

VIMALACOLLEGE(AUTONOMOUS)

(NAAC Re-accredited(3rd Cycle): A Grade, CGPA-3.50) **College with
potential for Excellence**

Affiliated to University of Calicut



MASTERS DEGREE PROGRAMME

INCOMMERCE
Under Credit and Semester System
(VCCSS)

SYLLABUS, SCHEME, AND MODEL QUESTION PAPERS
(2016 ADMISSION ONWARDS)

VIMALA COLLEGE ENGINEERING COLLEGE
P O, THRISSUR
KERALA- 680009, INDIA

VIMALA COLLEGE (AUTONOMOUS), THRISSUR-

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**REGULATIONS GOVERNING MASTER OF COMMERCE PROGRAMME
UNDER CREDIT AND SEMESTER SYSTEM PROPOSED TO BE IMPLEMENTED
WITH**

EFFECT FROM 2016 -17 ACADEMIC YEAR

1.0 Title of the programme

This DEGREE shall be called MASTER OF COMMERCE (M.Com.)

2.0 Eligibility for admission

Any candidate who has passed B.Com or BBA (earlier BBS) degree of University of Calicut or B.Com, BBA or BBM or BBS degree of any other University or Institute in any state recognized by UGC or AICTE with a minimum of 45% marks is eligible for admission. OBC and SC/ST students are eligible for relaxation as per University rules.

3.0 Duration of the programme

The duration of the M.Com programme of study is two years divided into four semesters.

4.0 Medium of Instruction

The medium of instruction and examination shall be English.

Programme Objectives:

- ☐ To provide an opportunity for graduates to develop with Academic and Professional Excellence to cope up with latest developments in the national and global level
- ☐ To offer an advantage of entering into a career in research or in professional areas of commerce and financial services such as taxation, consultancy etc., as a socially responsible and morally accountable citizen

Programme Outcome:

- Students will be able to pursue their career in Teaching and Research.

Programme Specific Outcome: Post Graduates will be able to

- Develop advanced theoretical knowledge base and research potential in their academic and research focused careers
- To become a professionally qualified, equipped with latest knowledge, in the area of business research and Financial services

Subjects of study

The subjects of study leading to the award of M.Com shall comprise the following courses:

Semester I

Course Code	Course Title	Hours Theory	Hours Practice	Total Hours	Total Credits
VPMC1C01	Business Environment	80	16	96	4
VPMC1C02	Quantitative Techniques for Business Decisions	80	16	96	4
VPMC1C03	Accounting for Managerial Decisions	80	16	96	4
VPMC1C04	IT Applications in Commerce	80	16	96	4
VPMC1C05	Organizational theory and Behavior	80	16	96	4
Total in a Semester		400	80	480	20

Semester II

Course Code	Course Title	Hours Theory	Hours Practice	Total Hours	Total Credits
VPMC2C06	International Business	80	16	96	4
VPMC2C07	Advanced Corporate Accounting	80	16	96	4
VPMC2C08	Business Communication	80	16	96	4
VPMC2C09	Management Science	80	16	96	4
VPMC2C10	Strategic Management and Corporate Governance	80	16	96	4
Total in a Semester		400	80	480	20

Semester III

Course Code	Course Title	Hours Theory	Hours Practice	Total Hours	Total Credits
VPMC3C11	Financial Markets & Institutions	80	16	96	4
VPMC3C12	Income Tax Law and Practice	80	16	96	4
VPMC3C13	Research Methodology	80	16	96	4
VPMC3EF01	Elective I Financial Management	80	16	96	4

VPMC3EF02	Elective II Security Analysis and Portfolio Management	80	16	96	4
Total in a Semester		400	80	480	20

Semester IV

Cours e Code	Course Title	Hours Theor y	Hours Practic e	Total Hour s	Total Credit s
VPMC4C14	Financial Derivatives and Risk Management	80	16	96	4
VPMC4C15	Cost Management	80	16	96	4
VPMC4EF03	Elective III Strategic Financial Management	80	16	96	4
VPMC4EF04	Elective IV Tax Planning and Management	80	16	96	4
VPMC4PR	Project Work and Viva-Voce	80	16	96	4
Total in a Semester		400	80	480	20

Consolidated Credit

Semester	No of Theor y papers	Hours Theor y	Hours Practic e	Total Hour s	Total Credit s
I	5	400	80	480	20
II	5	400	80	480	20
III	5	400	80	480	20
IV	5	400	80	480	20
		1600	320	1920	80

The credits and hours per week

The credits and hours proposed for various courses in different semesters are as given under

Semester	No. of theor y paper	Theory		Project		Tota l hour s	Total credi t
		Hrs	Credi t	Hrs	Credit		
I	5	25	20	0	0	25	20
II	5	25	20	0	0	25	20
III	5	25	20	0	0	25	20
IV	4	20	16	5	4	25	20

Total credits for the programme	80
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Functional Electives

(a) Finance

<i>CourseCode</i>	<i>Name</i>
VPMC3EF01	FinancialManagement
VPMC3EF02	Security Analysis and PortfolioManagement
VPMC3EF03	Strategic Financial Management
VPMC3EF04	Tax Planning andManagement

Semester IV VPMC4PR Project Work and Viva-Voce

Project Report

During the third and fourth semesters each student shall do a project work under the guidance of a faculty member

- ☐ The project should be done individually on a topic based on a need in the business organisation or a social or economic problem relating to the discipline to be decided by the student under supervisingteacher.
- ☐ The candidate shall prepare at least two copies of the report: one copy for submission to the Department and one copy for the student which he/she has to bring with him/her at the time of viva voce. More copies may be prepared if the organization or the guide or both ask for one copyeach.
- ☐ The report shall be printed (or neatly typed) and bound (preferably spiral bound) with not less than 60 A4 size, 1.5 spaced, pages, Times New Roman Font, Font Size 12pt.
- ☐ The project report should be submitted to the Head, Department of Commerce of the College where he/she is doing M.Com at least 10 days before the last working day of the fourth semester duly certified by theguide.

Structure of the report

Title page

Certificate from the organization (if the project work is done in an organisation)

Certificate from the supervising teacher

Declaration of the student

Acknowledgement

Contents

Chapter I: Introduction (Significance of the study, Research problem, objectives of the study, Research methodology etc.)

Chapter II: Review of literature

Chapter III: Organization Profile/Conceptual Frame work

Chapter IV: Data Analysis and Interpretation

Chapter V: Summary, Findings and Recommendations

Appendix: Questionnaire, specimen copies of forms, other exhibits etc. Bibliography: Books, journal articles etc. used for the project work.

Project Work shall have the following stages

- Problem identification
- Project draft proposal presentation and discussion
- Finalization of the proposal
- Data collection and analysis of Data
- Report writing
- Final Project report submission

Evaluation of project report: As per common regulations for CSS for PG.

Viva Voce Evaluation is based on:**Internal Viva**

Components	Weightage	Max. WGP
Problem Formulation	9	36
Methodology	9	36
Analysis of Data	18	72
Criticality of Findings	9	36
Report Writing	9	36
Total	54	216

Grade point = WGP/54

External Viva

A = 3.5-4, B = 3.49-2.5, C = 2.49-1.5, D = 1.49-0.5, E = up to .49

Components	Weightage	Max. WGP
Knowledge in the Subject	6	24
Knowledge in the Project Work	6	24
Communication skill, Presentation skills etc.	6	24
Total	18	72

Grade point = WGP/18

A = 3.5-4, B = 3.49-2.5, C = 2.49-1.5, D = 1.49-0.5, E = up to .49

At the end of fourth semester, each candidate shall attend a comprehensive viva voce. The viva board shall have two external members and one internal member.

QUESTION PAPER PATTERN FOR INTERNALEXAM

Section	Nature of Question	Weightage (1)	Total Number of Questions (2)	Number of Questions to be Answered (3)	Total Marks (1)x(3)
A	Short Answer	1 Each	3	3	3
B	Short Essay	3 Each	4	3	9
C	Long Essay	6 Each	2	1	6
Total			9	7	18

QUESTION PAPER PATTERN FOR EXTERNALEXAM

Section	Nature of Question	Weightage (1)	Total Number of Questions (2)	Number of Questions to be Answered (3)	Total Marks (1)x(3)
A	Short Answer	1 Each	6	6	6
B	Short Essay	3 Each	8	6	18
C	Long Essay	6 Each	3	2	12
Total			17	14	36

Scheme of Evaluation (Internal Marks)

Sl. No.	Componts	Marks
1	Attendance	4
2	Test papers: I	4
3	Test papers:II	4
4	Assignment	4
5	Seminar	4
Total Grade Point		20
NB: A=3.5-4; B=2.5-3.49; C=1.5-2.49; D=0.5-1.59; E=0-0.49		

CALCULATION OF ATTENDANCE COMPONENT

Sl.No	% of attendance	Grade Point	Grade
1	Above 90%	4	A
2	85-89%	3	B
3	80-84%	2	C
4	75 -79%	1	D
5	Below 75	0	E

MASTER OF COMMERCE

SEMESTER I

VPMC1C01: BUSINESS ENVIRONMENT

Instructional Hours:80Hours

Credits:04

Weightage :36

Objectives

- To familiarize students with the concepts of macro-economic in which a Business organization operates.
- To give an idea about the policies of the government and assess their impact on business.

Course Outcome

Upon the completion of this course the students will be able to:

- Identify the impact of factors influencing business environment
- Understand how business responds to environmental changes
- Indian economic profile and its determinants, Shift in focus from public to private sector
- Relevance of FDI in Indian scenario

Module I: *Business Environment*: Meaning and Elements of Business Environment
Components and significance – Scope – political, Economic, Social, Technological, Legal, Cultural and Labour Environment – Trade Unions – Quality Circles – External Factors
Influencing Business Environment Dimensions of International Business Environment –
Challenges. **15hours**

Module II: *Structure of Indian Economy*: Economic Systems – Economic Planning – Planning
Commission and NITI AYOOG – Public Sector – Changing Role – Relevance – Public Sector
Reforms – Public Private Participation – Privatization and Disinvestments – Fiscal Policy –
Monitory Policy – Structure of Union and State Budgets – Sources of Revenue – Management
of Public Debt. **20 hours**

Module III: *Profile of Indian Economy*: New Economic and Industrial Policy – Economic
Reforms
– Land Reforms – Liberalization – Problems of Growth – Unemployment, Poverty, Regional
Imbalances, SEZ , Social Injustices, Inflation, Black Money, Lack of Technical Knowledge and
Information – Globalization Various Aspects, Consequences **15 hours**

Module IV :Foreign Direct Investment and Institutional Investment : Forms – Policy - FDI in Retail Trade – Problems and Consequences – FEMA – Multinational Corporations Role and Recent Trends – Problems and Consequences –CompetitionLaw. 15 hours

Module V: Environmental Studies- an overview: Pollution Control Act, 1986 – Environment Protection Act, 1986 – Biological Diversity Act, 2002 - National Green Tribunal Act , 2010 – Consumer Protection Act, 1986 – Right to InformationAct,2005 15hours

References

: Core

Readings:

1. Sivayya, K.V.and Das VBM: *Indian Industrial Economy*, Sultan ChandPublishers,Delhi.
2. Bedi, Suresh: *Business Environment*, Excel Publications, NewDelhi.
3. Cherunilam, Francis: *Business Environment - Text & Cases*, Himalayan Publishing House,Mumbai.
4. Adhikari ,M.: *Economic Environment of Business*, Sultan Chand & Sons,NewDelhi.
5. Narain, Laxmi :*Globalization , Liberalization and Privatization of Public Enterprises*, Sultan Chand & Co, NewDelhi.
6. Pandey, G.N., *Environmental Management*, Vikas PublishingHouse.
7. Agarwal, Raj :*Business Environment*, Excel Publications NewDelhi.
8. Ray: *Indian Economy*, Prentice Hall ofIndia.

Additional Readings:

1. Dutt, Rudder and Sundaram, KPM.: *Indian Economy*, S. Chand and Co., NewDelhi.
2. Chand, Amar: *Government and Business*, Tata McGraw Hill, NewDelhi.
3. Alternative Survey Group: *Structural Adjustment in India – An Assessment*, NewAge
4. Int. (P),NewDelhi.
5. Cherunillam, Francis: *Business and Government* , Himalaya Pub. House, NewDelhi.
6. Awasthappa, K: *Essentials of Business environment*, Himalaya Pub. House, NewDelhi.
7. Ghosh, P.K. & Kapoor G.K.: *Business Policy and Environment*, S. Chand andSons,NewDelh.
8. Francis, Cherunilam: *International Business: Text and Cases*, Prentice Hall ofIndia.
9. Branson, William H., *Macro Economic Theory and Policy*, First East – WestPress.

Current Readings

1. Economic and Political Weekly. Economic Survey of India. Govt. of India Latest Economic Survey

VPMC1C02: QUANTITATIVE TECHNIQUES FOR BUSINESS DECISIONS

Instructional Hours:80Hours

TotalCredits:04

Weightage :36

Objectives:

- To acquaint students with important quantitative techniques, which enable sound business decisionmaking
- To make students learn the process of applying appropriate quantitative techniques for validating findings and interpreting results.

Course outcome

- Increase your capability as a manager to ‘think statistically’ using data and use this capability to support your business intuition
- achieve a practical level of competence in building statistical models that suit business applications

Module I: *Quantitative Techniques* : Qualitative and quantitative approaches – Role in decision making – Significance of quantitative decisions - Inferential analysis for management – Statistical estimation, Point estimation, Interval estimation, Confidential Limits, Estimating population mean, Estimating population proportion – Sample size and its determination.

15 hours

Module II: *Tests of significance*: Basic concepts – Parametric Tests – Sampling Distribution – Large and small samples – Standard Error – Hypothesis – Level of Significance – Degree of Freedom – Central limit theorem – Critical value. Parametric tests – Tests for means, Tests for proportions, Tests for variance – Z test, t test, F test – Test for Paired Observations – Analysis of Variance – One way and Twoway classifications.

20 hours

Module III: *Correlation*: Types, Coefficient of Correlation, Rank correlation, Partial and Multiple correlation, Probable error – ***Regression***: Multiple Regression - Practical application of statistical test in correlation and regression.

15 hours

Module IV :*Non-parametric tests* : Assumptions – Features – Advantages – Limitations – Chi Square test, Contingency tables, Tests for goodness of fit, Test for independency - Sign test - Wilcoxon Signed Rank test - Mann Whitney U test - Kruskal Wallis test (H Test) - Wald Wolfowitz Runs Test - Software for Quantitative methods–SPSS, Data Entry, Descriptive statistics, Inferential Analysis.

15 Hours

Module V :*Statistical Quality Control* : Variations, Assignable variations and Chance

variations – Process control – Product control – Control charts for variables, X chart, R chart- Control for attributes, P chart, np chart, C chart – Merits of control charts – Applications in business. **15hours**

(Theory and Problems may be in the ratio of 40% and 60% respectively)

References:

1. Levin & Rubin, *Quantitative Approaches for Management*, Pearson
2. Anderson, *Quantitative Methods for Business Decisions*, Thomson
3. Barry Render, *Quantitative Analysis for Management*, Prentice Hall of India
4. Vohra, N.D., *Quantitative Techniques for Management*
5. Sharma Anand, *Quantitative Techniques for decision making*, Himalya Publishing House
6. Gupta & Khanna, *Quantitative Techniques for decision making*, Prentice Hall of India.
7. Gupta S P, *Statistical Methods*, S. Chand & Sons.

VPMC1C03: ACCOUNTING FOR MANAGERIAL DECISIONS

Instructional Hours: 80 Hours

Total Credits: 04

Weightage : 36

Objectives:

- Enable the students to know the applications of accounting tools, techniques and concepts in managerial decision making process.
- To enable the students to acquire knowledge of managerial decision making process.

Course Outcome:

- Students will be able to critically analyze and provide recommendations to improve the operations of organizations through the application of management accounting techniques.

Module I: Management Accounting: Nature, Scope and functions, Role of management Accountant – Cost concepts and classifications – Variable costing and Absorption costing – Emerging costing approaches - Life Cycle Costing, Quality costing, kaizen costing, throughput costing, Back Flush Costing, Activity Based Costing.

10 hours

Module II : Fund Flow Statements: Meaning and concept of funds, Current and Noncurrent Accounts, Flow of Fund, Preparation of Fund Flow Statements, Uses and Significance. Cash Flow Statements: Differences Between Fund Flow and Cash Flow Statements, Preparation of Cash Flow Statements As Per AS-3 Norms, Direct and Indirect

Methods

20 hours

Module III: CVP Analysis and Decision making : Managerial applications of CVP analysis, Make or Buy decisions, Alternative methods of Production, Buy or lease decision, Shut down or continue, Repair or replace ,Accepting bulk orders for Idle capacity utilization, Pricing under different situations – Suitable product mix, and Key Factor. **15 hours**

Module IV: Cost of capital: Concept, Relevance, Elements of cost of capital- Cost of equity, Cost of debt, Cost of retained earnings, calculation of weighted Average Cost of Capital, Cost control and cost reduction techniques – Value Engineering.

15 hours

Module V: Performance measurement : Financial and non-financial measurement of performance Return on investment, Residual income, Economic value added (EVA) – Concept, measurement, Balanced score card- Concept, objectives, Multiple score card measures, New horizons in Managerial control – Transfer pricing , Responsibility accounting , Performance Budgeting , ZBB,– Social cost benefit analysis.

20 hours

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(Theory and Problems may be in the ratio of 40% and 60% respectively) **References:**

1. Jain and Narang. “*Cost and Management Accounting*”. KalyaniPublishers
2. S N Maheswari. “*Management Accounting and Financial Control*”. Sulthan Chand & Sons
3. N.K Kulshrestha. “*ManagementAccounting*”.TaxmanPublications
4. Paresh Shah .”*Management Accounting*”, OxfordPublishers
5. Ravi.M Kishore. “*Advanced Management Accounting*”.,Taxman
6. Colin Drury . “*Management and Cost accounting*”. CengageLearning
7. Dr. S.P Gupta . “*Management Accounting*”. Sahitya BhavanPublishers

VPMC1C04: IT APPLICATIONS IN COMMERCE

Instructional Hours:80Hours

TotalCredits:04

Weightage :36

Objectives:

- To get an overall idea about various IT applications used in the business platform especially MIS.
- To make a practical approach in spreadsheet modeling and database management System.

Course Outcome:

On completion of the requirements for this course, students will be able to:

1. Develop hands-on, pro forma modeling skills using Excel.
2. Use information technology tools to analyze financial securities and Project Appraisal.
3. Gain familiarity with the concepts and terminology used MS Access.
4. Explore various methods where Information Technology can be used to support existing businesses and strategies.
5. Demonstrate basic knowledge on ERP.

Module I: *Concept of MIS : Information-* Concept of information – Characteristics of information quality of information - information overload – System - System concepts – Types of systems – characteristics of system – control in systems – system stress – Characteristics of MIS – MIS architecture – Basic structural concepts – MIS and other academic disciplines – Need for MIS – Strategic role of MIS - Limitations of MIS – Approaches for system development : System development life cycle – prototyping – Rapid Application development – End user development.

20hours

Module II: *Introduction To Different Sub-Systems:* Transaction Processing Systems, Office Automation Systems - Decision Support Systems - Executive Information Systems - Artificial intelligence and Expert systems. Functional Information Systems in Business - Production Information system – Marketing Information System – Financial Information System – HR Information System.

12hours

Module III :*Spread Sheet Based Application For Business* : basic concept of spreadsheet – popular spreadsheet based programmes – Modeling in spreadsheet – formulation – Logical functions – Financial functions – Statistical analysis – spreadsheet security – database function in spreadsheet – linking data between work sheets – developing models for liquidity and profitability analysis by using accounting ratios – Project appraisal using spread sheet – Inventory management.

20 hours

Module IV :*Database Management Technology* : Data base concept – Database terminology – DBMS – Popular DB softwares – Components of DBMS – Database structure – RDBMS –

objects of database software – Table creation – Query creation – Form creation – Report Generation – Business application of Database software

20 hours

Module V :Enterprise Resource Planning : Introduction – Features of ERP – Database and ERP – ERP & BPR – ERP Modules – ERP implementation methodology – Popular ERP Packages.

8hours

References:

1. LM Prasad & Usha Prasad: Management Information Systems, Sulthan Chand & Sons.
2. AK Gupta: Management Information Systems: S Chand & Co.Ltd.
3. James O Breien, George M Marakas & Ramesh Behl: Management Information Systems, McGrawhill
4. Alexis Leon: Enterprise Resource Planning:

VPMC1C05: ORGANISATIONAL THEORY AND BEHAVIOR

Instructional Hours:80Hours

TotalCredits:04

Weightage :36

Objectives

- To familiarize students with the basic concepts of an organization and to enhance the understanding of the interaction between the individual and the organization, and to diagnose and effectively deal with the issues of human behavior in organizations.
- To help students understand the impact of work behavior and attitudes on organizational behavior and management practices by examining various psychological principles.

OUTCOMES

On completion of this course, students should be able to:

- Describe key concepts and theories of motivation related to human behavior in organizational systems and connect these to current business situations and issues;
- Understand how individuals and groups influence organizational culture and impact the dynamics of teamwork;
- Evaluate different leadership styles and understand how to adapt these to individual employees and work environments;

- Develop strategies to facilitate collaboration and enhance the effectiveness of teamwork;
- Ability to work with people from a range of cultures and Building and maintaining relationships

Module I: *Organizational Basis for Behaviour* – Contributing disciplines to the OB field - Need for the knowledge of OB – Need for a contingency approach to the study of OB – Emerging challenges and opportunities for OB – The organization as a system – System – System approach to organizational behaviour – Managerial functions – The organization and people.

10hours

Module II :*Basic Psychological Process* – Perception – Factors influencing perception - Attribution theory – Specific applications in organizations – Learning - Theories of learning – Using learning concepts for self management – implications for performance and satisfaction – Remembering – Basic motivational concepts – Theories of motivation.

20hours

Module III: *Personality* – Determinants of personality – Theories of personality – Major personality attributes influencing organization behaviour - Building and maintaining the self values, attitudes and job satisfaction – Ethical issues in organizational behaviour – Mental and health problems in organizations – Role of counseling.

20hours

Module IV: *Group Dynamic And Inter Group Relationships* – Characteristics of workgroup – Basic forces of group behaviour – Dynamics of effective operating groups – Work Group Behaviour and productivity - Team management – Styles and skills in leadership and communication – Power and politics in organization – Managing differences and conflicts – Managing Change – Organization and society.

20 hours

Module V :*Organizational Development* – Techniques of organizational development Interventions- Grid management – Transactional Analysis- Change Agents – Sensitivity training – Process Consultancy - Case discussions and analysis.

10 hours

References:

1. Fred Luthans, *Organizational Behaviour*, McGraw Hill Publishing Company, New York.
2. Daniel C. Fieldman and Hugh Arnold, *Managing Individual and Group*

Behaviour in Organizations, Tata McGraw Hill.

3. Henry Mint Berg, *The structuring of organizations*, PrenticeHall.
4. Edwin Gerloff, *Organizational Theory and Design*, McGraw-Hill.
5. Aswathappa K., *Organisational Behaviour*, Himalaya Publishing House, New Delhi
6. Prasad L.M., *Principles and Practice of Management*, Sultan Chand & Sons.

SEMESTER II

VPMC2C06: INTERNATIONAL BUSINESS

Instructional Hours: 80 Hours

Total Credits: 04

Weightage

:36

Objectives:

- To acquaint the students with various concepts of Foreign Trade
- To enable the students to gain knowledge of International Business.

Course Outcome:

The students will be able to,

- ☐ Conduct an environmental scan to evaluate the impact of world issues on an organization's international business opportunities.
- ☐ Develop and present an international marketing plan, and evaluate sales strategies that support an organization's integrative trade initiatives.
- ☐ Identify and interpret relevant international financial documents, and evaluate financial strategies that support an organization's integrative trade initiatives.
- ☐ Recommend strategies to support principles of corporate sustainability, corporate social responsibility and ethics associated with an organization's integrative trade initiatives and evaluate their effectiveness.

Module I: International Business: Meaning and Scope – Theories of International trade; classical and modern theories, protectionism vs. free trade, Trade barriers, Tariff and Non-tariff barriers, Terms of trade – Balance of payment, disequilibrium and corrective measures.

15 hours

Module II: International Business Analysis: Internal and External environment analysis, Modes of Entry, Exporting, Licensing, Franchising-Contract manufacturing, Management contracts, turnkey projects – Foreign Direct Investments: Greenfield Investments, Mergers & Acquisitions, joint ventures – FDIs in emerging markets: recent trends.

15 hours

Module III: Stages of Internationalization: International, Multinational, Global and Transnational corporations – strategic orientations, Growth of MNCs, Contributing factors, Merits and demerits of MNC, Transfer of technology, Regulation of MNCs, MNCs in India.

18 hours

Module IV: International Traded Agreements: Bilateral, Plurilateral and Multilateral agreements, GATT and WTO, WTO agreements, TRIPs, TRIMs, GATS and AoA, Trade Facilitation Issues, Environmental issues, India and WTO

17 hours

Module V: Regional Economic Integrations: Meaning and rationale, Forms of integrations – EU, NAFTA, ASEAN, SAFTA, APEC and other groupings – International Financial Institutions, IMF, World Bank and ADB, functions and role in economic development.

15 hours

References:

1. Cherunilam Francis, “*International Business: Text and Cases*”, PHI, New Delhi.
2. Shukla Shyam “*International Business*”, Excel Books, New Delhi
3. Mohan Joshi Rakesh, “*International Business*”, Oxford University Press, New Delhi.
4. Subba Rao, P. “*International Business*”, Himalaya Publishing House, Mumbai.
5. Adhikary Manab, “*Global Business Management in an International Economic Environment*”, Macmillan, New Delhi.
6. Charles, W.L. Hill, “*International Business*”, Mc Graw Hill, New York.
7. Michael Czinkota, “*International Business*”, Wiley, New York.
8. Paul Justin “*International Business*”, PHI, New Delhi.
9. Sundaram Anant Kumar and Stewart Black, J. , “*The International Business Environment: Text and Cases*”, PHI, New Delhi.
10. Daniels John, Radebaugh Lee, Sullivan Daniel, “*International Business*”, Pearson Education, New York.

VPMC2C07: ADVANCED CORPORATE ACCOUNTING

Instructional Hours: 80 Hours

Total Credits: 04

Weightage : 36

Objectives:

- To provide theoretical knowledge of International Financial Reporting Standards.
- To enable the students to gain ability to solve problems relating to Holding Company,

Accounts, Liquidation of Companies and various other Accounts.

Course Outcome

- ☐ Explain the development of consolidation theories, current issues of consolidation, and accounting standards in U.S. GAAP and IFRS.
- ☐ Prepare consolidated financial statements as of the date of acquisition and for periods subsequent to the date of acquisition for 100% and partially owned subsidiaries.
- ☐ Show adjustments to consolidated financial statements from intra-entity transactions between the parent company and its 100% or partially owned subsidiaries.
- ☐ Describe the accounting principles and regulations that frame financial statements.
- ☐ Describe information conveyed by the financial statements.

Module I: *International Financial Reporting Standards (IFRS)*: Introduction – Meaning – Scope

– An Overview of the International Financial Reporting Standards – IFRS 1 to 13, Role of IASB
– Arguments for Global Convergence – Required disclosure as per IFRS – Achievements of IASB and Obstacles in Convergence – Difference between IFRS and Indian Accounting Standards – USGAAP. **15hours**

Module II : *Accounting for Group companies*: Holding Companies – Definition – Accounts Consolidation – Preparation of Consolidated Balance Sheet – Minority Interest – Pre – acquisition or Capital Profits – Cost of Control or Goodwill – Intercompany Balance – Unrealized inter company profits – Revaluation of assets and liabilities – Treatment of Dividend- Bonus Shares

20 hours

Module III: *Accounting For Corporate Restructuring* - Internal - External - Mergers and Acquisition - Accounting for Liquidation of Companies: Preparation of Statement of Affairs – Deficiency/Surplus Account – Liquidator's Final Statement of Account-Receiver's Statement of Accounts. **25hours**

Module IV : *Investment Account- Voyage Accounts*: Meaning of important terms – Voyage in progress - Farm Accounts: Characteristics – Advantages and Disadvantages – Final Accounts of Farms. **10hours**

Module V: *Accounting for Price Level Changes*: Methods – CPP, CCA and Hybrid - Social responsibility accounting - Human Resources Accounting: Objectives – Methods of Valuation (Theory only) - Advantages and Disadvantages

10 hours

(Theory and Problems may be in the ratio of 30% and 70% respectively)

References:

1. Shukla and Grewal: *Advanced Accounts*. S.Chand & Co Ltd. New Delhi.
2. Jain and Narang: *Advanced Accounts*, Kalyani Publishers, Ludhiana
3. Paul K.,: *Accountancy*, Volume-I and II (New Central Book Agency, Kolkata)
4. R.K., Lele and Jawaharlal; *Accounting Theory*, Himalaya Publishers
5. Dr. L.S. Porwal; *Accounting Theory*, Tata Mc Graw Hill
6. Robert Anthony, D.F. Hawkins & K.A. Merchant: *Accounting Text & Cases*. Tata McGraw Hill.
7. Dr. S.N. Maheshwari: *Corporate Accounting*, Viakas Publishing House Pvt. Ltd. New Delhi
8. Dr. Ashok Sehgal & Dr. Deepak Sehgal; *Advanced Accounting*, Tazmann, New Delhi.
9. R.L. Gupta & Radhaswamy *Advanced Accountancy*, Sultan Chand and Co.
10. Anthony, R.N. & Reece, J.S.: *Accounting Principles*, Richard Irwin, Inc.
11. Barker, P. & O'Hogartaigh, C.: *Group Accounts – Theory and Practice*, Oaktree Press 1st Edn.
12. Narayanswamy, R.: *Financial Accounting - A Managerial Perspective*, PHI, New Delhi,
13. Hani & Mukherjee: *Corporate Accounting*, TMG, New Delhi.
14. Xavier, G. Francis: *Fundamentals of Advanced Accounts*, Vol-III, TMG, New Delhi.
15. *Financial Reporting Vol. 1* by The Institute of Chartered Accountants of India.
16. M.C. Shukla, T.S. Grewal. & S.C. Gupta: *Advanced Accountancy*.

Journals : Chartered Accountant.

VPMC2C08: BUSINESS COMMUNICATION

Instructional Hours: 80 Hours

Total Credits: 04

Weightage : 36

Objectives:

- To understand the process of business communication
- To acquire required skills to manage business communication

Course Outcome:

1. The ability to analyze, interpret, and comprehend information sources and the ability to effectively express ideas and facts in written format.

2. The ability to engage in active and professional communications and dialogue in business and the community.

Module I: *Business Communication* : meaning – need – process – methods – written, verbal, non- verbal, visual, telecommunications; types of business communications – internal and externals, upward and downward, lateral; barriers to communication – physical, psychological, linguistic, mechanical. **10 hours**

Module II: *Communication through letters*: business letters - layout of letters- kinds of business letters - characteristics of a good letter, application for appointment – resume – references;

appointment orders: Business enquiries - offers and quotations - orders execution of orders – cancellation of orders - Letters of complaint, letters of agency – status enquiries - circulars and circular letters notices report by individuals - reports by committees- annual report - writing of reports. **20hours**

Module III: *Non-verbal communication*: Body language - Kinesics, proxemics, para language - Effective listening- Principles of effective listening: factors affecting listening - Interviewing skills - appearing in interviews - conducting interviews.

20hours

Module IV: *Self development and communication*: development of positive personal attitudes SWOT analysis - Personality development- concept of personality, concept of self- perception, personality Types. **15 hours**

Module V: *Transactional analysis*: Games and exercises: Business games, Group discussions; Mock interviews; Seminars - effective listening exercises - Public speaking - preparing and delivering effective public speeches – Resume preparation- Office etiquette **15 hours**

References:

1. O'Hair. Dan. Gustav W. Friedrich and Lynda Dee Dixon, *Strategic Communication in Business and the Professions*, Pearson Education, Delhi, 2008.
2. Dalmal Fisher. *Communications in Organizations*, Jaico Publishing House, Mumbai – 1999.
3. Bovee. Thill & Schatzman, *Business Communication Today*. Pearson Education,

Delhi, 2004.

4. Shirley Taylor, *Model Business Letters, E-mails & other Business Documents*, Pearson Education, Delhi, 2004.
5. Soundararaj, Francis, *Speaking and Writing for Effective Business Communication*, Macmillan India Ltd., Delhi, 2007.
6. Rajendra Pal & Korlahalli, *Essentials of Business Communication*, Sultan Chand & Sons, New Delhi 2004

VPMC2C09: MANAGEMENT SCIENCE

Instructional Hours: 80 Hours

Total Credits: 04

Weightage : 36

Objectives:

- To familiarize students with concepts of management science and tools supporting decision making
- To enable students to apply Management science techniques in appropriate decision situations.

Course Outcome: graduates will be able to:

1. apply the 'transformation model' to identify the inputs, transformation processes and outputs of an organisation
2. describe the boundaries of an operations system, and recognise its interfaces with other functional areas within the organisation and with its external environment
3. Apply decision-support tools to business decision making.

Module I: *Management science*: Basic concepts – Management science – Models – Modeling – Important Management Science Techniques – Merits and demerits. 10 hours

Module II: *Linear Programming* : Basic concepts, Formulation of LP, Solutions to LPP - Graphic method, simplex method – Maximizing and Minimizing with Inequality of Constraints – applications in business

15 hours

Module III: *Transportation and Assignment* : Transportation – Basic concepts – NWC method, Least Cost method, Vogel's approximations method, Stepping stone method, Modified Distribution method – Assignment - Basic concepts – Solution for assignment model, Hungarian

assignment method.

20 hours

Module IV: *Network Analysis* : Basic concepts – Network – CPM – Calculation of Project Duration critical activities – PERT, Time estimates in PERT – Probability of Project Completion –Applications in business.

20 hours

Module V: *Queuing theory*: Basic concepts – Waiting line models – Characteristics of single facility - single line model - Traffic intensity, Decision making on queues - Applications.

15 hours

(Theory and Problems may be in the ratio of 30% and 70% respectively)

References:

1. Anderson: Introduction to Management Science – Quantitative Technique for Decision making Thomson.
2. Kautiswarup, P.K. Gupta, Manmohan. *Operations Research*, Sulthan Chand & Sons.
3. SD Sharma, Kedar Notes, Ramnath & G. Meerut. *Operations Research*.
4. VK Kapoor & Sumant Kapoor, *OR Techniques for management*, Sulthan Chand & Sons.

VPMC2C10: STRATEGIC MANAGEMENT AND CORPORATE GOVERNANCE

Instructional Hours: 80 Hours

Total Credits: 04

Weightage : 36

Objectives:

- Impart knowledge of corporate social responsibility and accountability
- to provide the student the knowledge related to management of human resources in business enterprises

Course Outcome:

- ☐ Linking theory and practice; develop an understanding of how to use strategic management tools to initiate and implement problem-solving processes.
- ☐ Identifying management strategies which are appropriate to various scenarios and evaluating alternatives in terms of available relevant criteria.

- ❑ Evaluating and analyzing facts to identify opportunities and threats in the external environment and strengths and weaknesses within the organization (i.e., perform a situation/SWOT analysis).
- ❑ Understanding the importance of ethical principles and organizational values (i.e., organizational culture) within the context of making socially responsible management choices.
- ❑ Understand the problems resulting from the separation of ownership and control and the private and social benefits of good governance.
- ❑ identify issues usually addressed by corporate governance structures
- ❑ Understand the conflicting interests by various stakeholders and identify issues usually addressed by corporate governance structures

Module I :Introduction: Basic concepts of strategy and strategic management – level of strategy – Strategic Management Process – Models of strategic management – Approaches to strategic decision making – vision – mission – objectives – goals – strategic implications of social and ethical issues.

12 hours

Module II: Environmental Analysis – Concept of environment – Micro and macro environment – Environmental Scanning – SWOT analysis – Strategy and Competitive advantage.

12 hours

Module III :Strategic Choice: Generating strategic alternatives – Strategic options at corporate level – Stability, Growth and Defensive Strategies – Strategic Alliance – SBUs – Portfolio models – BCG matrix – Michael Porter's competitive strategies – External growth strategies – Merger, acquisition, joint venture and strategic alliance (with business cases)

24 hours

Module IV: Strategic implementation: Various approaches to implementation of strategy – Planning and allocating resources – Strategic Control.

12 hours

Module V: Corporate Governance and Business ethics – issues and concepts of corporate governance – Corporate governance practices in India – Board composition and audit committee- Powers and limitations of Board – Corporate governance in family business and state owned business – An overview of business ethics – Concept – Nature – relationship between ethics and corporate excellence – CSR, environmental and economic responsibilities of business.

20 hours

References:

1. Krishna Kumar: *Cases in Strategic Management – Managerial Experiences*, Global Business Press(1996).
2. RM Srivastava: *Corporate Strategic Management*, PragatiPrakashan.
3. Azhar Kazmi: *Strategic Management and Business Policy*, Tata McGrawhill Publishers(2010).
4. Stephen Hains: *Strategic Thinking*, Jaico Publishing House(2008)
5. RM Srivastava and DivyaNigan: *Corporate Strategic Management*, Pragati Prakashan(2000).
6. Frank T Paine and Carl R Anderson: *Strategic Management*, The DrydenPress.
7. Charles W.L.Hill, Gareth R. Jones and A Shilling: *Strategic Management*, Cengage Learning(2013).
8. Christine A.Mallin: *Corporate Governance*, Oxford University Press(2007).
9. A.C. Fernando: *Business Ethics and Corporate Governance*, Pearson Education(2012).
10. Das: *Corporate Governance in India*, Prentice Hall of India(2008).
11. A.C. Fernando: *Corporate Governance – Principles, policies and practices*, Pearson Education(2009).
12. UC Mathur: *Corporate Governance and Business Ethics: Text and Cases*, Mcmillan India ltd(2005).

SEMESTER III

VPMC3C11: FINANCIAL MARKETS AND INSTITUTIONS

Instructional Hours:80Hours

TotalCredits:04

Weightage :36

Objectives:

- To provide the students a sound information and knowledge of broad framework of financial markets and institutions.
- To impart the students an understanding of the inter-linkages and regulatory framework within which the system operates in India

Course Outcome

- ☐ Knowledge about financial markets & institutions and how they operate.
- ☐ Ability to list the types of financial assets available and discuss briefly the principles which guide their selection as part of a portfolio of assets.

- Ability to understand the determinants and the role of interest rate.
- Increased knowledge of the working of capital and money market thereby leading to more savings and investment.

Module I: *An overview of financial markets*: Financial markets – Nature – Functions – money market – Capital markets – Markets for derivatives – Working of stock exchange in India – NSE, BSE, OTCEI – Role of SEBI – Major international stock markets. **15hours**

Module II: *Interest rates* :Theories of Interest rate - determination - Maturity and structure of interest rates - Term structure of interest rates - Financial repression and interest rate - The yield curve - interest rates savings - Interest rate and investment - issues of relative rates and return.

15hours

Module III: *Commodity markets* : MCX, NCDEX, and NMCE – Functions, administration, regulations and general mechanism – International commodity markets – Debt market – Types, functions, instruments – Operational mechanism – Hindrances for the development of debt market. **15hours**

Module IV: *Development financial institutions*: IDBI, IFCI, NABARD, SFCs, UTI, SIDBI – Mutual Fund SEBI guidelines on mutual fund – Provident Fund – Pension Funds – PFRDA – Insurance Companies – IRDA.

15hours

Module V: *Foreign capital flows*: forms of foreign capital – FDI and FPI – FIIs – International financial instruments – ADR, GDR, IDR and Euro bonds – Role of foreign capital in Indian financial system – Trends in foreign capital inflows to India – Regulatory framework for foreign capital flows. **20 hours**

References:

1. LM Bhole and Jitendra Mahakud: *Financial Institutions and markets*, Tata Mc Grawhill Publishers,(2009).
2. Shshi K Gupta: Nisha Agarwal and Neeti Gupta, *Financial Markets And*

Institutions, Kalyani Publishers, (2013)

3. S Sachdeva: *Indian Financial System*, Educational Publishers,(2005).
4. MY Khan: *Financial Services*, Tata McGrawhill publishers(2004)
5. Keith Pilbeam: *Finance and Financial Markets*, Palgrave Macmillan(2005).
6. Gordon and Nataraj: *Financial Markets and Services*, Himalaya PublishingHouse.
7. Bharati V Pathak: *The Indian Financial System: Markets, Institutions and Services*, Dorling Kindersley India (pvt) ltd(2009).
8. Clifford Gomez: *Financial Markets, Institutions and Financial services*, Prentice-Hall of India(2008).

VPMC3C12: INCOME TAX LAW AND PRACTICE

Instructional Hours:80Hours

TotalCredits:04

Weightage :36

Objectives:

- To enable students to understand computation of taxable income of various entities and procedure of assessment.
- To impart practical knowledge on filing of returns.

Course Outcomes:

- Students will be able to solve their own tax payment calculation easily
- Students will be capable of advising tax saving methods by applying the different loopholes within the law, which will be the main demand by the companies

Module I: Computation of Taxable Income: An overview of different heads of income – Clubbing of incomes and aggregation of income – Set off and carry forward of losses – Incomes exempt from taxes – Deductions in computing total income – Rebates and reliefs of tax.

20 hours

Module II: Assessment of various entities:

i. Assessment of agricultural Income – Computation of Agricultural Income – Calculation of tax on integration.

ii. Assessment of individuals – Treatment of income received from various institutions – Applicability of Alternate Minimum Tax (AMT) – Computation of Taxable Income and Tax Liability.

iii. Assessment of Hindu Undivided Family (HUF) – Computation of Total Income and Tax

Liability of HUF.

20 hours

Module III:

– *Assessment of firms* (Including Limited Liability Partnership – LLP): Computation of book profit-Remuneration to partners – Computation of Total Income and Tax Liability –

Applicability of Alternate Minimum Tax on firms.

i. *Assessment of AOP/BOI* – Computation of Total Income and Tax liability of AOP/BOI – Application of Alternate Minimum Tax on AOP/BOI

ii. Assessment of Co-operative societies and trusts – Deductions under 80P – Other deductions – Computation of trusts – Definition – Creation – Types of trusts – Tax exemptions – Accumulation of income – Assessment of trusts.

20 hours

Module IV: *Income Tax Authorities*: Powers and functions – Provisions of advance payment of tax Tax payment – Deduction and collection of tax at source – Recovery of tax – Computer applications in tax management.

10 hours

Module V: *Procedure for assessment of Income Tax*: Filing of return of Income – Voluntary return of income – Statutory obligations for filing of return – Time and documents for filing of returns – Return of loss – Belated returns – Revised returns – Defective returns – PAN – Different types of assessment – Self assessment – Assessment on the basis of return – Best judgment assessment – Regular assessment – Reassessment – Protective assessment.

10 hours

(40% theory and 60% problems)

References:

1. Lal B.B., *Income Tax*, Pearson, Dorling Kindersley (India) Publication, Latest Edition,
2. Dr. Mehrotra H.C. and Dr. Goyal S.P., *Income Tax Law and Practice* Sahitya Bhavan Publications –latest
3. Ahuja G.K. & Gupta Ravi, *Systematic Approach to Income Tax*, Bharat Law House, Latest Edition.
4. Sampat Ayengar A.C., *Law of Income Tax*, Bharat Law House, Latest Edition.
5. Singhania V.K., *Income Taxes: Law and Practice*, Taxman, Latest Edition.

VPMC3C13: RESEARCH METHODOLOGY

Instructional Hours:80Hours

TotalCredits:04

Weightage :36

Objectives:

- To acquaint students with process and methodology of research
- To enable students to identify research problems, collect and analyse data and present results.

Course outcome, Students will be able to

- Identify and explain the difference between quantitative, qualitative, and mixed methods research and what types of research questions can be answered with each method
- Use theory and previous research to create research questions and hypotheses and to identify and analyze the appropriate method and variables needed for research questions for developing solutions for practical issues

Module I: *Research: Basic concepts* - Meaning – Objectives – Types – Approaches – Significance of research in social sciences – Process of research – Formulating problem – Literature Survey – Hypothesis – Research Design – Types, Exploratory, Descriptive, Diagnostic, Experimental

15 hours

Module II: *Population Survey and Sample Study*: Population & Sample – Techniques of sampling -Random and Non random techniques – Sample Size – Determination of sample size – Sampling Errors – Non sampling Errors – Factors influencing sample size – Optimum sample size – Case Study – Pilot Survey.

20 hours

Module III: *Data collection*: collection of Primary Data – Methods of Data Collection, Observation -Case Study - Field Survey – Questionnaire - Interview Schedule – Preparation of Questionnaire –Process of Interviewing – Collection of secondary data – Sources of secondary data.

10 hours

Module IV: *Measurement and Scaling* : Variables – Attributes – Process of measurement – Attitude Measurement – Scaling - Scaling Techniques – Graphic Rating – Likert – Thurstone – Semantic Differential – Stapel – Dichotomous – Scales – Types of Scales – Scale Values – Validity and Reliability of Scales – Errors in measurement.

20 hours

Module V: *Data Processing and Presentation* : Field Work – Editing – Classification –Coding – Tabulation – Summarization – Analysis of data — Introduction to Univariate, Bivariate and Multivariable methods-Tools of Analysis–Descriptive Analysis–Inferential analysis–

Interpretation – Presentation – Report Writing - Types of Reports – Contents of Reports –
Format of Reports – Documentation Styles.

15 hours

References:

1. Tandon BC, *Research Methodology in Social Sciences*, Chaithanya Publishing House
2. Whitney FL, *Elements of Research*, Prentice Hall of India
3. Ferber R, *Research Methods in Economics and Business*, Macmillan
4. Deming W Edwards, *Sample Design in Business Research*, John Wiley
5. Bailey Kenneth D, *Method of Social Research*, Macmillan
6. Krishna Swamy, *Methodology of Research in Social Science*, Prentice Hall of India.
7. Achalapathi KC, *Readings in Research Methodology in Commerce and Business Management*, Himalaya Publishing House.

SEMESTER III

Elective: Finance

VPMC3EF01 FINANCIAL MANAGEMENT

Instructional Hours: 80 Hours

Total Credits: 04

Weightage : 36

Objectives

- To acquaint the students with the basic analytical techniques and methods of financial management of business organization.
- To provide the students the exposure to certain advanced analytical techniques that are used for taking financial policy decisions.

Course Outcomes:

1. Demonstrate basic finance management knowledge.
2. Apply the concepts of financial management to contemporary financial events.
3. Demonstrate the time value of money concepts.
4. Use DCF and other valuation techniques to value projects and firms; perform risk analysis.
5. Calculate the cost of debt, cost of equity and the weighted average cost of capital.

Module 1: Foundation of Finance: Goals of Finance and Functions of finance-Financial,
Investment and Dividend Functions – Risk and Return– Time value of Money: Present value of

single amount, annuity, and perpetuity -Compounded value of Money-Future value of single amount, annuity.

16 hours

Module II: Cost of capital and capital budgeting: Cost of capital: concepts and methods of computation - capital budgeting techniques and their application- capital budgeting decisions under inflations – capital budgeting decisions under risk and uncertainty and their evaluation using statistical decision theory.

12 hours

Module III: Capital Structure: Leverage Analysis – Operating, Financial & Combined leverage – EBIT – EPS Analysis – Financial Breakeven – Indifference Point – Capital Structure Theories – Optimum capital Structure – NI approach, NOI approach, Traditional approach & Modigliani Miller approach – Arbitrage process – Determinants of Capital Structure.

16 hours

Module IV: Dividend policy : Mechanics and practices of dividend payment – factors affecting dividend policy – legal framework of payment of dividend – dividend theories – determinants of dividend policy and some case studies.

12 hours

Module V :Working Capital Management: Working Capital – meaning – concept and cycle – Working capital management strategy – Estimation of working capital – Mathematical and simulation models of working capital decisions – Management of cash and marketable securities – Cash management techniques – Lock box system, Concentration banking – Methods of Inventories – Techniques of inventory management – Management of receivables – Techniques of receivable management.

24 hours

(Theory 50%, Problems

50%) References:

1. Soloman, Ezra, *Theory of Financial Management*, Columbia Press
2. James C Van Horne. *Financial Management and Policy* Prentice Hall of India
3. Weston, J. Fred and Brigham, Eugene F. *Managerial Finance*, Dryden Press (Latest Edition)
4. Prasanna Chandra. *Financial Management*, Tata McGraw Hill (Latest Edition)
5. Khan, M.Y. and P.K. Jain. *Financial Manager*, Tata McGraw Hill (Latest Edition).

6. Pandey, I.M. *Financial Management*, Tata McGraw Hill (Latest Edition)

7. Ravi M. Kishore. *Financial Management*, Taxmann (Latest Edition)

8. Damodaran, A. *"Corporate Finance : Theory and Practice"*. John Wiley & Sons

Journals: Finance India, Applied Finance, ICFA Journal of Finance Journal of Financial Economics Chartered Financial Analyst, Financial Dailies: Economic Times, Business Line etc.

Elective: Finance

VPMC3EF02: SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT

Instructional Hours: 80 Hours

Total Credits: 04

Weightage : 36

Objectives:

- To establish a conceptual framework for the study of security analysis and portfolio management.
- To provide the students the ability to understand and utilize the skill of optimizing returns.

Course Outcomes:

- To introduce you to the world of Security Valuation and Portfolio Management.
- To enrich your understanding of the fundamental principles of security valuation, portfolio construction and performance evaluation of fund managers.
- To equip you with the knowledge and skills necessary to manage equity portfolios.
- To help you improve analytical and computational skills necessary to face the challenges in the world of Security Valuation and Portfolio Management.

Module I: Investments: Meaning and concept – Investment objectives – various asset classes – factors in investment decisions- Investment process – concept of risk and return – sources of risk – Measurement of risk and return – Diversification and hedging – ethical investing.

13 hours

Module II: Bond Investment analysis: Types of bonds – International bonds – Bond yields – Yield to Maturity (YTM) – risk analysis in bonds – Bond value theorem – Bond immunization strategies.

15 hours

Module III: Equity Analysis: Approaches to equity analysis – Fundamental analysis – Economy, Industry and Company (EIC) analysis – Equity valuation models – Dividend Discount Models (DDM) and Price Earnings Ratio (PER) models – Technical analysis – Dow theory – Chart and Chart Patterns – Market and Mathematical Indicators – Efficient Market

Hypothesis (EMH) and Random Walk theory – Tests of market efficiency – Critique of Investor rationality – Behavioural Finance.

20 hours

Module IV: *Portfolio analysis and selection*: Risk return analysis of investment portfolio – Individual and Interactive risks – measurement of portfolio risks – Risks tolerance and asset allocation – optimal portfolio – portfolio selection models- Markowitz model – Sharpe single index model – Capital Asset Pricing Model (CAPM) – Capital Market Line (CML) and Security Market Line (SML) – Market anomalies : calendar effect, size effect and market overreaction – Arbitrage Pricing Theory (APT) – Multifactor asset pricing Models.

20 hours

Module V: *Portfolio Management*: Active and Passive investment strategies – Value and growth investing, contrarian strategies – index investing and tracking efficiency, Portfolio evaluation- Sharpe, Treynor and Jensen measures, Fama's Decomposition Index – Portfolio revision.

12 hours

(Theory 60%, Problems 40%)

References:

1. Bhalla, V.K. *Investment Management*, S. Chand & Company Ltd.
2. S. Kevin, *Security Analysis and Portfolio Management*, PHI Learning
3. Chandra, P. *Security Analysis and Portfolio Management*, Tata McGraw Hill.
4. Fischer, Donald E. and Ronald J. Jordan, *Security Analysis and Portfolio Management*, PHI Learning.
5. Preeti Singh, *Investment Management*, Himalaya Publishers
6. V.A. Avadhani, *Security Analysis and Portfolio Management*, Himalaya Publishers.
7. Sharpe William, F. and Bailey Jeffery V. Alexander Gordon, J. *Investments*, PHI Learning.
8. Vishwanath, R and Krishna Murthi, C., *Investment Management*, Springer.
9. Stephen Ross and R. Westerfield, *Corporate Finance*, McGraw-Hill.

SEMESTER IV

VPMC4C14: FINANCIAL DERIVATIVES AND RISK MANAGEMENT

Instructional Hours: 80 Hours

Total Credits: 04

Weightage : 36

Course Objectives:

- To provide students with an introduction to financial derivatives
- To make the students efficient in the area of derivatives, by giving them the knowledge of basics in options, futures, swaps etc.

Course Outcome:

- Students will be able to understand how financial derivatives are valued and acquire basic skills required for pricing financial derivatives.

Module 1: Introduction to risk management – Meaning and need – importance – Types of market risk – Risk management issues in business – Financial derivatives – Meaning – Need – Growth of financial derivatives markets in India – Derivative markets – Exchange traded financial derivatives for risk management in India – Participants – Functions – Types of risk management instruments – Forwards – Futures – Options – Swaps – The regulatory framework of derivative trading in India.

16 hours

Module 2: Future's growth and development- Difference between forwards and futures - financial future - Future trading – currency futures – Interest rate futures Pricing and valuation – of future contracts – Value at risk-Hedging risk – Hedging with stock index future – types of members and margin system in India-Future trading in stock exchange for risk management.

20 hours

Module 3: Options – meaning – needs and importance-options and futures fundamental option strategies-type of option-put-call-trading strategies of risk instruments-positions in options-stock indices-options in Indian stock market.

16 hours

Module 4: Risk pricing of options - intrinsic value and time value - pricing at the expiry of contract- factors affecting option pricing – put – call parity pricing - models of pricing - binomial option - pricing models - Black Schole's pricing methods.

16 hours

Module 5: Swaps-meaning and definition-development-structure of swap dealing for risk management-interest rate swaps-forward swaps and swap option contracts cancellable and extendable swaps-no generic swaps transactions. Currency swaps - Valuation and pricing of swaps - risk management function of swap transaction

12 hours

(Only theory, No problemsexpected)

References:

1. Kevin Dowd-*Measuring Market risk*, second edition.

2. John C Hull-*Options futures and other derivatives*, seventh edition.
3. Jayanth Rama Varma, *Derivatives and Risk Management*, TMH, Latest Edition.
4. Mishra, *Financial Derivatives*, Excel publishers, Latest Edition.
5. SL. Gupta, *Financial Derivatives: Theory, concepts and problems*, Prentice Hall of India, Latest edition.
6. SS Kumar, *Financial Derivatives*, Prentice Hall of India, Latest Edition.

VPMC4C15: COST MANAGEMENT

Instructional Hours:80Hours

TotalCredits:04

Weightage :36

Objectives:

- To provide students with the adequate knowledge of modern cost management techniques.
- Enable the students to apply these techniques for making strategic decisions in managing profitable and competitive enterprises.

Course Outcome

Upon successful completion of the course, a student will be able to:

- Replace the traditional system of apportioning and allocating cost to ABC that is a recent development in the field of cost accounting.
- Determine the cost of each process where product passes from different stages of manufacturing to get its finished form and also to determine inter- process profit and valuation of work in progress.
- Ascertain the share of joint product and by-product in joint cost. Distinguish whether a joint product should be sold at the split-off point or processed further, and explain how allocation of joint costs to joint products leads to better product and service pricing decisions.
- Adapting service costing principles and techniques for recording cost data and facilitating cost control in service industries.
- Analyze the standard cost and actual cost to determine the variance. If there is inefficiency in the organization how it can be controlled or minimized. Identify the critical role of cost allocation in the analysis of customer profitability and sales variances.

Module I: Cost Management – Nature – Cost management system – Strategic cost management (SCM) – Components of SCM – Cost concepts in decision making. Activity Based Costing

(ABC) – Need for emergence of ABC – Concept of ABC –Kaplan and Cooper's approach to ABC-Cost drivers and cost pools –Characteristics of ABC-Allocation of overheads under ABC-Steps in ABC system- Implementation of ABC and its benefits

15 hours

Module II: *Modern cost management* concepts–Kaizen costing–concepts–procedures–evaluation– benefits–target costing– nature– methods–steps-life cycle costing-phases-features-stages and importance-Product Life Cycle costing and cost control.

15 hours

Module III: *Emerging Costing Approaches*: Measuring productivity – Productivity index - Advantages of Higher productivity - Causes of low productivity – Business Process Reengineering - Concept-Importance - Issues in BPR-Just InTime (JIT) -Objectives – Features - Implementation and benefits of JIT - Value Chain Analysis - Internal linkages - Supplier linkages - role of value chain in decisionanalysis.

15 hours

Module IV: *Costing in service sector and process costing* : Classification and collection of costs in operating costing - Transport costing-Boiler house costing-Power house costing - Hospital costing – Canteen costing – Cinema theatre costing-Hotel costing - Process costing - process losses and gains valuation of work in progress (equivalent production) – Inter – process profits.

20hours

Module V: *Standard costing and variance analysis*: Types of standard-setting standards – advantages – variance analysis – importance – material, labour, overhead, sales and profit variance – interpretation of variance - control and efficiency ratios – investigation of variances – techniques of interpretation of variances.

15 hours

(40% theory and 60% problems)

References:

1. Catherine Stenzel& Joe Stenzel, *Essential of Cost Management*, John Wiley and sons, LatestEdition.
2. Roman I wiel& Michael W mahr*Hand book of Cost Management*, John Wiley and Sons, LatestEdition.
3. Lianabel Oliver, *The cost management tool box*. AMA Publication, LatestEdition.
4. John K. Shank & Vijay Govindarajan, *Strategic Cost management: Thenew*

tool for competitive advantage, The free press, Latest Edition.

5. K.P.Gupta, *Cost Management: Measuring, monitoring and motivating performance*, Global India Publications, Latest Edition

Elective: Finance

VPMC4EF03: STRATEGIC FINANCIAL MANAGEMENT

Instructional Hours:80Hours

TotalCredits:04

Weightage :36

Objective

- To build an understanding among students about the concepts, vital tools and techniques used for financial decision making by a business firm
- To make students to be able to analyse financial data and provide a decision on a course of action that is in the best interest of firm shareholders and be able to analyse and account for risk in the decision making process.

Course Outcomes:

On completion of the requirements for this course, students will be able to:

1. Evaluate alternative financing options.
2. Analyze Mergers and Acquisitions

Module I: Financial goals and strategy : Shareholder value creation (SCV) – Market Value Added (MVA) – Market – to – Book Value (M.BV) – Economic Value Added (EVA) – managerial implications of shareholder value creation – Growth ratios – Internal Growth Rate (IGR) – Sustainable Growth Rate (SGR)

12 hours

Module II: Financial strategy for capital structure: Leverage effect and shareholders risk – Capital structure planning and policy – Financial options and the value of the firm – Dividend policy and the value of the firm.

20 hours

Module III: Lease Financial strategy: Leasing concept – Types – Cash flow consequences of lease – Financial evaluation of leasing - Lessee's point of view – leasing versus buying – NPV method – Equivalent loan method – Evaluation from lessor's point of view – NPV and IRR methods.

16 hours

Module IV: Merger strategy : Theories of Merger – Horizontal, vertical and conglomerate mergers-Merger procedure – Valuation of firm – Financial impact of merger – Merger and dilution effect on EPS – Merger and dilution effect on business control.

16 hours

Module V: Take over strategy : Types of takeovers – Negotiated and hostile bids – Take over procedures – Takeover defenses – Takeover regulations of SEBI – Distress restructuring strategy – Sell offs – Spin offs – Leveraged buyouts

16 hours

(Theory 50% problem 50%) References:

1. Vanhorne, James C: *Financial Management and policy*, Pearson, New Delhi, (Latest edition)
2. Brigham and Ehrhardt: *Financial Management*, Thomson India, (Latest edition)
3. Chandra, Prasanna: *Financial Management*, Tata McGraw Hill, New Delhi, (Latest edition)
4. Khan, MY and James PK: *Financial Management*, Tata McGraw Hill New Delhi, (Latest edition)
5. Pandey IM: *Financial Management*, Vikas Publishing House, New Delhi, (Latest edition)
6. Gitman, LJ: *Principles of Managerial Finance*, Harper and Row (Latest edition)
7. Hampton: *Financial decision making, Concepts, problems and cases*, Prentice Hall of India, New Delhi (Latest edition)
8. Brealey and Meyers: *Principles of Corporate Finance*, Tata McGraw Hill, New Delhi

Elective: Finance

VPMC4EF04: TAX PLANNING AND MANAGEMENT

Instructional 80 Hours

Credits: 04

Weightage : 36

Objectives:

- To acquaint the students with theoretical and practical knowledge of tax planning and management techniques.
- To familiarize the students with major and latest provisions of the India tax laws and related judicial pronouncements pertaining to various assesses with a view to derive maximum possible tax benefits admissible under the law.

Course outcome

- Students will get working knowledge regarding legitimate way of tax planning under different financial/ managerial decisions after taking into consideration the impact of Direct Tax Laws.

Module I: Introduction to tax planning and management: Concept of tax planning and management – Tax evasions and tax avoidance-Need and significance of tax planning and management-Tax Planning in respect of residential status.

10 hours

Module II: Assessment of companies: Residential status and incidence of tax-Special Provisions applicable to assessment of total income of companies-Deductions available to corporate assesses – Computation of taxable income of companies and determination of corporate tax liability – Minimum Alternate Tax- Tax on distributed profit of domestic companies- Tax on income distributed to unit holders-Security Transaction Tax – TonnageTax.

25 hours

Module III: Tax Planning: Individuals – Tax Planning with reference to all five heads of income for individuals – Salary, House Property, Profit from business and profession, Capital Gains and Income from other sources – Tax planning with respect to deductions, exemptions, Rebate, Relief, Concession and incentives (Problems focused on tax planning).

20 hours

Module IV: Tax planning and managerial decisions: Tax planning in respect of make or buy, own or lease, repair or replace, export or domestic sales, shut down or continue, expand or contract, amalgamate or demerger, invest or disinvest-Financial Management decisions, Capital Structure, dividend policy and bonus shares.

15 hours

Module V: Tax planning under various circumstances: Tax planning while setting up of a business- with reference to location, nature and form of organizations-Tax planning related to Special Economic Zones (SEZ), Export Processing Zones (EPZ) and Export Oriented Units (EOUs) – Infrastructure sector and background areas –Tax incentives for exporters.

10 hours

(50% theory and 50% problem)

References:

1. VK Singhania, *Direct Tax's Planning and Management*, Taxman, Latest Edition.
2. VS Sundaram, *Commentaries on the Law of Income Tax in India*, Pearson Law Publishers, Latest Edition.

3. AC SampatAyengar, *Law of Income Tax*, Bharat Law House, LatestEdition.
4. Bhagmati Prasad, *Direct Taxes Laws Practice*, WishwaPrakashan, LatestEdition.
5. Kaushal Kumar Agarwal, *Direct Tax Planning and Management*, Atlantic Publishers, LatestEdition.
