of ethical theories and its implication
5. of establishing of symbiotic relationship between people and environment
6. Justify the relevance of Solid waste management practices in alignment with 3 R's of waste management with current waste management issues in your locality.

Module 1:

Meaning and scope – environment management concepts – sustainable development – stakeholder concept – major environmental issues – pollution, global warming, climate change – need for renewable energy – biodiversity and eco systems – exploitation of natural resources and related conflicts.

Module 2:

Environmental Laws – Stockholm convention, the Earth Summit, Kyoto protocol – Environment governance and laws in India – green products and production, green marketing – public participation and public interest litigations.

Module 3:

Environment Impact Assessment – planning, relevance – EIA process – EIA practices in India – Corporate Environmental Responsibility – ISO 14000 and Environment Managing System.

Module 4:

Environment Ethics – Application of ethical theories to environment – fundamental concerns – ethical conflicts – relationship of business and people to environment.

Module 5:

Solid waste management – disposal of garbage – issues – effects of garbage dumping – hazardous wastes and related issues – solid waste management practices –the 3 R's of waste management : reuse, reduce, recycle – relevance to India Class activities: Case study analysis and presentations of live environmental issues by the students.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Illustrate the role of stakeholder's participation in environment

2. management practices and its implications on sustainable Development in the wake of major environmental issues
3. Relate the enactment of Environmental laws and its impact on Green Product and Green Marketing in the context of various international summit on environmental issues.
4. Illustrate the process of Environment Impact Assessment practice in compliance with the ISO 14000.
5. Examine the applicability of ethical theories and its implication of establishing of symbiotic relationship between people and environment
6. Justify the relevance of Solid waste management practices in alignment with 3 R's of waste management with current waste management issues in your locality.

Reference Books:

- *Environmental Management – Text and Cases, Bala Krishnamoorthy, PHI, 2nd ed, 2012*
- *Introduction to Environmental Management, M.M. Sulphey and M.M. Safeer, 3rd ed, PHI, 2015*

P121 AO 116 POSITIVE PSYCHOLOGY

COURSE OBJECTIVES:

The students will be able to:

1. Explain the fundamental ideas of Positive Psychology and its implications on Virtue and Character and Positive thinking.
2. Develop the Positive Emotions of Happiness, Hope, Optimism, Love, Motivation to attain the well-being .
3. Integrate the Happiness traits with Well-being through Happiness and Well Being Therapy.
4. Create Mindfulness and Positive Thinking in the quest of Social / Emotional Wellbeing and mental health.
5. Combine the effect and implications of Gratitude and Forgiveness, Gratitude and happiness, Forgiveness and happiness that give rise to Personal transformation and well-being.
6. Perform activities that stem from Positive Psychology at work, health, education and everyday life

Module 1:

Introducing Positive Psychology: Positive Psychology; Concept, History, Nature, Dimension and Scope of Positive Psychology;

Virtue and Character; Positive thinking, Seligman's PERMA, Fundamental ideas of Positive Psychology.

Module 2:

Positive Emotions and well-being: Positive Emotions: Happiness, Hope, Optimism, Love, Motivation; understanding Emotional Intelligence and well-being.

Module 3:

Happiness and Well-being: Types of Happiness, Happiness Traits, Measurement of Happiness, Habits of Happiness; Happiness and Well Being Therapy.

Module 4:

Mindfulness and Well-being: Neuroscience of Well-being, Social / Emotional Wellbeing, Mindfulness-Based Interventions, Mindfulness and mental health, Mindfulness and Positive Thinking.

Module 5:

Gratitude, Forgiveness and Well-being: Gratitude and Forgiveness, Gratitude and happiness, Forgiveness and happiness, Personal transformation and Role of suffering, Trust and Compassion, Cultivating gratitude and well-being.

Module 6:

Positive Psychology in Practice: Positive Psychology at work, health, education and everyday life; Developing and maintaining positivity; Future of positive psychology.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Explain the fundamental ideas of Positive Psychology and its implications on Virtue and Character and Positive thinking.
2. Develop the Positive Emotions of Happiness, Hope, Optimism, Love, Motivation to attain the well-being .
3. Integrate the Happiness traits with Well-being through Happiness and Well Being Therapy.
4. Create Mindfulness and Positive Thinking in the quest of Social / Emotional Wellbeing and mental health.
5. Combine the effect and implications of Gratitude and Forgiveness, Gratitude and happiness, Forgiveness and happiness that give rise to Personal transformation and well-being.
6. Perform activities that stem from Positive Psychology at work, health, education and everyday life

REFERENCE BOOKS:

1. Hefferon K., Boniwell, I., (2011). *Positive Psychology. Theory, Research, and Applications*. UK: McGraw Hill.

2. Snyder, C. R., Lopez, S. J. (Eds.) (2009). *Handbook of Positive Psychology*. New York: Oxford University Press.
3. Seligman, M. E. P. (2002). Positive Psychology, Positive Prevention, and Positive Therapy. In C. R. Snyder and S. J. Lopez (Eds.), *Handbook of Positive Psychology*, Oxford University Press.
4. Carr, A. (2004), *Positive Psychology: The Science of Happiness and Human Strengths*, New York: Brunner – Routledge.

P115 MCE 101: MANAGERIAL COMMUNICATION – I

COURSE OBJECTIVES:

The students should be able to

1. Illustrate the process of different formats of Managerial communication.
2. Evaluate the scope of modes of oral communication in the context of large group communication.
3. Examine the scope of mode of written communication in the context of creative expression.
4. Develop an effective communication by using master listening skills , non-verbal communication and interpersonal skills.
5. Design a model of role plays, cases, lectures, individual and group exercises, films as business communication.

Module 1:

Foundation of Management Communication: importance of Communication Concepts and Dimensions; Forms of Communication; Process of Communication: Different Stages; Introduction, Barriers and Gateways in Communication; Difference between Oral and Written Communication, Listening and Feedback; Communicating in teams.

Module 2:

Effective Oral Communication: (Large Group Communication)

Demonstrate improved persuasion skills and Influencing skills, Negotiation Skills,, Public Speaking, and Presentation Skills.

Module 3:

Business Writing And Creative Expression: (Commercial Communication) - Routine /Business/Sales Letter, Proposal writing, Report writing, Content writing Brochures, Flyers, News Letter.

Module 4:

Mastering Listening Skills/Non Verbal Communication/ Interpersonal Skills - Understanding Listening Process, Overcoming Barriers to Effective Listening, Recognizing Different Types of Listening, Note Taking, Using Nonverbal Communication Effectively. Communication for Giving and Receiving Constructive Criticism and Conflict Resolution.

Module 5:

Business Vocabulary: Fundamentals Of Executive English, Errors Analysis, Punctuation and Global English. Role-Plays, Cases, Lectures, Individual & Group Exercises, Films, Presentations by Students and Videos.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Illustrate the process of different formats of Managerial communication.
2. Evaluate the scope of modes of oral communication in the context of large group communication.
3. Examine the scope of mode of written communication in the context of creative expression.
4. Develop an effective communication by using master listening skills, non-verbal communication and interpersonal skills.
5. Design a model of role plays, cases, lectures, individual and group exercises, films as business communication

Methodology and Evaluation

Quiz, Assignments & Presentation - 50%
End Term Exam 50%

Textbooks & Course Material

Essentials of Business Communication, 6th Edition, Mary Ellen Guffey, South-Western College Publishing, 2003.

- *Excellence in Business Communication, 8th Edition, Thill, John V., Courtland L. Bovee Prentice Hall, 2007.*
- *Business Communication, 2nd Edition, Prof. Dr. Asha Kaul, PHI Learning P.Ltd., 2009.*
- *Secrets of Face-to-Face Communication, 1st Edition, Peter Bender & Dr. Robert Tracz, Macmillan India, 2007.*
- *Soft Skills, 1st Edition, Prof. Dr. K. Alex, S. Chand & Co. Ltd., 2009*
- *Personal Development, All-in-One, 1st Edition, Edited by: Gillian Burn, Wiley India, 2009*

- *The Economist: Style Guide, 9th Edition, Profile Books, Indian Edition: Viva Books, 2009*

P115 QTLR 101: QUANTITATIVE TECHNIQUES AND LOGICAL REASONING- I

COURSE OBJECTIVES:

The students should be able to

1. Choose the appropriate arithmetic in accordance with nature of problem
2. Apply geometric techniques to solve the problems related geometrical in nature

Module I:

Quantitative Aptitude: Number System ; LCM & HCF – Problems & Its Application; Speed, Time & Distance, Problems on Trains & Boats; Time & Work, Pipes & Cisterns; Percentage; Problems on Ages; Average; Ration & Proportion, Allegation & Mixtures; Partnership; Profit, Loss & Discount; Simple Interest & Compound Interest; Permutations & Combination; Probability; Clocks; Calendar.

Module II:

Geometry: Lines and angles, Plane and plane figures. Areas of squares, rectangles, parallelograms, triangle and circle. Surface area and volume of cuboids, lateral surface and volume of right circular cones and cylinders, surface area and volume of spheres.

COURSE OUTCOMES:

1. After completion of the course, the students will be able to
2. Choose the appropriate arithmetic in accordance with nature of problem
3. Apply geometric techniques to solve the problems related to geometrical in nature

Books for Reference:

- *Quantitative Attitude* by R.S.Agarwal, Chand Publisher.
- *Verbal and nonverbal reasoning* by R.S. Agarwal, Chand Publications

P516 MC 201: FINANCIAL REPORTING AND ANALYSIS

COURSE OBJECTIVES:

The students should be able to

1. Outline the contents of Annual Report and Financial statements that comply with IND AS Report Framework.
2. Illustrate Accounting Concepts, Conventions and Standards relating to IND AS 2, 8, 10, 16, and 18.
3. Show the treatment of the items as per IND AS 12, 17, 21, 23, 24, 33, 34 , 36, 37, 38 and 40.
4. Examine the implications and applicability of list of IND AS and IFRS in India.
5. Conduct Financial Statement Analysis by using Ratio, Cash flow and Prospective Analysis.

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, (INDAS) 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.

COURSE OUTCOMES:

After the completion of the course students will be able to

1. Explain the contents of Annual Report and Financial statements that comply with IND AS Report Framework.
2. Apply Accounting Concepts, Conventions and Standards relating to IND AS 2, 8, 10, 16, and 18.
3. Justify the treatment of the items as per IND AS 12, 17, 21, 23, 24,33,34,36, 37,38 and 40.
4. Evaluate the implications and applicability of list of IND AS and IFRS in India.
5. Interpret Financial Statement Analysis by using Ratio, Cash flow and Prospective Analysis.

Books for Reference:

- *Wild, Subramanyam and Halsey, "Financial Statement Analysis", Tata Mc Graw Hill*
- *Vijaykumar M P, "First Lessons in Financial Reporting", Snow White.*
- *Vijaykumar M P, "First Lessons in Accounting Standards", Snow White.*

P516 MC 202 : FOREX AND DERIVATIVES

COURSE OBJECTIVES:

The student should be able to:

1. Relate the link between Foreign exchange market, Equilibrium and disequilibrium of balance of payment and International monetary system for determination of exchange rate
2. Illustrate the nature and benefits of functioning of a Forex market markets from the stand point view of speculators, Arbitrageurs Hedgers and investors.
3. Use Futures and options of equity and currency market instruments for minimizing risk and maximizing the return of the stock and currency from the perspective of Hedgers, Speculators and Investors.
4. Use Interest rate derivative instruments for minimizing risk and maximizing the return of the instruments of credit from the perspective of Hedgers, Speculators and Investors.
5. Use credit derivative instruments for minimizing risk and maximizing the return of the instrument of credit from the perspective of Hedgers, Speculators and Investors.
6. Relate the trading mechanism of currency futures with the clearing, Settlement in Currency Futures.

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 payouts, 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.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Relate the link between Foreign exchange market, Equilibrium and disequilibrium of balance of payment and International monetary system for determination of exchange rate
2. Illustrate the nature and benefits of functioning of a Forex market markets from the stand point view of speculators, Arbitrageurs Hedgers and investors.
3. Use Futures and options of equity and currency market instruments for minimizing risk and maximizing the return of the stock and currency from the perspective of Hedgers, Speculators and Investors.
4. Use Interest rate derivative instruments for minimizing risk and maximizing the return of the instruments of credit from the perspective of Hedgers, Speculators and Investors.

5. Use credit derivative instruments for minimizing risk and maximizing the return of the instrument of credit from the perspective of Hedgers, Speculators and Investors.
6. Relate the trading mechanism of currency futures with the clearing, Settlement in Currency Futures.

Books for Reference:

- *N.D. Vohra & B.R. Bagrii, Futures and Options, 2nd edition, 1998 (9th reprint 2009), Tata McGraw-Hill Publishing Company Ltd.*
- *Red Head: Financial Derivatives: An Introduction to Futures, Forward, Options, 1997, Prentice Hall of India.*
- *Glenlake, Currency Risk Management, Currency Futures, Fitzroy Dearborn Publisher*
- *A Graham, Currency Futures, Routledge, 2001 edition*
- *Buckley A, Multinational Finance, Prentice Hall of India, New Delhi*
- *Maurice D. Levi, International Finance, McGraw Hill, NY*
- *Paul Einzip, A Textbook on Foreign Exchange*
- *Apte, P.G. International Financial Management, Tata McGraw Hill, New Delhi*
- *Madura Jeff: International Financial Management, Cengage Learning, New Delhi*
- *Shapiro Alan C: Multinational Financial Management, Prentice Hall, New Delhi*

- *Jeevanandam: Foreign Exchange - Practice, Concepts & Control Sultan Chand & Sons.*

Text books:

- *Equity Derivatives: A Beginner's Module, Workbook from NSE.*
- *Currency Derivatives: A Beginner's Module, Workbook from NSE.*

P515 MC203: SECURITY ANALYSIS & PORTFOLIO MANAGEMENT

COURSE OBJECTIVES:

The students will be able to

1. Illustrate the steps involved in investment management process from the perspectives of financial advisor of client.
2. Calculate the Risk and return of each avenue of investment (financial Assets) for construction of portfolios.
3. Conduct Fundamental Analysis, Technical analysis and Efficient Market Hypothesis analysis to decide whether to buy or sell or hold financial asset.
4. Examine the profile of each avenues of investment of capital and Money market instruments
5. Use derivatives for speculation and hedging the risks of stock in futures and options market
6. Construct optimum portfolio by using Markowitz's efficient portfolios and Sharpe single index Model.

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.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Illustrate the steps involved in investment management process from the perspectives of financial advisor of client.
2. Calculate the Risk and return of each avenue of investment (financial Assets) for construction of portfolios.
3. Conduct Fundamental Analysis, Technical analysis and

Efficient Market Hypothesis analysis to decide whether to buy or sell or hold financial asset.

4. Examine the profile of each avenues of investment of capital and Money market instruments
5. Use derivatives for speculation and hedging the risks of stock in futures and options market
6. Construct optimum portfolio by using Markowitz's efficient portfolios and Sharpe single index Model

Books for Reference:

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

P517 MC 204: GOODS AND SERVICES TAX

COURSE OBJECTIVES:

The student should be able to

- 1.Explain the structure and functions of Dual Model under GST Act.
- 2.Examine the complimentary role and implication of SGST Act of Karnataka State under the DualModel of IGST Act.
- 3.Illustrate the procedure and levy under GST for a Casual Non Resident taxable provision.
- 4.Compute Tax Liability of an Assessee under GST and file returns for the same.
- 5.Relate the implication of integration of GST system with GSP Eco System.

Module 1:

Introduction To Goods And Services Tax (GST) - Objectives and basic scheme of GST, Meaning – Salient features of GST – Subsuming of taxes – Benefits of implementing GST – Constitutional amendments - Structure of GST (Dual Model) – Central GST – State / Union Territory GST – Integrated GST - GST Council: Structure, Powers and Functions. Provisions for amendments.

Module 2:

GST ACTS: CGST Act, SGST Act (Karnataka State), IGST Act

- Salient features of CGST Act, SGST Act (Karnataka State), IGST Act - Meaning and Definition: Aggregate turnover, Adjudicating authority, Agent, Business, Capital goods, Casual

taxable person, Composite supply, Mixed supply, Exempt supply, Outward supply, Principal supply, Place of supply, Supplier, Goods, Input service distributor, Job work, Manufacture, Input tax, Input tax credit, Person, Place of business, Reverse charge, Works contract, Casual taxable person, Non-resident person. Export of goods / services, Import of goods / services, Intermediary, Location of supplier of service, Location of recipient of service.

Module 3:

Procedure And Levy Under GST -Registration under GST: Persons liable for registration, Persons not liable for registration, Compulsory registration, Deemed registration, Special provisions for Casual taxable persons and Non-resident taxable persons. Exempted goods and services - Rates of GST. Procedure relating to Levy: (CGST & SGST): Scope of supply, Tax liability on Mixed and Composite supply, Composition Levy, Time of supply of goods and services, Value of taxable supply. Computation of taxable value and tax liability. Procedure relating to Levy: (IGST): Inter-state supply, intra-state supply, Zero rates supply, Value of taxable supply – Computation of taxable value and tax liability. Input tax Credit: Eligibility, Apportionment,– Transfer of Input tax credit - Simple Problems on utilization of input tax credit. Tax Invoice, E-Way bill, Provisions relating to E-Commerce.

Module 4:

Assessment And Returns - Furnishing details of outward supplies and inward supplies, First return, Claim of input tax credit, Matching reversal and reclaim of input tax credit, Annual return and Final return. Problems on Assessment of tax and tax liability.

Module 5:

GST And Technology - GST Network: Structure, Vision and

Mission, Powers and Functions. Goods and Service Tax Suvidha Providers (GSP): Concept, Framework and Guidelines and architecture to integrate with GST system. GSP Eco system. (Theory only).

Skill Development:

1. Narrate the procedure for calculation of CGST, SGCT and IGST.
2. Show the flow chart of GST Suvidha Provider (GST).
3. Prepare chart showing rates of GST.
4. Prepare challans for payment of duty.
5. Prepare Tax invoice under the GST Act.
6. Prepare structure of GSTN and its working mechanism.
7. Prepare list of exempted goods/ services under GST.
8. Prepare organisation chart of GST Council.
9. Prepare the chart showing scheme of GST.
10. Compute taxable value and tax liability with imaginary under CGST, SGST and IGST.
11. Procedure for registration
12. Furnishing of monthly returns. (GST R1, R2 & R3)

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Explain the structure and functions of Dual Model under GST Act.
2. Examine the complimentary role and implication of SGST Act

of Karnataka State under the Dual Model of IGST Act.

3. Illustrate the procedure and levy under GST for a Casual Non Resident taxable provision.
4. Compute Tax Liability of an Assessee under GST and file returns for the same.
5. Relate the implication of integration of GST system with GSP Eco System.

Books For Reference:

- *Deloitte: GST Era Beckons, Wolters Kluwer.*
- *Madhukar N Hiregange: Goods and Services Tax, Wolters Kluwer.*
- *All About GST: V.S Datey - Taxman's.*
- *Guide to GST: CA. Rajat Mohan,*
- *Goods & Services Tax – Indian Journey: N.K. Gupta & SunnaniaBatia, Barat's Publication*
- *Goods & Services Tax – CA. Rajat Mohan,*
- *Goods & Services Tax: Dr. Sanjiv Agrawal & CA. Sanjeev Malhotra.*
- *GST - Law & Practice: Dr. B.G. Bhaskara, Manjunath. N & Naveen Kumar IM,*
- *Understanding GST : Kamal Garg, Barat's Publication.*

P515 AR 201 – BUSINESS INFORMATION SYSTEM

COURSE OBJECTIVES:

Students should be able to

1. Illustrate the role of Management information system in providing information for Managerial / Business decision making.
2. Develop information system Audit for Business information system of hypothetical organization.
3. Design an Internet Electronic Data Exchange to take an advantage of advancement of Communication Technology.
4. Compare and contrast the Transaction Process system of any two E – Commerce and M – Commerce entities of the contemporary world.
5. Identify the security issues of Web publishing, learning HTML in the context of existing infrastructure of SOHO, BPO AND KPO.
6. Illustrate the phases of developing Business continuity Planning and Disaster recovery planning

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.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Illustrate the role of Management information system in providing information for Managerial/ Business decision making.
2. Develop information system Audit for Business information system of hypothetical organization.
3. Design an Internet Electronic Data Exchange to take an advantage of advancement of Communication Technology.
4. Compare and contrast the Transaction Process system of any two E – Commerce and M – Commerce entities of the contemporary world.
5. Identify the security issues of Web publishing, learning HTML in the context of existing infrastructure of SOHO, BPO AND KPO.
6. Illustrate the phases of developing Business continuity Planning and Disaster recovery planning

Books for Reference:

- *Agarwala K. N. &DeekshaAgarwala: Business on the Net, Bridge to the online store front, MacMillan, New Delhi.*

- *Diwan Parag & Sunil Sharma: Electronic Commerce, A Manager Guide to E-Business, Vanity Books International, Delhi.*
- *Gordan B Davis: Management Information Systems, McGraw Hill International.*
- *Kalakota Ravi & A. B. Whinston: Frontiers of Electronic Commerce, Addison Wesley.*
- *Lauden&Lauden: Management Information Systems, Prentice Hall of India, New Delhi.*
- *Martin J: Management Information Systems, Prentice Hall of India.*
- *Murthy C V S: E-Commerce, Himalaya Publishing House.*
- *Murthy C V S: Management Information System, Himalaya Publications.*
- *O'Brien James: A Management Information Systems, Tata McGraw Hill, New Delhi.*
- *Sadagopan S: Management Information Systems, Prentice Hall of India.*
- *Schneider Gary P: Electronic Commerce Course, Technology Delhi.*
- *Watson R T: Electronic Commerce, Strategic Perspective, Dryden Press.*
- *Young Margaret Levine: Complete Reference to Internet, TMH.*

P516 AR 202 - INTERNATIONAL BUSINESS ENVIRONMENT

COURSE OBJECTIVES:

The students should be able to

1. Describe the drivers of International Business in the context of Theories of International Trade and Globalisation.
2. List the variables that influence International Business decisions in the context of International Business Environment.
3. Examine the forms of International Trade and its implications on International Business.
4. Evaluate the Role of International Bodies in promoting the trade and Development of a country (s) in the context of Free Trade and Protection Regime.
5. Identify the methods of International Payment under FEMA Double Tax Agreement and FDI Laws and Regulations.

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 – – 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:

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)

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Illustrate the drivers of International Business in the context of Theories of International Trade and Globalisation.
2. Identify the variables that influence International Business decisions in the context of International Business Environment.

3. Compare and Contrast the forms of International Trade and its implications on International Business.
4. Relate the Role of International Bodies in promoting the Trade and Development of a country (s) in the context of Free Trade and Protection Regime.
5. Choose the methods of International Payment under FEMA Double Tax Agreement and FDI Laws and Regulations

Books for Reference:

- *Charles W Hill: International Business, TMH Publishing Company Ltd.*
- *Darrell Mahoney: International Business, Longman, 1998.*
- *Donn Ball & Wendell McCulloch: International Business, Irwin McGraw Hill, 1999.*
- *John D. Daniels & Lee Radfaugh: International Business, Pearson 2003.*
- *John. J. Wild (et al): International Business, Prentice Hall of India, 2003.*
- *Michael Zinkata (et al): Global Business, Dryden Press 1988.*
- *Richard M. Schaffer (et al): International Business Law and its environment, Thomson 2002.*
- *WTO Annual Reports, Geneva.*
- *WTO, Overview of Developments in the International Trading Environments, Annual report by the Director General WTO, Nov. 22, 2000.*
- *The International Business Environment – Sundaram & Black*

– *Prentice Hall.*

- *World Resources & Trade - Khanna & Gupta.*
- *International Trade – Law & Practice – Motiwal & Awasthi.*
- *Legal Environment Today – Miller & Roger Leroy.*

P119 AO 214: DISASTER MANAGEMENT

Objectives

- *To familiarize the students with the concepts, terminologies and developments in the field of Disaster Management*
- *To inform them about the necessity of studying Disaster Management and the prospects of a Disaster Manager.*
- *To create awareness about mitigation, preparedness, response and recovery strategies and action plans related to disasters*

Module 1:

Introduction to Disaster Management - Disaster – Definition; Types of disasters; History of disasters; Components of disaster; Dimension of disasters; Phases of disaster. iii) Hazard – Definition; types of hazards; characteristic features, occurrence and impact of different types of hazards viz. natural hazards (including geo hazards), human induced hazards, environmental hazards, bio hazards. iv) Vulnerability – Definition; Types of vulnerability – physical vulnerability, socioeconomic vulnerability, vulnerability related to gender and age, rural & urban vulnerability;.

Module 2:

Disaster Management and Planning - Nature and scope and disaster management process – policy – types of plans – SWOT analysis – hazard and vulnerability analysis with special reference to India – identifying crisis situations – organisation structure – roles, skills and competencies – importance of control process- team building for disaster management.

Module 3:

Disaster Management Cycle - Pre-Disaster – Risk Assessment

and Analysis, Risk Mapping, zonation and Microzonation, Prevention and Mitigation of Disasters, Early Warning System; Preparedness, Capacity Development; Awareness During Disaster – Evacuation – Disaster Communication – Search and Rescue – Emergency Operation Centre – Incident Command System – Relief and Rehabilitation – Post-disaster – Damage and Needs Assessment, Restoration of Critical Infrastructure – Early Recovery – Reconstruction and Redevelopment.

Module 4:

Contemporary issues in Disaster Management- Roles and responsibilities of government and agencies- national and international agencies – state and local bodies - NGOs –role of stakeholders - impact and role of media – community based approach to disaster management

Module 5:

Challenges in Disaster Management- Education - promoting public awareness – public health system – charting hazard maps - environmental degradation – behavioural aspects – psychological and humanitarian considerations.

Module 6:

Class activities - Case study analysis and group/individual presentations of live disaster related issues by the students. Assignments based on natural and manmade disasters which happened in India and abroad, and the lessons to be learnt from them.

Recommended Books:

1. Disaster Management, Dr. Mrinalini Pandey, Wiley India, 2019

P120 AO 217: STARTUP LAUNCHPAD: How to build your own startup

Objective:

The objective of this course is learning to build startups from scratch by rapidly developing and testing ideas, engaging customers through the Design Thinking model, calculating risks, costs and how to be profitable and sustain businesses. To also develop an understanding of Artificial intelligence.

Module 1:

Exploring business opportunities through research - Many startups fail by not validating their ideas early on with real-life customers. In order to mitigate that, students will learn how to get out of the building and search for the real pain points and unmet needs of customers. Only with these can the entrepreneur find a proper solution and establish a suitable business model.

Module 2:

Ideating solutions & prototyping startup ideas - Students will learn to have numerous brainstorming sessions to prioritise the best idea and prototyping solutions. This will enable them to have a Minimum Viable Product and use the tools to test feasibility, cost & time to go to market.

Module 3:

Iteration & gathering feedback -Building a startup is not simply building an execution plan for a business model that the entrepreneur thinks will work, but rather, a search for the actual business model itself.

Module 4:

Business models & value proposition- Understand Value Proposition through Customer Segments and generate Revenue streams. Customer Development Processes help us develop multiple MVP and conduct Market Opportunity Analysis

Module 5:

No Code Product Development - We will build a Social Media Platform through No Code Product development where the students will actually build a tech product and will be able to apply the same skill to build a product/service of their own and take it to the market without writing a single line of code!

Module 6:

Understanding & experimenting with AI - Understanding what is AI, how it works & relevant it is in today's world. AI is changing the way Commerce works. This module will take a real world case studies and small AI experiments which students can undertake.

Module 7:

How to get your first investor & Startup demo day - Students will learn to create pitches & deliver their pitches to potential investors. They will present their startup journey and their business models on a decided demo day.

BOOKS OF REFERENCE:

1. The Lean Startup by Eric Ries, 2011

2. *Zero to One* by Blake Masters and Peter Thiel, 2014
3. *Superintelligence* by Nick Bostrom, 2014
4. *Built to Last: Successful Habits of Visionary Companies* by James C. Collins and Jerry I. Porras, 1994
5. *Hooked: How to Build Habit-Forming Products* by Nir Eyal, 2013
6. *The Design of Everyday Things* by Don Norman, 1988

P115 QTLR 201: QUANTITATIVE TECHNIQUES AND LOGICAL REASONING- II

COURSE OBJECTIVES:

The students should be able to:

1. Select appropriate charts and graphs to represent the tabulated data.
2. Solve problems of logical reasoning in nature
3. Solve problems of Verbal reasoning in nature

Module 1:

Charts & Graphs - Bar Chart ; Histograms; Pie-Chart; Table Chart; Line Chart

Module 2:

Logical Reasoning - Series & Sequences – Alphabetic Series, Number Series & Alphanumeric Series; Linear Arrangement (Seating Arrangement) – Single Row, Double Row & Circular; Complex Arrangement (Puzzle Solving Test); Coding-Decoding; Blood Relations; Direction sense & Distance test; Syllogisms; Statement & Conclusion/Arguments/ Course of Action/ Assumption; Venn Diagrams & Logical Diagrams; Ranking & Order Test; Mathematical Operations; Data Interpretation & Data Sufficiency; Analytical Reasoning

Module 3:

Verbal Reasoning - Analogy ; Verbal Classification; Sentence Completion; Paragraph Completion

COURSE OUTCOMES:

After completion of the course, the students will be able to

1. Select appropriate charts and graphs to represent the tabulated data.
2. Solve problems of logical reasoning in nature
3. Solve problems of Verbal reasoning in nature

Books for Reference:

- *Quantitative Attitude* by R.S.Agarwal, Chand Publisher.
- *Verbal and non verbal reasoning* by R.S. Agarwal, Chand Publications