

ST. JOSEPH'S COLLEGE OF COMMERCE

(Autonomous)

163, Brigade Road, Bengaluru – 560 025

Accredited with 'A++' Grade (4th Cycle) by the National
Assessment and Accreditation Council (NAAC)

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



Master of Commerce (Financial Analysis)

Semester III & IV

Academic year 2024 – 2025

(until batch 2023-2025)

St. Joseph's College of Commerce
(Autonomous)
Affiliated to Bengaluru City University

St. Joseph's College of Commerce (SJCC) was formerly a part of St. Joseph's College, established in the year 1882. The Commerce Department was established in the year 1949 and it became an independent college with its own building in Brigade Road in the year 1972.

The college has in its Vision a model for higher education which encourages individuals to dream of a socially just world and in its Mission a strategy to empower individuals in realizing that dream.

With an objective of imparting quality education in the field of Commerce and Management the college has been innovating in all aspects of higher education over a long period of time. These innovations were further bolstered with the granting of autonomous status to the college by UGC in September 2005. From then on, the college has taken a lead in reforming curriculum and syllabus, examination and evaluation pattern and teaching and learning methods through the Board of Studies, the Academic Council and the Governing Council comprising of eminent academicians, industry representatives and notable alumni.

The college has undergone four cycles of NAAC accreditation starting from the year 2000 in which it secured 'five stars', next in the year 2007 an 'A' grade, in the year 2012 again an 'A' grade and recently in February 2021 an 'A++'. It is one of the very few institutions in the country to have secured A++ grade in the fourth cycle under the Revised Accreditation Framework (RAF) and the first college in Karnataka to do so. The college was declared as a 'College with Potential for Excellence' in the

year 2010. In 2011 SJCC was recognized as a Research Centre by Bangalore University. The college has been ranked consistently among the top 100 colleges by NIRF ratings of the Ministry of Education, Government of India.

OBJECTIVES 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.

SAILENT FEATURES OF THE PROGRAM

1. The programme enables a student to develop not only in academics but also in value added programme and extension activities through embedding these pillars in the system.
2. The programme has inbuilt provisions to learn a skill-based paper based on their specializations.

3. Relative importance of courses of study and activities are quantified in terms of credits.
4. Focus on preparing students for financial analysis, research orientation, investment and risk management, financial management including derivatives, hedge funds and debt funds.
5. Optionally, specialization is available in Finance, Human Resource, Business Administration, Marketing Management and Data Science with PGD.
6. Inputs from industry experts are a crucial part of the programme. They facilitate access to applied knowledge.
7. Students will have compulsory paper presentation in State Level and National Level Seminars/Conferences, Corporate Internships, Teaching Practice and Dissertation.
8. Regular sessions on Econometrics, SPSS/Statistical packages, Quantitative Techniques and Logical Reasoning, Case study analysis, Analysis of Current Business and Economics, Managerial Communication as part of curriculum for students' professional and personal development.
9. The programme offers more flexibility to the students allowing them to choose inter-disciplinary courses along with major courses which make education broader based.
10. M.com degree serves as the basis for further higher studies/ taking up of professional certifications and research in the fields such as PhD/ M.Phil./ other related degree in Commerce.
11. Inbuilt provision for on-the-job training for those who intend to pursue a career in teaching and other

sectors through teaching practice and compulsory corporate internship.

12. Choice Based Credit System is adopted for the M.Com programme with Cumulative Grade Point Average for Evaluation.
13. Engagement in programme of social concerns, psychometric tests, art therapy, counselling sessions, presentation skills and personality grooming.,
14. Compulsory rural exposure program as part of extension activities in addition to participating in social welfare Programs.
15. Compulsory Industrial Visits are also organized as part of the curriculum.
16. On the Job Training for a semester is part of the Curriculum.

I. ELIGIBILITY FOR ADMISSION:

Admission Requirement and Admission test:

Candidates who have passed B.Com or BBM/ BBA of any recognized university and have secured at least 50% of mark in the aggregate of all core papers/courses studied in the qualifying examinations are eligible for admission into this programme.

Admission will be based on an entrance test/subject Knowledge interview conducted by the college. Marks scored at the test/qualifying interview 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 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 courses compulsorily.

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 PROGRAMME MATRIX, PROGRAMME STRUCTURE AND SEMESTER SCHEME OF EXAMINATION:

Refer pages 7 to 11

V. TEACHING AND EVALUATION:

M.Com/MBA/MFA/MBS/Ph.D/NET qualified graduates with B.Com/BBA/BBS as basic degree from a recognized university are only eligible to teach and evaluate the courses.

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 course. The minimum SGPA to qualify for the M.Com degree is 5.00 and a pass in all courses.

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:

Credits – Credits are assigned to courses based on the following broad classification

| Course Category | Instruction hours/week | Credits |
|-------------------------------|-------------------------------|----------------|
| Major Core | 4 hours | 4 |
| Allied Required/Open Elective | 3 hours | 3 |
| Allied Optional | 3 hours | 3 |
| Graded courses | 2hours | 1 |

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

The semester grade point average (SGPA) - is the sum of the product of the credits with the grade points scored in all courses 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 course or is absent then the SGPA is not assigned.

The cumulative grade point average (CGPA)- is the weighted average of all the courses 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/ Course 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 |
| Below 5 | 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 |

X. Semester Corporate Internship:

The progression of the corporate internship of a duration of one semester is supervised and evaluated at two levels i.e., by an internal guide allocated by the college and external mentor allocated by the organization. Continuous monitoring of the student progression at the organization in different ways will be taken up by the department during the semester.

Each student 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"> • Corporate Tax Planning & Law • 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"> • Company Legislation & Compliance • Cost Management • Business Ethics and Corporate Governance • Business 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)/Business Valuation Using Excel | |
| Semester Corporate Internship | - | - | - | 12 Cr | |
| TOTAL | 21 Cr | 25 Cr | 28 Cr | 16 Cr | 90 |
| II SKILL ORIENTED / VALUE ADDED PROGRAMMES | | | | | |
| Quantitative technique and logical reasoning | 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(Outreach Program) | | 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 III & IV Semesters) SEMESTER
SCHEME OF EXAMINATION
CORE COURSES
SEMESTER – III**

| Course Code | Title of the Paper | Hours per week | Marks | | Total Marks | Credits |
|--------------|--|----------------|------------|------------|-------------|-----------|
| | | | CIA | ESE | | |
| P522MC301 | Company Legislation & Compliance | 4 | 30 | 70 | 100 | 4 |
| P524MC302 | Cost Management | 4 | 30 | 70 | 100 | 4 |
| P516MC303 | Business Ethics and Corporate Governance | 4 | 30 | 70 | 100 | 4 |
| P517MC304 | Business Valuation | 4 | 30 | 70 | 100 | 4 |
| P524MC305 | Mergers and Acquisitions | 4 | 30 | 70 | 100 | 4 |
| P517FA301 | Project Appraisal and Finance | 4 | 30 | 70 | 100 | 4 |
| P521SB302 | Financial Modeling | 4 | 30 | 70 | 100 | 4 |
| Total | | 28 | 210 | 490 | 700 | 28 |

SEMESTER – IV

| Course Code | Title of the Paper | Hours per week | Marks | | Total Marks | Credits |
|--------------|--|----------------|-----------|------------|-------------|-----------|
| | | | CI A | ESE | | |
| P515SB401/ | SAP(FICO)/Business valuation using Excel | 4 | 30 | 70 | 100 | 4 |
| P524SB402 | Semester Corporate Internship | 12 | 30 | 70 | 300 | 12 |
| TOTAL | | 16 | 60 | 140 | 400 | 16 |

**M.COM (FINANCIAL ANALYSIS) PROGRAMME
STRUCTURE (for III & IV Semesters) SEMESTER
SCHEME OF EXAMINATION
GRADED COURSES (VALUE ADDED COURSE)
SEMESTER – III**

| Course Code | Title of the Paper | Hours per week | Marks | | Total Marks | Credits |
|----------------|--------------------------------|----------------|--------------|-----|-------------|----------|
| | | | CI A | ESE | | |
| P521ECO301 | Econometrics | 2 | GRADE POINTS | | | 1 |
| P524MCE 301 | Managerial Communication II | 2 | | | | 1 |
| TOTAL | | 4 | - | - | - | 2 |

SEMESTER – IV

| Course Code | Title of the Paper | Hours per week | Marks | | Total Marks | Credits |
|--------------|---|----------------|--------------|-----|-------------|----------|
| | | | CI A | ESE | | |
| PG24EA401 | Extension Activity(Outreach Program II) | - | GRADE POINTS | | | 1 |
| TOTAL | | - | - | - | - | 1 |

M.Com (Financial Analysis)

PROGRAMME EDUCATIONAL OBJECTIVES

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

1. Attain higher levels of proficiency for a successful career in commerce, the industry and entrepreneurship with adequate theoretical knowledge about the core and domain disciplines.
2. Demonstrate requisite competency to pursue higher studies, research, life-long learning for continuous growth and development in the chosen profession.
3. Adapt to a rapidly changing environment with newly learnt and applied skills, become socially responsible and value driven citizens, committed to sustainable development.

PROGRAMME OUTCOMES

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

PO1: Disciplinary and Inter - disciplinary Knowledge

Demonstrate the understanding of relevant business, management and organization knowledge, both academic and professional, in line with industry standards.

PO2: Decision making competency

Apply underlying concepts, principles, and techniques of analysis, both within and outside the discipline to generate all the possible solutions and picks one that shows their understanding of the problem and the outcomes.

PO3: Integrated problem-solving and Research

Analyze how parts of a whole interact with each other to produce overall outcomes in complex systems by analyzing key managerial issues in a particular industry or company and propose appropriate managerial solutions to the situation

PO4 Critical thinking competency

Evaluate evidence, arguments, claims and beliefs by using right type of reasoning as appropriate to the situation and Analyze how parts of a whole interact with each other to produce overall outcomes in complex systems

PO5 Creative thinking competency

Develops, implements and communicates new and worthwhile ideas using both incremental and radical concepts to make a real and useful contribution to their work

PO6: Usage of Modern Technology and Tools

Use tools and technologies of digital nature, communication/networking tools and social networks appropriately to access, manage, integrate, evaluate and create information to successfully function in a knowledge economy

PO7 Leadership and team work

Develop a vision, translate that vision into shared goals, and effectively work with others to achieve these goals.

PO8 Ethical Conduct & Sustainability Practices

Act responsibly and sustainably at local, national, and global levels

PO9 Collaboration & Networking Competencies

Work collaboratively and respectfully as members and leaders of diverse teams.

PO10 Self-directed and Life – Long learning

Establish goals and monitor progress toward them by developing an awareness of the personal, environmental and task-specific factors that affect attainment of the goals.

PROGRAM SPECIFIC OUTCOMES

PSO11: Financial Analytics as a Decision tool

Justify decision making of a selected financial situation with appropriate financial analytics.

PSO12 Cross-Disciplinary Integration and Strategic Perspective

Create alternative solutions for business issues and develop systems and processes that meet the specified needs of business for appropriate consideration for social, cultural, economic and environmental issues and challenges.

P522MC301: 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- 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- Accounting Standards, 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 |

P524MC302: COST MANAGEMENT

COURSE OBJECTIVE:

The course explores the interplay between stakeholder engagement, environmental laws, and ethical considerations in environmental management. It addresses key topics such as green marketing, ISO 14000-compliant Environmental Impact Assessment, and solid waste management practices aligned with the 3 R's. By examining these aspects, students gain insights into fostering sustainable development and addressing environmental challenges effectively.

Module 1: Cost Concepts & Cost Classification

Basic Concepts – Types of Costing – Methods and Techniques of Costing – Cost Classification based on Behavior (Variable, Semi-Variable, Fixed Costs), Relevance to Decision-Making (Relevant & Irrelevant Costs – Sunk Costs, Opportunity Cost, Differential Costs and Revenues).

Module 2: Marginal Costing & CVP Analysis

Marginal Costing Equation – Break-Even Chart & Profit Volume Chart – Uses of CVP Analysis.

Marginal Costing (Practical Application): Key or Limiting Factor, Optimizing Product Mix, Profit Planning, Make or Buy, Price Fixation, Accept or Reject New Order,

Discontinuance of Product, Diversification of Product Line, and Close Down of Operations.

Relevant Cost Analysis: Types – Incremental Costing and Short-Term Decision-Making.

Module 3: Budgeting and Budgetary Control

Budget Concepts and Budget Preparation – Fixed and Flexible Budgets, Budgetary Control, Preparation of Budgetary Control Statement, Functional & Master Budget – Fixed, Variable, Semi-Variable and Activity-Based Categorizations of Cost and their Application in Projecting Financial Results – Zero Base Budgeting (ZBB).

Module 4: Pricing Decisions & Strategies

Relation of Cost and Prices – Mechanism (methods or policies) of Price Fixation – Pricing Strategies – Market Entry, Discount, Differential, Geographical, Shadow Pricing, Export Pricing, Transfer Pricing.

Module 5: Contemporary Cost Concepts & Techniques – I

Activity-Based Costing (ABC) System – Target Costing – Life Cycle Costing – Responsibility Accounting.

Module 6: Contemporary Cost Concepts & Techniques – II

Cost of Quality – Total Quality Management (TQM) – Divisional Performance Measurement: Financial (ROI, RI, EPS and NPV) and Non-Financial Performance Measurement –

Kaizen Costing – Balance Score Card.

SKILL DEVELOPMENT: (Indicative list)

The students will gain -

1. Expertise in engaging stakeholders for sustainable development.
2. Proficiency in understanding and adhering to environmental laws, especially in green marketing.
3. Advanced skills in conducting EIAs and implementing sustainable waste management practices.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Illustrate the role of cost manager in developing cost ascertainment systems.
2. Examine the applications and implications of marginal cost statement analysis in the context of product mix, pricing, make or buy decisions.
3. Evaluate the applicability of budgetary control in managerial decision making by using functional, fixed and flexible budgets
4. Compare and contrast the implications of different pricing decisions.
5. Justify the applicability of contemporary cost concepts in accordance with the merit of the case.

BOOKS FOR REFERENCE:

1. Padhuka's, Students' Handbook on Cost and Management Accounting for CA Inter New Syllabus by CA B. Saravana Prasath, Wolters Kluwer, Third Edition, June (latest edition).
2. Arora M. N.: A Text Book of Cost Accountancy, Vikas Publishing Pvt. Ltd.
3. Asish Bhattacharya: Principles and Practice of Cost Accounting, Sultan Chand.
4. Bhabatosh Banerjee: Cost Accounting, World Press.
5. Bhar B. K.: Cost Accounting - Method & Problems, Academic Publishers.
6. Edmonds, Edmonds & Tsay: Fundamental Managerial Accounting Concept, Irwin McGraw Hill.
7. Eldon S. Hendriksen: Accounting Theory, Richard D. Irwin.
8. Horngren, Foster & Datar: Cost Accounting – A Managerial Emphasis, Prentice Hall.
9. Moriarity & Allen: Cost accounting, John Wiley.
10. Most K. S.: Accounting Theory, Holt, Rinehart & Winston.
11. Owler & Brown: Wheldon's Cost Accounting, Macdonald.
12. Prasad N. K. & A. K. Prasad: Cost Accounting, Book Syndicate.
13. Saxena & Vashist: Cost Accounting (Text), Sultan Chand.
14. Saxena V. K. & C. D. Vashist, Advanced Cost & Management Accounting – Problems & Solutions, Sultan Chand.

P516MC303: BUSINESS ETHICS AND CORPORATE GOVERNANCE

COURSE OBJECTIVES:

The students will be able to

1. Identify the contributions of philosophical system, Religion, principle of rights and codes of ethics role in developing an Ethical Decision making Model at personal, Professional, Business and corporate governance level.
2. Examine the implications of Ethical and unethical practices in the context of issues of marketing management.
3. Examine the implications of Ethical and unethical practices in the context of issues of Human Resources Management.
4. Examine the implications of Ethical and unethical practices in the context of issues of Finance and Accounts.
5. Justify the contributions of principles of corporate governance and obligations of the stakeholders towards building governance model for Indian corporates.
6. Evaluate the implications of sustainable development practices and standards on CSR in the practices of CSR in India firms.

Module 1:

Business Ethics an overview: Nature - Need - Importance, Sources of Ethics: Religion, Philosophical System. Ethical Concepts: Values - Moral Standards – Principles of Rights – Justice – Equality- Care – Virtue- Agency – Prisoners Dilemma - Types and codes of ethics. Kantianism - KohlsbergVsUtilitarianism, Individualism Vs Collectivism. Ethical Decision Making Model.

Module 2:

Ethical issues in Marketing Management – Marketing Strategy, Marketing Mix – Pricing and Distribution- Advertising and its Impact. Product Safety - Due Care theory -Contractual theory – Strict Liability Theory.

Module 3:

Ethical issues in Human Resource Management – Nature of employment contracts, Ethical hiring, equality of opportunity, Ethics and Remuneration; Ethics in Retrenchment.

Module 4:

Ethical issues in Finance and Accounts – Importance of Financial Statements, Importance of Transparency in Disclosure, Ethical issues in Mergers and Acquisition, Insider trading, Money Laundering. Banking Ombudsman Scheme. Right to information Act.

Module 5:

Corporate Governance: Meaning– Definition- Significance- Principle of Corporate Governance- Issues- Strategies and Techniques to Sound Corporate Governance- Indian Model. Obligation: investors, employees, customers, Managerial. Legislative Changes, OECD recommendations, Cadbury Committee, Birla Committee.

Module 6:

Corporate Social Responsibility: Definition – importance – Scope – Advantages – Steps- Theoretical Justification for CSR- CSR as a Business strategy for sustainable Development- External

Standards on CSR- Indian perspective- Ethics and CSR of business.
Companies Act (Amendment) 2013 on CSR

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Identify the contributions of philosophical system, Religion, principle of rights and codes of ethics role in developing an Ethical Decision making Model at personal, Professional, Business and corporate governance level.
2. Examine the implications of Ethical and unethical practices in the context of issues of marketing management.
3. Examine the implications of Ethical and unethical practices in the context of issues of Human Resources Management.
4. Examine the implications of Ethical and unethical practices in the context of issues of Finance and Accounts.
5. Justify the contributions of principles of corporate governance and obligations of the stakeholders towards building governance model for Indian corporates.
6. Evaluate the implications of sustainable development practices and standards on CSR in the practices of CSR in India firms.

BOOKS FOR REFERENCE:

1. Ferrell, O.C., Fraedrich, John, and Ferrell, Linda (2008). Business Ethics, Ethical Decision Making & Cases, Seventh Edition. Boston, MA: Prentice Hall. ISBN (10 digits) – 0-618-74934-9.
2. Manuel G. Valasquez, Business Ethics – Concepts and Cases, Pearson Education, 2002.
3. John R. Boatright., & Bibhu Prasan Patra., Ethics and conduct of Business, sixth edition, Pearson, 2011.

4. Parthasarathy S, Rangarajan P, Concepts and realities in Business Ethics, Sadagopan Publishers, 2003.
5. Bhatia SK, Business ethics and managerial values, Deep and Deep Publications, 2001.
6. Banerjee, R P., Ethics in business management, concepts and cases, Himalaya Publishing House, 2001.

P517MC304: BUSINESS VALUATION

COURSE OBJECTIVES:

The students will be able to

1. Relate the approaches of business valuation with the principles of business valuation.
2. Compare and contrast the implications between Asset – based approach and Earnings/Dividend based valuation.
3. Differentiate the implications of Free flow valuation from Adjusted book value approach.
4. Justify the usage of market multiple method and multiple valuation method for shareholders value analysis.
5. Examine the applicability and implications of live case studies of valuation models on Merger and Acquisition.

Module 1:

Conceptual framework for valuation - Meaning of value, valuation and business valuation, principles of valuation, purpose of business valuation, different approaches to business valuation, stake holders of valuation, key areas of valuation: major areas of decision making where valuation plays a key role. Principles of valuation – Principle of substitution, Principle of alternative, Principle of time value of money, Principle of expectation, Principle of risk and return, reasonableness and reconciliation of value. Valuation bias -Process to minimize valuation bias. Uncertainties to business valuation.

Module 2:

Approaches to valuation I - Asset based approach- need, book value, net realizable value, replacement cost, Limitations of asset based valuation Earnings/Dividend based valuation – No Growth in dividends, Constant growth in dividends, stepped up

growth.

Module 3:

Approaches to valuation II - Free cash flow valuation – Estimation of free cash flows, weighted average cost of capital, free cash flow and WACC. Equity cash flows (FCFE) – Concept and computation Adjusted Book Value Approach, Direct Comparison Approach, Discounted Cash Flow (DCF) - Developing an excel based worksheet for DCF computation,

Module 4:

Market multiple method – selection of comparable, EBIDTA and Turnover multiple Contemporary approaches to valuation– Shareholder value analysis, traditional measures of EPS, ROI, EBIT, ROCE ETC. Usage of multiple valuation methods, typical averages/ ratios assigned to each valuation method.

Module 5:

Contemporary Case studies – Indian and International – Application of ‘valuation’ in the context of merger of Vodafone with Idea Cellular Ltd, Valuation model followed for the acquisition of Watsapp by Face book or similar cases.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Relate the approaches of business valuation with the principles of business valuation.
2. Compare and contrast the implications between Asset – based approach and Earnings/Dividend based valuation.
3. Differentiate the implications of Free flow valuation from Adjusted book value approach.
4. Justify the usage of market multiple method and multiple valuation method for shareholders value analysis.
5. Examine the applicability and implications of live case studies

of valuation models on Merger and Acquisition.

BOOKS FOR REFERENCE:

1. Allen: An Introduction to Strategic Financial Management, Kogam Page.
2. Coplaned T (et al): Valuation Measuring & Managers – The Values of Companies, John Wiley.
3. Fred Weston & E.F. Brigham: Managerial Finance, Dryden Press.
4. Jakhotia G.P.: Strategic Financial Manageent, Vikas Publishing House.
5. Mathew P.K.: Corporate restructuring an Indian, Perspective Macmillan
6. Sndarsanam P.S.: The Essence of Mergers & Acquisitions, Prentice Hall of India
7. Ashwath Damodaran: Damodaran on valuations, Wiley Eastern Publication
8. SridarStrategic Financial Management, Shroff Publication
9. Bala & PO attabhiram Strategic Financial Management, Snowbite publication

P524MC305: MERGERS AND ACQUISITIONS

COURSE OBJECTIVE:

Upon completing the course, students will gain a comprehensive understanding of mergers and acquisitions, including the strategic perspectives and approaches to corporate restructuring. They will learn about the merger process, evaluate different types of mergers and acquisitions, and assess their implications within the legal framework. Additionally, students will examine various strategies such as LBOs, MBOs, MLPs, and ESOPs and their applicability in mergers and acquisitions. They will also acquire skills in selecting appropriate valuation methods for takeover bids and devising post-merger integration plans based on the five governing rules of the integration process.

Module 1: Introduction to Merger and Acquisition

Meaning of mergers and acquisitions (M & A), Merger types, motives behind M & A, advantages and disadvantages of M & A, Steps for a successful merger. Theories of Mergers and Acquisitions, Merger Motives, Analyzing the strategy behind recent merger and acquisition.

Merger Process: Dynamics of M&A process- identification of targets negotiation-closing the deal. Five-stage model – due diligence. Process of merger integration – organizational and human aspects –managerial challenges of M& A.

Module 2: Strategic Perspective & Merger as a process of value creation

Strategic perspective- industry life cycle and product life cycle analysis in M&A decision, strategic approaches to M&A- SWOT analysis, BCG matrix, Porter's Five forces model- trends in merger activities India and abroad

Types and Forms of M&A - Share purchases, mergers, demerger, slump sale, itemized sale, comparison between each of the options, including advantages and disadvantages

Merger as a process of value creation
Synergy and its different types, value creation in synergy,
theoretical factors that would affect M & A activity.

Module 3: Corporate Restructuring and Legal Regulatory Framework

Corporate restructuring, different methods of restructuring , joint ventures –sell-off and spin-off ,divestitures , equity carve out – leveraged buyouts(LBO), management buyouts – master limited partnerships , employee stock ownership plans /stock option plan(ESOP) ,detailed understanding of all types of restructuring.

Module 4: Funding of Merger and Takeover and Valuation Approaches

Financial Alternatives; Merits and Demerits, Funding through various Types of Financial Instruments including Equity and Preference Shares, Debentures, Securities with Differential Rights, Swaps, Stock Options; ECBs, Funding through Financial Institutions and Banks - Rehabilitation Finance - Management Buyouts/Leveraged Buyouts.

Valuations for Different Strategies, Merger & Acquisition, Demerger, Slump Sale, Liquidation and Corporate Insolvency, Internal & External Restructuring - Valuation of Intangibles, Valuation of Securities.

Module 5: Takeovers, Legal and Regulatory Framework

Takeovers, Types, Takeover code, its applicability, exemptions from the Takeover code-

Takeover defences- pre offer defences-post offer defences . Legal and regulatory frame work of M & A – provisions of Companies Act 2013 –Indian Income Tax act 1961 – SEBI Takeover Code - Provisions of Competition Act.

Module 6: Prominent cases of M& A including cross border M& A

Examples of M& A in the Indian and international contexts.

Post-Merger Integration - integration planning, factors in post-merger integration model, post-merger integration model, strategic interdependence and autonomy, political and cultural aspects in integration, cultural profiling and assessment of cultural compatibility, HRM issues, and problems in integration and five rules of the integration process.

SKILL DEVELOPMENT :

1. A comprehensive understanding of various types of mergers and acquisitions, along with the associated deal execution processes.
2. Basic knowledge of the regulatory environment governing mergers and acquisitions in India.
3. The ability to justify synergy and value creation in M&A, coupled with the skill to compare and contrast different implications of M&A.
4. Proficiency in evaluating the strategic processes involved in M&A within the legal framework, enhancing their analytical and decision-making abilities.

COURSE OUTCOMES:

1. Understanding of different types of mergers and acquisitions and the process involved in executing their deals.
2. Basic understanding of the regulatory environment of mergers and acquisitions in India.
3. Justify synergy and value creation in mergers and acquisitions. Compare and contrast the implications of each type and form of mergers and acquisition.
4. Evaluate the strategic process involved in mergers and acquisition within the legal framework of merger and

acquisition.

5. Examine the applicability and implications of LBOs, MBOs, MLPs and ESOPs.
6. Choose appropriate valuation method that commensurate takeover bid.
7. Assess various case studies to analyze valuation strategies, pre and post-merger issues and challenges.

BOOKS FOR REFERENCE:

1. Takeovers, Restructuring and Corporate Governance: J FRED WESTON, KWANG SW CHUNG & JUAN A SIU – Prentice Hall publication.
2. Mergers & Acquisitions: J FRED ESTON & SAMUEL C WEAVER Tata McGraw Hill Publication
3. Value Creation From Mergers & Acquisitions: SUDI SUDARSANAM Pearson Education
4. Corporate Finance – Theory & Practice – ASHWATH DAMODARAN John Wiley & Sons.
5. Corporate Amalgamations & Takeovers – Concept, Practice & Procedure – J C VERMA, SANJEEV KUMAR – Bharat Law Publication
6. RavinderVadapalli — M & A and business valuation

P117FA301: PROJECT APPRAISAL & FINANCE

COURSE OBJECTIVES:

Students should be able to

1. Investigate into each project idea in the context of feasibility of study.
2. Justify the viability of the project by using Situation Analysis, Demand Forecasting and Financial Projections.
3. Examine the criteria of selection of a project by using the qualitative and quantitative criteria.
4. Evaluate the financing options in terms of targeted overall cost of capital.
5. Illustrate the project planning and control by using PERT and CPM

Module 1:

Overview - Capital Investments, Phases of Capital Budgeting, Levels of Decision Making, Facets of Project Analysis, Feasibility Study Capital Allocation, Strategic Planning and Capital Budgeting, Generation of Ideas, Porter Model, Scouting for Project Ideas, Preliminary Screening, Project Rating Index, Sources of Positive Net Present Value.

Module 2:

Analysis - Situational Analysis, Collection of Secondary Information, Market Survey, Demand Forecasting, Market Planning, Technical Analysis, Manufacturing Process / Technology, Product Mix, Plant Capacity, Location and Site, Machineries and Equipment, Structures and Civil works, Environmental Aspects, Project Charts and Layouts, Schedule of Project Implementation, Need for Considering Alternatives, Financial Estimates and Projections.

Module 3:

Project Selection - Survey of Time Value of Money, Survey of Investment Criteria, Project Cash Flows, Cash Flow Estimations, Survey of Cost of Capital & Capital Budgeting Techniques, Risk Analysis of Single Investments, Advanced Techniques, Risk Analysis, Firm Risk & Market Risk, Portfolio Related Risk Measures, Portfolio Theory and Capital Budgeting, CAPM and capital Budgeting, Choice Between Mutually Exclusive Projects of Unequal Life, Inflation and Capital Budgeting, Social Cost Benefit Analysis (SCBA – Basics) Judgmental, Behavioral, Strategic and Organizational Considerations.

Module 4:

Financing of Projects - Capital Structure, Debt-Equity Mix, Estimate of fixed capital investment, Working capital investment.

Financial Projections - Background, assumptions, cost of projects/ means of financing projected profit and loss account, projected balance sheet, projected cash flow, loan servicing capability - interest coverage ratio, debt service coverage ratio, long term debt services coverage ratio.

Module 5:

Project Feasibility Analysis - Background, NPV, project/cash flow, discount rate, taxation, IRR, XIRR, MIRR, project IRR and equity IRR, payback period, discounted payback period, economic IRR, sensitivity analysis

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Investigate into each project idea in the context of feasibility of study.
2. Justify the viability of the project by using Situation Analysis, Demand Forecasting and Financial Projections.
3. Examine the criteria of selection of a project by using the qualitative and quantitative criteria.
4. Evaluate the financing options in terms of targeted overall cost of capital.
5. Illustrate the project planning and control by using PERT and CPM.

BOOKS FOR REFERENCE:

1. Prasanna Chandra, Dr: Projects Planning, Analysis, Financing, Implementation & Review, Tata McGraw Hill.
2. Narendra Singh: Project Management.
3. Jach R. & Meredith Samuel J: Project Management.
4. Vasanth Desai: Project Management, Himalaya Publishing House.

Case studies OLA, UBER etc.

P521SB302: FINANCIAL MODELING

COURSE OBJECTIVES:

The students will be able to

1. Explain the meaning and purpose for which Financial Modeling is built and the use of basic and advanced features of excel in the context of financial modeling applications
2. Apply Advanced Excel functions to present behaviour of sensitivities to the projected financial metrics of a firm
3. Develop a Financial Modeling for forecasting of Financial Statements with Analysis and interpretation of Financial statements by using excel
4. Construct a Financial Modeling for Project and franchise after identifying the Revenue Drivers and Cost Drivers of those Business models
5. Develop a Financial Modeling for equity valuation by using discounted cash Flow (DCF) Model.
6. Apply advanced Financial Modeling technique forecasting of three financial Statements with linking necessary schedules.

Module 1:

Financial Modeling – concepts and application - Meaning of Financial modeling, reasons for using Excel for financial modeling, steps for building a financial model, who builds financial models, hallmarks of a good financial model, Objective of building financial modeling, types of financial models. Introduction to Understanding the Basic Features of Excel Introduction to Excel, Understanding Advanced Features of Excel. Sum function, Sumif function, Sumifs function, Count function, Countblank, Counta, Countif, Countifs, Cell Referencing, Absolute Cell Referencing, Relative Cell Referencing, Mixed Cell

referencing, Match function, Index function, PMT, PV, FV, If and AND functions.

Module 2:

Advanced Excel Functions - What if analysis, Sensitivity Analysis, One way Data Table, Two Way Data Table, Goal Seek function, Scenario manager and Solver functions, Simulation using Excel Generating Random Numbers that follow a particular distribution-Simulation Building Models in Finance using Simulation.

Module 3:

Financial Statement Analysis and Forecasting of Financial Statement - Preparing comparative financial statement, Common - sized financial statement, Trend Analysis, Ratio Analysis, Du Pont Analysis using Excel Spreadsheet Model. Venture capital financing eligibility – Case study, Forecasting of financial Statements - Case Study

Module 4:

Financial Modeling for Project and Francize - Financial Modeling for Project Appraisal, Identify the Revenue Drivers and Cost Drivers of Project Business model and Francize Business model, Use of Functions like Payback Period, Discounted Payback Period, Net Present Value (NPV) and Internal Rate of Return (IRR). Francize - Financial Modeling - Case study

Module 5:

Financial modeling for company valuation - Discounted cash Flow (DCF), DCF in the valuation of company, weighted average cost of capital (WACC), terminal value, Enterprise value and equity value, Discounted Cash Flow – Financial Modeling -Case

study.

Module 6:

Advanced Financial Models - Designing Advanced Financial Models, Stock turnover ratio, Debtor turnover ratio, creditors turnover ratio, working capital schedule, Property and Plant equipment schedule, Debt schedule, Forecasting of three financial statements (Income statement, balance sheet and cash flow statement) linking with schedules – Case Study

BOOKS FOR REFERENCE:

1. MICHAEL REES (2018), 'Principles of Financial modeling' Wiley
2. MICHAEL SAMONAS (2015) 'Financial forecasting, Analysis and Modelling' Wiley
3. Simon Benninga (2014) 'Financial Modeling' MIT press
4. Jordan Goldneior. Advanced Excel Essentials.
5. John walkenbach. Excel 2013 Bible.
6. Gupta Vijay (2002), Statistical Analysis with Excel, VJ Books Inc., Canada
7. Winston L. Wayne (2014), 'Microsoft Excel 2013: Data Analysis and Business Modeling', Microsoft Press, U.S.A.
8. Financial Analysis and Modeling Using Excel and VBA, ChandanSengupta, Wiley
9. Taxmann's Financial Management using Excel Spreadsheet, Ruzbeh J. Bodhanwala

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Explain the meaning and purpose for which Financial Modeling is built and the use of basic and advanced features of excel in the context of financial modeling applications
2. Apply Advanced Excel functions to present behaviour of sensitivities to the projected financial metrics of a firm
3. Develop a Financial Modeling for forecasting of Financial Statements with Analysis and interpretation of Financial statements by using excel
4. Construct a Financial Modeling for Project and franchise after identifying the Revenue Drivers and Cost Drivers of those Business models
5. Develop a Financial Modeling for equity valuation by using Discounted cash Flow (DCF) Model.
6. Apply advanced Financial Modeling technique forecasting of three financial Statements with linking necessary schedules.

P521ECO301: ECONOMETRICS

COURSE OBJECTIVES:

The students will be able to:

1. Derive an ordinary least squares (OLS) estimator for a simple regression model proving that it is unbiased, BLUE, and consistent
2. Estimate an ordinary least squares (OLS) for a Multi – variate regression model proving that it is unbiased, BLUE, and consistent
3. Examine the implications of Heteroscedasticity and Tests for Homoscedasticity and its Consequences for OLS
4. Justify the implications of Autocorrelation and Multicollinearity and its Consequences for OLS
5. Use panel Data Method for Pooled OLS in the context of Panel data Problems with panel data and analyze the role of random effects and fixed effects estimators.

Module1:

Introduction to Econometrics – The FAQs of economics research. Methodology of Econometric Research. Correlation theory. Causal Relationships. Experiments and Quasi-experiments. Identification and Statistical Inference. The Selection Problem. Cross Section and Longitudinal Data.

The Simple Regression Model – Assumptions of linear stochastic regression model, Derivation of OLS estimates. Mechanics and Properties. Units of measurement and functional form. Unbiasedness and efficiency. Statistical tests of first order significance of least squares estimates

Module 2:

Multi-variate Regression Analysis – Model with two explanatory variables. General linear regression model. Multiple sources of variation. Partial correlation coefficients. Mechanics and interpretation of OLS. The “partialling out” interpretation and linear projections. Inference in the Multi-variate Regression Model - Sampling distributions of the OLS estimators. Analysis of variance-Testing Hypothesis. Confidence Intervals. Asymptotic Properties of OLS - Consistency, asymptotic normality and asymptotic efficiency. The LM test. Sources of endogeneity: omitted variables, measurement error, and simultaneity. Dummy Variables. Proxy variables. Missing data and outliers.

Module 3:

Heteroscedasticity - Consequences for OLS. -Heteroscedasticity-meaning, assumptions. Robust inference. Tests for Homoscedasticity: Spearman’s Rank Correlation test, Breusch Pagan and White tests. WLS and FGLS. Instrumental Variables and 2SLS - Instruments as a solution to endogeneity. Reduced form equations. Exclusion restrictions. Rank condition. Two-stage least squares and GMM. Consistency and other asymptotic properties. Potential pitfalls. Local Average Treatment Effects.

Module 4:

Autocorrelation and Multicollinearity - Meaning of the assumption of serial interdependence, first order auto regression, sources of autocorrelation, tests for autocorrelation, and consequences of autocorrelation.

Multicollinearity: meaning of multicollinearity, consequences of multicollinearity, tests for detecting multicollinearity, solutions for the incidence of multicollinearity

Module 5:

Introduction to Panel Data Methods –Panel data Problems with panel data: attrition. Pooled OLS, random effects and fixed effects estimators.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Derive an ordinary least squares (OLS) estimator for a simple regression model proving that it is unbiased, BLUE, and consistent
2. Estimate an ordinary least squares (OLS) for a Multi – variate regression model proving that it is unbiased, BLUE, and consistent
3. Examine the implications of Heteroscedasticity and Tests for Homoscedasticity and its Consequences for OLS
4. Justify the implications of Autocorrelation and Multicollinearity and its Consequences for OLS
5. Use panel Data Method for Pooled OLS in the context of Panel data Problems with panel data and analyze the role of random effects and fixed effects estimators.

BOOKS FOR REFERENCE:

1. Wooldrige J. M. Introductory Econometrics: A Modern Approach. South-Western College Publishing, 2000. (WOO)
2. Angrist, J. and Pischke, J. Mostly Harmless Econometrics: An Empiricist’s Companion. Princeton Univ Press, 2009. (AP)
Additional Readings
3. Johnston J. and DiNardo, J. Econometric Methods. 4th Ed. McGraw-Hill 1997. (JD) 2. Wooldrige
4. J. M. Econometric Analysis of Cross Section and Panel Data. The MIT Press, 2002.

5. Cameron, C.A. and Trivedi, P.K. Microeconometrics: methods and applications. Cambridge U.P., 2005. (CT)
6. Cameron, C.A. and Trivedi, P.K. Microeconometrics Using STATA. STATA Press, 2009.
7. Ruud P.A. An Introduction to Classical Econometric Theory. Oxford U.P., 2000. 2 Syllabus: Econometrics M.Sc. ICEF
8. Greene, W.H. Econometric Analysis. 6th Ed. Prentice-Hall, 2008.
9. Morgan, S.L. and Winship, C. Counterfactuals and Causal Inference: Methods and Principles for Social Research. Cambridge U.P., 2007.
10. Kennedy, P. A Guide to Econometrics. The MIT Press, 2003.
11. A.Koutsoyiannis: Theory of Econometrics. Palgrave. 2004

P524MCE301: MANAGERIAL COMMUNICATION - II

COURSE OBJECTIVES:

Students should be able to

1. Explain the role of cross cultural communication in business in an intercultural business set up.
2. Justify the use of appropriate oral communication in the context of a small group communication.
3. Compare and contrast different modes of a business correspondence in writing.
4. Explain the role business etiquette and protocol as effective form of a managerial communication.

Module 1:

Cross Cultural Communication In Business - Focus on the importance of culture in our everyday lives, and the ways in which culture interrelates with and effects communication processes. Understanding the concept of culture, Overcoming ethnocentrism, recognizing cultural signs and improving Intercultural communication skills.

Module 2:

Effective Oral Communication: (Small Group Communication) - Small Group Interaction, Impromptu and Prepared Speeches, Tele conferencing, Video conferencing, Interview Skills, Group Discussions.

Module 3:

Business Writing And Creative Expression: (Work place Messages & Employment Messages) - Email writing (Netiquette), Memos, Minutes of a Meeting, Curriculum Vitae writing, Application Letters, Job-Inquiry Letters.

Module 4:

Business etiquette & protocol - Understand how business etiquette has evolved from its earliest days to today's modern concepts and why actions speak louder than words. Etiquette awareness : Cubicle etiquette, Dress etiquette, Business Etiquette, Handshake Etiquette, Guest Etiquette, Party Etiquette, Business dining Etiquette, Gift giving and International business etiquette.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Explain the role of cross cultural communication in business in an intercultural business set up.
2. Justify the use of appropriate oral communication in the context of a small group communication.
3. Compare and contrast different modes of a business correspondence in writing.
4. Explain the role of business etiquette and protocol as effective form of managerial communication.

METHODOLOGY

Role-Plays, Cases, Lectures, Individual & Group Exercises, Films, Presentations by Students and Videos.

EVALUATION

Quiz, Assignments & Presentation - 50%

End Term Exam 50%

BOOKS FOR REFERENCE:

1. Eats, Shoots & Leaves (The Zero Tolerance Approach to Punctuation),
2. Lynne Truss, Profile Books, Indian Edition: Viva Books, 2007.

3. The Power of Now, 1st Edition, Eckhart Tolle, Hodder Mobius, 2001
4. I'm O.K., You're O.K., 1st Edition reprint, Dr. Thomas A. Harris, Harper Collins, 2004.
5. High School English Grammar & Composition, Revised Edition, Wren & Martin, edited by: Prof. Dr. N.D.V.Prasad Rao, S. Chand & Co. Ltd., 2006.
6. Advanced English Grammar, Revised Edition, Martin Hewings, Cambridge University Press, 2006.
7. Common Errors in English, 1st Edition, Prof.S.Jagadisan & Dr. N. Murugaian, Neelkamal Publications, 2002.
8. Concise Oxford Dictionary, 11th Edition, Edited by Catherine Soanes & Angus Stevenson, Oxford University Press, 2004.
9. Roget's Pocket Thesaurus, 10th Edition, Houghton Mifflin Harcourt, 2008

P515SB401: SYSTEMS, APPLICATIONS, PRODUCTS – FINANCIAL ACCOUNTING & CONTROLLING (FICO)

COURSE OBJECTIVES:

The students should be able to:

1. Describe the role of R/3 in FICO of Business firm.
2. Examine the implication and Integration of Financial Accounting with each components of Material Management of Business Firm.
3. Analyse the implication and integration of Accounting with sales and distribution.
4. Devise a plan for Controlling in alignment with Cost centre reports.
5. Conduct the procedure for creating settlement of real time internal orders.
6. Devise a cost estimate with and without Quantity Structure.

Module 1:

Introduction to R/3 - Financial Accounting Basic Settings, General Ledger Accounting, Accounts Payable, Accounts Receivable, Asset Accounting, New General Ledger Accounting Reports, Integration, Architecture, SAP service, landscape.

Module 2:

Integration of financial accounting with materials management Organizational units in materials management i.e. plant, storage location and purchase organization, Assignment of organizational units, tolerance groups for purchase orders, tolerance groups for goods receipt, tolerance groups for invoice verification, vendor specific tolerances, display and change of material master records, Creation of plant parameters, Maintenance of posting periods for materials management, Maintenance of parameters for invoice

verification, Maintenance of plant parameters for inventory management and physical inventory, Attributes for material types, Assignment of GL accounts for material transactions in financial accounting (Integration of MM with FI), Creation of purchase order, posting of goods receipt, invoice verification and Goods issue for production.

Module 3:

Integration of financial accounting with sales and distribution- Sales Organization, distribution channels, divisions, assignment among various organizational units in SD, partner functions, shipping loading points, pricing procedures, determining the shipping points, determining the pricing procedures, maintenance of SD condition types, maintenance of condition records, assignment of GL accounts for sales transactions(integration of FI with SD), creation of sales order, initialization of stock, posting the delivery of goods, creating the sales invoice.

Module 4:

Controlling - Basic settings for controlling - Controlling Area, Number ranges for Controlling Area, Maintain Planning Versions Cost Center Accounting - Cost Center Standard Hierarchy, Creation of Cost Centers and cost center groups, display cost center master records, change cost center master records, posting to cost centers, reposting of co line items, Repost of Costs, Planning for cost centers. Overhead Calculation, Creation of secondary cost element master records, Execution of Distribution Cycle, Creation and execution of assessment cycles, Cost center reports

Module 5:

Internal Orders - Order types, Creation of internal order master records, display internal order master records, change internal order master records, postings to internal orders, planning for internal orders, reposting co line items for internal orders, Repost of costs for internal orders, Report of Variance analysis for internal orders, Posting of business transaction to real orders, Allocation structures, settlement profiles, planning profiles, Settlement of real internal orders, Budgeting and availability control, Maintain number ranges for budgeting, tolerances for availability control, Specification of

exempt cost elements from availability control, Maintenance of budget manager.

Module 6:

Product cost planning – Bill of Materials, Activity type master records, activity hours, activity type price calculation, creation of work center master records, creation of routings, cost sheet(over head structures), assignment of cost sheet to costing variant, creation of cost estimate with quantity structure, marking.

COURSE OUTCOMES:

After completion of the course the students will be able to

1. Describe the role of R/3 in FICO of Business firm.
2. Examine the implication and Integration of Financial Accounting with each components of Material Management of Business Firm.
3. Analyse the implication and integration of accounting with sales and distribution.
4. Devise a plan for Controlling in alignment with Cost centre reports.
5. Conduct the procedure for creating settlement of real time Internal orders.
6. Devise a cost estimate with and without Quantity Structure.

BOOKS FOR REFERENCE:

1. SAP(R) ERP Financials and FICO Handbook (The Jones and Bartlett Publishers Sap Book Series) by S. N. Padhi (Author).
2. SAP Fico Covers Sap Ecc 6.0 Black Book (English) (Paperback)
Author: Bhushan Jairamdas Mamtani.

BUSINESS VALUATION USING EXCEL

COURSE OBJECTIVE:

This course offers a comprehensive understanding of business valuation principles and financial modeling techniques using Microsoft Excel. Students will learn how to analyze financial statements, forecast future performance, and apply valuation methodologies to make informed investment decisions. Practical exercises and real-world case studies will be used to reinforce learning and develop proficiency in Excel-based financial modeling and valuation.

Module 1: Introduction to Valuation, Financial Modeling, and Advanced Excel Functions

Overview of business valuation concepts and financial modeling principles

Introduction to Excel tools and functions for financial analysis (Understanding the Ribbon, Formatting Cells, IF Function, AND Function, MONTH YEAR WEEKDAY WEEKNUM Functions, etc)

Advanced Excel functions for modeling (LOOKUP FUNCTIONS, INDEX-MATCH, WHAT-IF-ANALYSIS, etc.)

Data validation and error-checking techniques in Excel

Module 2: Preparing the Financial Statement

Preparing the Financial Statements using Excel: Income Statement, Balance Sheet, and Cash Flow Statement

Ratio analysis and financial metrics using Excel for assessing company performance. (Sales revenue analysis, Break Even Analysis, Types of Ratio Analysis).

Module 3: Forecasting Financial Statements

Techniques for forecasting a 3-statement model (Income Statement, Cash Flow, Balance sheet)

Building dynamic financial models in Excel for projections (Using Moving Averages, Data analysis, and Linear Regression)

Module 4: Discounted Cash Flow (DCF) Valuation

Principles of DCF valuation and the concept of the time value of money

Estimating Intrinsic value, Market Value, Unlevered FCF (UFCF), Terminal Value (TV), Enterprise Value (EV).

Constructing DCF models in Excel and interpreting valuation outputs

Module 5: Relative Valuation Methods

Comparable Company Analysis (CCA) and Precedent Transactions Analysis (PTA)

Identifying comparable companies and transactions for valuation benchmarks

Excel-based techniques for collecting and analyzing market data.

Module 6: Valuation Multiples and Market Comparable

Understanding key valuation multiples (P/E, Forward P/E ratio, Justified P/E ratio, P/B ratio, Market to Book Ratio)

Calculating and interpreting multiples in Excel

SKILL DEVELOPMENT:

1. Students will excel in financial modelling using Excel, mastering advanced functions and scenario building.
2. Students will be able to interpret financial statements and conduct in-depth analysis to evaluate company performance.
3. Students will gain proficiency in equity research techniques, including revenue forecasting and valuation.

COURSE OUTCOMES

After completion of the course the students will be able to

1. Demonstrate mastery in Excel tools for dynamic financial modelling and analysis.
2. Interpret financial statements for insightful analysis.
3. Be proficient in financial analytics, using key metrics to evaluate financial stability.
4. Possess advanced skills in equity research, suitable for roles in investment analysis.
5. Will be able to apply valuation methods effectively for strategic decision-making in finance and investment.