



AMRITA
VISHWA VIDYAPEETHAM

AHEAD
Online

Master of Commerce (M.Com)

Curriculum and Syllabus



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Programme Outcomes

PO1:

Enriched knowledge with new ideas and techniques essential for business and management.

PO2:

Mastery over specific skills in business.

PO3:

Capability to acquire and handle any position in business.

PO4:

Develop analytical interpretative and presentation skills regarding research in commerce and management.

PO5:

Acquaintance with recent trends in commerce and management.

Programme Specific Outcomes– M.COM

PSO1: To create a framework of knowledge relating to business strategies.

PSO2: To persuade the students to do research in the current scenario in marketing, human resources, finance, general management, personal and capital market decision

PSO3: Ability to start entrepreneurial activities.

CURRICULUM STRUCTURE - GENERAL INFORMATION

Code Numbering:

Each course is assigned an 8-character Code number. The first two digits indicate the year of curriculum revision. The next three letters indicate the Department offering the course. The last three digits are unique to the course – the first digit indicates the level of the course (100, 200, 300, 400 etc.); the second digit indicates the type of the course, viz. 0, 1 and 2 indicate the core courses; 3,4,5,6 and 7 indicate the Elective courses; 8 indicates the Lab or practical-based courses, and 9 indicates Projects.

Abbreviations used in the Curriculum:

Cat - Category
Cr - Credits
ES - Exam Slot
L - Lecture
P - Practical
T - Tutorial

Disciplines

ENG – English

COM – Commerce

ECO – Economics

CSA – Computer Science and Applications

MAT – Mathematics

ENV – Environmental Sciences

LAW – Law

BUS – Business Management

CURRICULUM STRUCTURE:

SEMESTER I

Course Code	Course Title	L T P	Credit
23COM501A	Advanced Corporate Accounting	2 1 0	3
23COM502A	Business Correspondence	2 1 0	3
23COM503A	Research Methodology	2 1 0	3
23MAT505A	Applied Statistics	2 1 0	3
23CSA581A	Analysis using Advanced Excel Lab	1 0 2	3
23ECO501A	Economics Analysis for Managers	2 1 0	3
23COM633A	Advanced Auditing and Attestation I	2 1 0	3
SUB-TOTAL			21

SEMESTER II

Course Code	Course Title	L T P	Credit
23COM511A	Accounting for Managerial Decisions	2 1 0	3
23COM512A	Advanced Financial Management	2 1 0	3
23LAW513A	Corporate Law	2 1 0	3
23CSA582A	Advanced Accounting Tally Lab	1 0 2	3
23COM631A	Predictive Analytics	2 1 0	3
23COM514A	Corporate Governance	2 1 0	3
23COM634A	Advanced Auditing and Attestation II	2 1 0	3
SUB-TOTAL			21

SEMESTER III

Course Code	Course Title	L T P	Credit
23COM601A	Corporate Income Tax	2 1 0	3
23COM602A	Security Analysis and Portfolio Management	2 1 0	3
23CSA603A	Enterprise Resource Planning and MIS	2 1 0	3
23COM603A	Small Business and Entrepreneurship	2 1 0	3
23COM635A	Advanced Auditing and Attestation III	2 1 0	3
23COM636A	Advanced Auditing and Attestation IV	2 1 0	3
23COM637A	Advanced taxation and regulation I	2 1 0	3
23COM638A	Advanced Financial Accounting and Reporting IV	2 1 0	3
SUB-TOTAL			24

SEMESTER IV

Course Code	Course Title	L T P	Credit
23COM611A	International Business Finance and Analysis	2 1 0	3
23COM639A	Federal Taxation and Regulation II	2 1 0	3
23COM640A	Advanced taxation and regulation II	2 1 0	3
SUB-TOTAL			9
Total credits			75

SEMESTER 1

23COM501A

Advanced Corporate Accounting

2 1 0 3

Objectives:

The objective of this course is to give thorough knowledge about corporate and other specialized accounting systems in conformity with the provisions of the Companies Act 1956

Course outcome:

CO1. Knowledge of preparation of final accounts of banking companies

CO2. Possess information on absorption, amalgamation, external and internal reconstruction

CO3. Familiarise with double account system and preparation of final accounts of electricity companies

CO4. Knowledge of the preparation of the liquidator's final statement of account, statement of liability of B list contributors,

Unit 1

Accounts of Banking Companies – Guidelines of RBI for Profit and Loss Account and Balance Sheet – Preparation of Profit and Loss Account and Balance Sheet.

Unit 2

Amalgamation, Absorption, and External Reconstruction – Vendor Company and Purchasing Company – Purchase consideration – Accounting entries in the books of Vendor and Purchasing Companies – Inter-company owing and holdings – Internal reconstruction – Alteration and reduction of share capital – Accounting entries – Reconstruction Schemes.

Unit 3

Accounts of Insurance Companies – Important terms – Life and General Insurance – Revenue Account applicable to life insurance business – Valuation Balance Sheet – Final Accounts relating to the general insurance business.

Unit 4

Double Account System – Comparison with double entry system – Accounts of electricity companies, Replacement of assets, Disposal of Surplus.

Unit 5

Accounts of Holding Companies – Holding and subsidiary companies – Minority interest – Cost of control – Pre-acquisition and post-acquisition profits – Consolidated Balance Sheet – Elimination of everyday transactions - Bonus shares – Dividend.

TEXTBOOKS:

1. S. N. Maheshwari and S. K. Maheshwary, Advanced Accountancy, Vikas Publishers

2. M. C. Shukla and T. S. Grewal, Advanced Accounts, S. Chand REFERENCE BOOKS:
1. S. P. Jain and K. L. Narang: Advanced Accountancy, Kalyani Publishers
 2. R. L. Gupta and M. Radhaswamy: Advanced Accountancy, Sultan Chand
 3. D. Chandra Bose – Advanced Accounting Volume II, PHI Evaluation Pattern – R.13 & R.16

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23COM502A**Business Correspondence****2 1 0 3****Objective:**

To ensure that students get good exposure to Communication in an organization and also to impart good oral and written communication skills.

Course outcome:

CO1. Understand and apply the various ways to make communication clear, coherent, and concise

CO2. Identify the different formats and styles in English used for different business purposes and contexts.

CO3. It focuses on developing students' ability to analyze and produce written business correspondence using the correct language, format, structure, and tone.

CO4. Write or reply to routine business letters/memos/emails based on given situations using correct grammatical forms and structures in business correspondence.

CO5. Structure messages logically and effectively using correct grammatical forms and structures in business correspondence.

Unit 1

Introduction to Communication and Communicating to Self: Meaning, Importance, and Functions of Business Communication. Communication of persuasion, drafting, and business-related messages— positive and negative. Plan, Prepare, draft, Edit, Review, and Comprehend messages.

Unit 2

Business Vocabulary – Business news, Business articles. Effective Presentations and Public Speaking. Non-verbal - Visual signs, Audio signals, Body language, Paralanguage, Proxemics, Time language, Haptics, Silence - Concept of Listening. Informal Communication: Grapevine, factors leading to grapevine, types of grapevines, merits and demerits of grapevine, effective use of grapevine.

Barriers to Communication and Tips for Effective Communication - Noise, lack of planning, semantic problems, cultural barriers, wrong assumptions, socio-psychological barriers, emotions, selective perception, filtering, information overload, poor retention, poor listening, goal conflicts, offensive communication style

Unit 3

Business Communication: External - Writing letters - forms and layout of letters, parts of a business letter, tone and functions of a business letter, writing of various types of letters - inviting quotations - tenders and bids - placing orders - fulfilling orders - handling complaints, sales letters, circulars, corresponding with customers for payment, import and export correspondence, correspondence with banks and insurance companies.

Unit 4

Business Communication - Internal - Purpose of internal communication - types of internal communication - memos, office orders, office circulars, office notes, correspondence with branch offices, notifications, meetings; types of meetings, agenda, procedure, minutes, resolutions.

Unit 5

General Topics: Paraphrasing, Plagiarism, Documentation of Correspondence.

Communication in groups, Group Dynamics, and Team Roles. Systematic problem solving.

Decision Making: Technique of Group Discussion, Brainstorming Sessions, Nominal Group technique, Delphi technique.

Reference:

1. Bonet, Diana. The Business of Listening: Third Edition. New Delhi: Viva Books, 2004.
2. Bovee, Courtland L, John V. Thill & Barbara E. Schatzman. Business Communication Today: Tenth Edition. New Jersey: Prentice Hall, 2010.
3. Collins, Patrick. Speak with Power and Confidence. New York: Sterling, 2009.
4. Fensterheim, Herbert and Jean Baer. Don't Say Yes When You Want To Say No. New York: Dell, 1975.
5. Fitikides, T. J. Common Mistakes in English. London: Orient Longman, 1984.
6. Guffey, Mary Ellen. Essentials of Business Writing. Ohio: SouthWestern College Pubg., 2000.
7. Hall, Edward, T. The Silent Language. Greenwich, Conn.: Fawcett, 1959.
8. Hughes, Shirley. Professional Presentations: A Practical Guide to the Preparation and Performance of Successful Business Presentations. Sydney: McGraw-Hill, 1990
9. Kroehnert, Gary. Basic Presentation Skills. Sidney: McGraw Hill, 2010.
10. Moore, Ninja-Jo, et al. Nonverbal Communication: Studies and Applications. New York: Oxford University Press, 2010.
11. Neuliep, James W. Intercultural Communication: A Contextual Approach. Boston: Houghton Mifflin Co., 2003.
12. Prasad, H. M. How to Prepare for Group Discussion and Interview. New Delhi: Tata McGraw-Hill Publishing Company Limited, 2001.
13. Turton, N. D. & J. B. Heaton. Longman Dictionary of Common Errors. Essex: Longman, 1987. First Indian Edn. 1998.
14. Thill, John V. & Courtland L. Bovee, Excellence in Business Communication, 10th edition. Boston: Pearson, 2013.
15. Sharma, R. C. & Krishna Mohan. Business Correspondence and Report Writing: Third Edition. New Delhi: Tata McGraw-Hill Publishing Company Limited, 2007. Evaluation Pattern – R.13 & R.16

23COM503A**Research Methodology****2103****Objective:**

The subject deals with the scientific method of systematically solving a research problem so that they know how to do their project and research work.

Course Outcome:

- CO1. Write a research proposal suitable for submission to a research funding body
- CO2. Critically analyze published research and research literature related to a particular research problem.
- CO3. Apply various quantitative and qualitative research techniques to business and management problems/issues.
- CO4. Choose the appropriate quantitative or qualitative method for analyzing the collected data
- CO5. Write a research report signifying the findings of the research work.

Unit 1

Introduction: Meaning and definition of research – types of research – scientific and social research – objectives of social research – inductive and deductive methodology – the significance of social research – research and business decisions.

Unit 2

Methods and research techniques: Distinction between basic research and applied research – case study approach – use of a survey in research – census survey vs. sample survey – sources of information – classification of data into primary and secondary – primary data collection methods and tools.

Unit 3

Concept, Theory, Hypothesis and Research Design: Importance of using the correct concepts – functions of theory – theory, and facts – hypothesis – types of hypothesis – difficulties in the formulation of hypothesis – research design – definition of research design – types of design – factors affecting research design.

Unit 4

Collection and analysis of data: Sampling and sample design – methods of sampling – probability and non-probability techniques – Types of Data and Measurement Scales: Nominal, Ordinal, Interval, and Ratio.

Unit 5

Preparation of Research Report: Meaning of research report – types of reports – oral and written – steps in preparing research report – format of the report – reference materials – Bibliography – footnotes – appendices – synopsis – evaluation of Research Report.

TEXTBOOKS:

1. C. R. Kothari – Research Methodology, New Age Publication
2. Vineeth and Dileep Kumar – Research Methodology, Kalyani Publishers

REFERENCE BOOKS:

1. V. P. Michael – Research in Management, Sage Publication
2. Amarjit Singh and A. N. Sadhu – Research Methodology in Social Sciences, Himalaya Publishing
3. Paneerselvam – Research Methodology, PHI Evaluation Pattern – R.13 & R.16

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Objectives:

This Course deals with the Statistical Methods and tools used for applied research using software packages. Students would be able to acquire skills and knowledge for analyzing and interpreting the data through this course.

Course Outcome

- CO1:** Understand various statistical central measures. Measure the given data by using the central measures.
- CO2:** Understand probability and translate real-world problems into probability models. Also, understand simple distributions, mean, and variances and apply them to some data sets.
- CO3:** Understand various hypothetical testing and analysis with given data.
- CO4:** Understand ANOVA and analyze the data collected using ANOVA techniques

Unit 1

Measures of Central Tendency and Dispersion: Introduction, Objectives of statistical average, Requisites of a Good Average, Statistical Averages, Appropriate Situations for the Use of Various Averages– Range - Quartile deviations, Mean deviation, Standard Deviation – Properties of standard deviation Coefficient of Variance.

Unit 2

Probability and Distributions: Introduction - Definition of probability – Basic terminology used in probability theory - Addition rule - Multiplication rule, Conditional Probability.

Random Variables, Probability Distributions - Discrete probability distributions - Continuous probability distributions – Binomial Distribution, Poisson Distribution, Normal Distribution. Mean and variance of these distributions

Unit 3

Correlation and Regression Lines: Two-dimensional random variables. Conditional mean and variance. Simple linear Regression with discrete data. Properties of least square estimators, least squares method for estimation of regression coefficients.

Karl Pearson's correlation coefficient - Spearman's Rank Correlation Coefficient, Partial Correlations.

Unit 4

Testing of Hypothesis: Hypothesis Testing, Tests on a Population Proportion- Tests on the The mean of a Normal Distribution with Variance known and unknown, Tests on the variance – Test for Goodness of fit, Contingency table tests. Chi-Square as a test of independence.

Applications of Chi-Square test. Practical applications.

Unit 5

Analysis of Variance (ANOVA): Introduction - Objectives of ANOVA - ANOVA table Assumptions for the study of ANOVA, Classification of ANOVA - ANOVA table in one-way -

Two-way classifications and Latin Square Design.

TEXTBOOK

1. Amir Aczel and Jayavel Sounder Pandian, Complete Business Statistics, 7th Edition, McGraw Hill, 2017.

REFERENCES:

1. J. K. Sharma, Business Statistics, 4th Edition, Vikas Publishing 2014.
2. Alexander Holmes, Barbara Illowsky, Susan Dean, Introductory Business Statistics Samurai publisher, 2018.
3. Ravichandran, J. Probability and Statistics for engineers, First Reprint Edition, Wiley India, 2012.
4. Ronald E. Walpole, Raymond H. Myers, Sharon L. Myers and Keying Ye, Probability and Statistics for Engineers and Scientists, 8th Edition, Pearson Education Asia, 2007

Objectives: The course takes you from basic operations such as reading data into Excel using various data formats and organizing and manipulating data to some of the more advanced functionality of Excel.

Course Outcome:

- CO1:** Develop skills in Excel Spreadsheet.
- CO2:** To prepare the analysis using Excel,
- CO3:** To acknowledge the different concepts followed in the advanced Excel for the report.

Unit 1 - Introduction to Spreadsheets

In this unit, you will be introduced to the use of Excel spreadsheets and various basic data functions of Excel. Topics covered include: • Reading data into Excel using various formats • Basic functions in Excel, arithmetic as well as various logical functions • Formatting rows and columns • Using formulas in Excel and their copy and paste using absolute and relative referencing functions on individual cells, functions on the set of numbers, Functions on Ordered Pairs of Data.

Unit 2 – Spreadsheet Functions to Organize Data

This unit introduces various Excel functions to organize and query data. Learners are introduced to the IF, nested IF, VLOOKUP, and HLOOKUP functions of Excel. Topics covered include: • Sorting data in Excel, IF, and the nested IF functions • VLOOKUP and HLOOKUP • The RANDBETWEEN function.

Unit 3 – Introduction to Filtering, Pivot Tables and Charts

This unit introduces various data filtering capabilities of Excel. You'll learn how to set filters in data to access data selectively. A very powerful data summarizing tool, the Pivot Table, is also explained, and we begin to introduce the charting feature of Excel. Topics covered include: • VLOOKUP across worksheets • Data filtering in Excel • Use of Pivot tables with categorical as well as numerical data • Introduction to the charting capability of Excel, introduction to Binary Classification.

Unit 4 – Advanced Graphing and Charting

This unit explores various advanced graphing and charting techniques available in Excel. Starting with various line, bar, and pie charts, we introduce pivot charts, scatter plots, and histograms. You will get to understand these various charts and get to build them on your own. Topics covered include • Line, Bar, and Pie charts • Pivot charts • Scatter plots • Histograms, Describing Histograms and Probability Distributions Functions; Introduction to data analysis tool pack plug-in in Excel.

Unit 5 – Forecasting using Excel.

Regression Analysis, inference with regression analysis, regression models with dummy variables, time series, and forecasting

References

1. Manish Nigam – Advance Excel 2019 Training Guide: Tips and Tricks to Kick Start Your Excel Skills – BPB Publications; First edition
2. L. Winston Wayne – Microsoft Excel 2019: Data Analysis and Business Model – PHI Learning Pvt.

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23ECO501A**Economics Analysis for Managers****2 1 0 3**

Objectives: This course aims to provide a detailed understanding of the concepts of economic theories for use by management in the decision-making process.

Course Outcomes (CO)

CO1: Analyze the demand and supply conditions and assess the position of a company

CO2: Design competition strategies, including costing, pricing, product differentiation, and market environment according to the nature of products and the structures of the markets

CO3: Make optimal business decisions by integrating the concepts of economics, mathematics, and statistics.

CO4: Analyze the interaction between consumers and firms, apply the concept of market equilibrium, and calculate welfare measures such as consumer surplus and social welfare

CO5: Analyze and predict the effect of government measures (policies, taxes, etc.) on market prices and quantities, social welfare, and economic efficiency.

Unit 1

Introduction: Basic economic problem – the problem of scarcity – economic system – Capitalist, Socialist and Command Economics – how these economic systems solve the basic economic problem. Positive versus normative analysis-Corporate decision making-public policy design.

Unit 2

Basics of Demand and Supply: Concept of demand-- Elasticity of demand – measurement of elasticity – point and arc methods – supply schedule and supply curve – Shifts in demand and supply - minimum floor price and fixing ceiling on prices- Understanding the effects of changing market conditions- market failure- Effects of Government intervention in correcting market failure.

Unit 3

Theory of Markets: Price and output determination under perfect competition and monopoly – discriminating monopoly – types of discrimination – degrees – oligopoly – price leadership, collusive and kinked demand – monopolistic competition – Theory of distribution-a general view- Marginal productivity theory

Unit 4

Introductory Macro Economics: Circular flow of income – two sector – three sector- four sector models- National Income accounting – Basic N.I. concepts – methods of N.I. collection – problems – conceptual and statistical- National income accounting in India

Unit 5

Important Macro Variables: Propensity to consume – MPL and APC – Concept of the multiplier – Accelerator – leverage effect – business cycles – unemployment and types – voluntary and involuntary– inflation and deflation. Fiscal policy as a measure to correct inflation- Automatic measures and deliberate measures – limitations of fiscal policy.

TEXTBOOKS:

1. H. L. Ahuja – Modern Economics, S. Chand Publishers
2. D.N. Dwivedi – Managerial Economics, Vikas Publication
3. Robert S. Pindyk and Daniel Rubinfeld – MICROECONOMICS-Prentice Hall REFERENCE BOOKS:

1. T. N. Hajela – Macro Economic Theory, Ane Books India Pvt. Ltd.
2. S. Shankaran – Economic Analysis, Margham Publications
3. Samuelson – Economics, TMH

23COM637A

Advanced Taxation and Regulation – I

2103

Objective:

To gain knowledge of taxation and regulation

Course Outcomes:

CO1: To gain knowledge of global taxation and regulation.

Syllabus:

UNIT 1: Basis of assets

Calculate the tax basis of an asset purchased for use in a trade or business.

Calculate the tax basis of an asset converted from personal to business use.

Calculate the tax basis of property received as a gift or as an inheritance from a decedent.

Calculate the tax basis of stock acquired through a wash sale.

Calculate the basis of intangible assets, including organization costs, start-up costs and loan costs.

UNIT 2: Cost recovery (depreciation and amortization)

Calculate tax depreciation for tangible business property using MACRS, including identification of the applicable recovery period and convention.

Determine property eligible for a Section 179 deduction.

Calculate tax amortization for intangible assets.

Review a tax depreciation and amortization schedule for the current year and supporting documentation, including any source data used to create the schedule, to determine the completeness and accuracy of the expense amounts deducted for tax purposes.

Review and resolve discrepancies identified by automated diagnostic and validation checks to ensure the completeness and accuracy of the depreciation and amortization expense reported on a tax return based on the source data used to prepare the return

UNIT 3: Gross income (inclusions and exclusions)

Calculate the amounts that should be included in an individual's gross income as reported on Form 1040 – U.S. Individual Income Tax Return, including

wages, interest and dividends, guaranteed payments received from a partnership, income from a qualified retirement plan and punitive damages.

Calculate the capital gain that should be included in an individual's gross income as reported on Form 1040 – U.S. Individual Income Tax Return from transactions, including gains from the sale of investments or virtual currencies, assets received as gifts and assets received from a decedent and classify them as

long-term or short-term.

Calculate the amounts that should be excluded from an individual's gross income as reported on Form 1040 – U.S. Individual Income Tax Return, including tax-exempt interest, gifts received and life insurance proceeds.

Calculate the income reported in the year of death for a decedent on Form 1040 –

U.S. Individual Income Tax Return

Review Form 1040 – U.S. Individual Income Tax Return and supporting documentation, including any source data used to create the return, to determine the completeness and accuracy of the gross income reported.

Review and resolve discrepancies identified by automated diagnostic and validation checks to ensure the completeness and accuracy of the gross income reported on Form 1040 – U.S. Individual Income Tax Return based on the source data used to prepare the form.

UNIT 4: Reporting of items from pass-through entities

Use information provided from disregarded and pass-through entities in which an individual has an ownership interest to report ordinary business income (loss) and separately stated items on an individual's tax return.

UNIT 5: Loss limitations

Calculate the net tax loss allowed on the sale of capital property, including netting of capital gains and losses and capital loss carry forwards.

Calculate the amount of ordinary business loss allowed for an individual materially participating in the operations of a pass-through entity with sufficient basis in the entity.

Calculate losses disallowed for tax purposes, such as from a hobby, wash sale or sale of a personal-use asset.

Reference Books:

1. **CPA Regulations by Becker, 4th edition, Wiley publication**
2. **Wiley's CPA study guide by Wiley Publications**
3. **Beckers CPA review resources by Beckers publications**

SEMESTER 2**23COM511A****Accounting for Managerial Decisions****2103****Objectives:**

Accounting is one of the essential tools of modern managers providing quantitative information, primarily financial, necessary for making vital economic decisions. In a developing economy like ours, the importance of Cost and Management accounting has been acknowledged by all, especially when optimum utilization of resources is the crying need of the day. As a result, the knowledge of Cost and Management Accounting to commerce students has become an absolute necessity. In view of this, this subject is included in the syllabus.

Course outcome:

CO1: Understand the meaning and techniques of costing and management accounting

CO2: Awareness of tools for analysis of financial statements

CO3: Identify marginal costing techniques

CO4: Acquire knowledge regarding standard costing techniques

CO5: Preparation of various budgets and variances reports

Unit 1

Nature and scope of Cost Accounting: Costing - Introduction, Objectives, Advantages, and limitations of financial Accounting.

Nature and scope of Management Accounting: Meaning, Objectives, Difference between Cost and Management Accounting, Techniques of Management Accounting, Scope, Limitations. Cost-Analysis, Concepts and classifications: Cost, Cost classification, Cost centre, Cost unit, Cost sheet.

Unit 2

Analysis of Financial statements: Meaning of analysis and interpretation, Objectives, Types and techniques of analysis, Interpretation.

Ratio analysis: Liquidity, Profitability, turnover and solvency ratios, Market test ratios, Intra and Inter firm comparison ratios, leverage ratios, Practical problems.

Unit 3

Marginal Costing and Cost Volume Profit analysis: Marginal Costing, Fixed and Variable cost, BEP analysis, CVP analysis, and Contribution margin.

Decision making applying Marginal costing techniques: Fixation of selling price, Key factor, Make or buy decisions, Selection of suitable product mix, Effect of change in price, Maintaining a desired level of profit, Alternative production methods, Diversification of products, Purchase/Lease?

Unit 4

Fund flow statement: Meaning, Objectives, Preparation, Practical problems.

Cash flow statement: Meaning, Objectives, scope, usefulness, limitations, Classification of cash flows, Preparation and presentation of cash flow statement, difference between cash flow and fund flow statement.

Budget and Budgetary control: Meaning, Types of budgets, Functional budget and flexible budget, Practical problems.

Unit 5

Standard costing and variance analysis: Definition, Setting of standards, Variance analysis, Material price variance, Usage variance, Labour rate variance, Efficiency variance, Overhead expenditure, Volume, Capacity and efficiency variance, Advantages and disadvantages of Standard costing.

TEXTBOOKS:

1. M. Vineeth and K. R. Shabu – Accounting for Managerial Decisions, Kalyani Publishers.
2. S. P. Jain and K. L. Narang – Cost and Management Accounting, Kalyani Publishers.

REFERENCE BOOKS:

3. S. N. Maheswari and S. K. Maheswari - Accounting for Management, Vikas Publishing house
4. S. K. Bhattacharyya and John Dearden - Accounting for Management, Vikas Publishing house
5. Jawahar Lal – Advanced Management Accounting, S. Chand Publishers Evaluation Pattern – R.13 & R.16

23COM512A**Advanced Financial Management****2 1 0 3****Objective:**

In our present-day economy, finance is defined as the lifeblood of any business. Finance has been rightly termed as the universal lubricant that keeps every enterprise dynamic. As a commerce student, one must be able to manage this critical resource of any business. Thus, the relevance of the course in the curriculum.

Course outcome:

CO1: Understand the meaning, scope, and objectives of financial management

CO2: Estimation of working capital requirements

CO3: Understand the role and importance of capital budgeting decisions and techniques

CO4: Knowledge of theories of capitalization

CO5: Understand the significance of the cost of capital

Unit 1

Scope of financial management, the relationship of finance function with other business functions, objectives of Financial Management—Profit Maximization v/s Wealth Maximization. Financial Plan, Characteristics of a good financial plan, steps in financial planning, limitations of a financial plan, Financial Institutions.

Note: There will be only theory questions covering UNIT 1

Unit 2**Working Capital Management**

Meaning of Working Capital, gross working capital, net working capital, Permanent working capital, temporary working capital, importance of working capital, factors that determine working capital, working capital cycle, determination of projected Current Assets and Current Liabilities, determination of working capital requirements using working capital cycle, projected Current Assets and Current Liabilities and also using budgeted cash flows. Management of cash using cash budgets, receivables management, factoring, forfaiting, strategies for managing surplus funds.

Problems only on: Determination of working capital requirements using working capital cycle, projected Current Assets and Current Liabilities, and budgeted cash flows. Problems on preparing Cash Budgets and Factoring

Unit 3**Risk and Leverage Analysis and Capitalization.**

Risk: Business risk, Financial risk, risk and return, components of financial risk.

Leverages and Capitalization

Meaning of leverage, applications of leverages, Operating leverage, Financial leverage, Combined leverage, the concept of a firm being financially favourably leveraged, trading on equity, ideal combination for combined leverage. Relationship between Sales and EBIT using Degree of operating

leverage (DOL), relationship between Sales and EBT/EPS using Degree of combined leverage(DCL).
The concepts of Over capitalization and under capitalization.

Problems only on:

Computing ROCE, DOL, DFL, DCL and their related applications.

Unit 4

Time Value of money and Capital budgeting.

Time Value of Money: Meaning, Time preference of Money, concept of Present Value, application of present value concept, finding out present value interest factors (PVIF) and Present Value Interest Factor Annuity (PVIFA), concept of discounting using PVIF and PVIFA. Capital Budgeting: Meaning, importance, capital budgeting process, types of capital investment decisions, main project evaluation techniques....simple payback method, discounted payback method, Accounting or Average rate of Return(ARR), Net Present Value Method(NPV), desirability factor or profitability index method, Internal rate of return method(IRR), the superiority of NPV over other methods, Capital rationing and social cost benefit analysis. Problems only on:

Simple payback method, discounted payback method, Accounting or Average rate of Return (ARR), Net Present Value Method (NPV), desirability factor or profitability index method, Internal rate of return method (IRR), capital rationing.

Unit 5

Cost of Capital and Capital structure Theories

Cost of Capital: Meaning, Cost of Debt, Preference Share capital, Equity share capital, retained earnings or reserves. Weighted average cost of capital (WACC) using book values and market values as weights, importance of WACC and marginal cost of capital. Financial break-even point.

Capital structure theories:

Meaning of capital structure, optimal capital structure, major considerations in capital structure planning, Capital structure theories, assumptions in capital structure theories, net income approach, net operating income approach, The traditional theory, Modigliani and Miller approach, the concept of arbitrage in Modigliani and Miller approach.

Financing decision Equity vs. Debt and its effect on EPS maximization. EBIT EPS indifference point between different capital structure alternatives. Financial breakeven point.

Problems only on:

Calculation of cost of different capital components and WACC, all capital structure theories, finding out EBIT EPS indifference points for different capital structures, finding out the effect of capital structure on EPS and related applications.

TEXTBOOKS:

1. Prasanna Chandra – Financial Management, TMH
2. I. M. Pandey – Financial Management, Vikas Publishing

REFERENCEBOOKS:

1. M. Y. Khan & P. K. Jain – Financial Management, TMH
2. Sharma, Shashi K Gupta – Financial Management, Kalyani Publishers
3. Rajiv Srivastava, Anil Misra – Financial Management, Oxford University Press

23LAW513A**Corporate Law****2103****Course Objective:**

This course aims to make the students aware of the laws governing the corporate sector in particular and the business environment in general.

Course Outcomes

CO1: Understanding the basic rules and concepts of corporate law, such as separate legal personality, limited liability, the duties of company directors, incorporation and winding up of a company and its procedures, etc.

CO2: Ability to develop an awareness of the socio-legal and economic dimensions of modern corporate law

CO3: Knowledge for evaluating corporate problems, identifying appropriate legal obligations, duties, rights, and remedies

CO4: Understanding the scope of Corporate Social responsibility and identifying areas of corporate law needing reform.

CO5: Knowledge about the fundamentals of the Foreign Exchange Management Act 1999, The Securities and Exchange Board of India Act (SEBI) 1992, The Competition Act 2002, and the Securities Contract Regulation Act 1956

Unit 1

A. Corporate Management and Control: Directors: Appointment, Removal, Share qualification, Powers and Duties; Key Managerial Personnel, roles and responsibilities, Director Identity Number (DIN); Classification of directors, Women Directors, Independent directors; Legal position of directors, Liabilities of directors, Fiduciary Capacity of Directors, Duty of Disclosure of interests; Director Board meetings: Collective Responsibility of directors and decision making, Frequency of Board Meetings, Procedure for Board Meetings, Committees of Directors.

B. Oppression & Mismanagement and Investigation: Rule by Majority as applicable to the management of companies and exceptions, Prevention of oppression and mismanagement, Role and Powers of the Company Law Board/ NCLT and Central Government, Company Investigation.

Unit 2

A. The Companies (Amendment Act), 2002 – Law relating to Producer Companies: Features of Producer Companies; Objects and formation of a Producer Company, Memorandum and Articles of a Producer Company; Management and functioning of Producer Companies in brief

B. The Competition Act 2002: History and background of legislation; Competition policy and law, Important definitions, Anti-Competitive agreements, Abuse of dominant position; Regulation of combinations and Competition Advocacy; Competition Commission of India: Formation, Duties, Powers, and Functions of commission, Enforcement authority under the Commission. Major penalties.

Unit 3

Foreign Exchange Management Act, 1999: Introduction; Overview of FEMA; Important definitions; Regulation and management of foreign exchange; Authorized persons and their role; Enforcement

Directorate and Investigations; Major contraventions and penalties for FEMA violations;
Adjudication of FEMA cases and appeal authority.

Unit 4

A. The Securities and Exchange Board of India (SEBI) Act, 1992 – Formation, functions and powers of SEBI in relation to securities markets; Prohibition of manipulative and deceptive devices; Insider trading and substantial acquisition of securities or control; Important guidelines for securities issues; Establishment of Securities Appellate Tribunals (SAT); Powers of the central government; Appeals from the orders of SEBI.

B. Securities Contract Regulation Act, 1956: Corporatization & demutualization of stock exchanges; Highlights of new legislation on securities laws; Important definitions; Procedure for recognition of stock exchanges; Power of Central Government to make rules; Clearing corporation; Powers of stock exchanges to make and SEBI to revise bye-laws; Major violations of SCRA and, penalties; Title and right to dividends;

Unit 5

Law of Alternate Dispute Resolution in India: An overview of the significance of Arbitration, Conciliation, and Mediation; Arbitration: Meaning, Arbitration Agreement, Procedure, Important cases; Conciliation: Conciliator, Kinds of conciliation and procedure for conciliation; Mediation: Meaning, Court referred mediation, Private mediation; Differences between arbitration, mediation and conciliation, Major advantages and disadvantages

TEXTBOOKS:

1. CA Amit Popli, Corporate, Economic and Allied Laws, Bharat Publishers 2019
 2. H. R. Machiraju - Indian Financial System, Vikas Publishing House
 3. N. D. Kapoor – Corporate Laws and Secretarial Practice, Sultan Chand Publishers
- REFERENCE BOOKS:**

1. S. K. Aggarwal – Concept of Corporate Law, Galgotia Publications.
2. TAXMANN – Companies Act 2013

23CSA582A**ADVANCED ACCOUNTING Tally Lab****1023****Objective:**

This course is designed to impart knowledge regarding concepts of Financial Accounting Tally is an accounting package that is used for learning to maintain accounts to make students ready with the required skills for employability.

Course Outcomes

CCO1: Develop expertise among the students in relation to the application of accounting software for the maintenance of accurate accounting reports, generation of reports, and analysis & interpretation of reports.

CO2: Knowledge to create the company, group, security control, back-up, etc.

CO3: Ability to prepare financial statements and other statements related to inventory management, depreciation accounting and, VAT procedure and records using TALL

CO4: Application of various aspects of Tally in day-to-day business/professional activities.

CO5: Ability to calculate and prepare GST reports.

Syllabus:

Getting started with Tally – Company information – Features and configuration. Tally inventory – inventory vouchers – purchase and sales orders – invoicing – bill of materials – price list.

Display and reporting – reporting and printing – bank reconciliation – budgeting – cash and funds flow.

Application of taxes – Goods and Service Tax (GST) – service tax. Expert features – security controls – tally audit – export and import of data – splitting financial years.

TEXTBOOKS:

1. Tally complete reference material
2. Nadhani – Tally ERP 9 Training Guide – BPB Publication

REFERENCE BOOKS:

1. Tally for everyone – Roopa, Add to Cart Publishing
2. Kogent Learning Solutions – Tally ERP 9 in Simple Steps, Dreamtech Publication
3. Dinesh Maidasani – Mastering

23COM631A**Predictive Analytics****2 1 0 3****Objective:**

This course helps students understand predictive analytics and application techniques used in the finance domain.

Course Outcome

CO1: To understand the significant methods of predictive modeling beyond the black box thinking

CO2: To gain knowledge of data modeling and model-performing metrics

CO3: To gain knowledge of neural networks and applications in the finance domain.

CO4: To understand the training steps and test the predictive models.

Unit 1 - Introduction to Predictive Modeling

Introduction – Meaning – Models – Types of Models – Process of predictive modeling Tidying Data and Measuring Performance – Tidying data – Categorizing data quality – Performance metrics – Cross Validation – Curves

Unit 2 – Linear Regression

Linear regression – Simple linear regression – multiple linear regression – assessing linear regression models – problems with linear regression – feature selection – regularization – polynomial regression

Generalized Linear Models – classifying with linear regression – logistic regression – assessing logistic regression – regularization with the lasso – classification metrics – extensions of the binary logistic classifier – Poisson regression – negative binomial regression

Unit 3 – Neural Networks and Support Vector Machines

Neural Networks – the biological neuron – the artificial neuron – stochastic gradient descent – multilayer perceptron networks – the backpropagation algorithm – radial basis function networks

Support Vector Machines – maximal margin classification – support vector classification – kernels and support vector machines – multiclass classification with support vector machines

Unit 4 – Tree-Based Methods and Probabilistic Graphical Models

Tree-Based methods – the intuition for tree models – algorithms for training decision trees – improvements to the M5 model – Dimensionality reduction

Ensemble methods – Bagging - Boosting

Probabilistic Graphical models – little graph theory – Bayes' theorem – conditional independence – Bayesian networks – the naïve Bayes classifier

Topic modeling – an overview of topic modeling – Latent Dirichlet Allocation (LDA)

Unit 5 – Recommendation Systems and Deep Learning

Recommendation Systems – Rating matrix – collaborative filtering – singular value decomposition

Deep Learning - Scaling Up project – characteristics of big data – training models at scale –
Introduction to Deep Learning – Machine Learning or Deep Learning – Deep Learning Models

References Textbook:

1. James D. Miller, Rui Miguel Forte – Mastering Predictive Analytics with R, 2nd edition.

AMRITA AHEAD
VISHWA VIDYAPEETHAM

23COM514A**Corporate Governance****2 1 0 3****Objective:**

To provide knowledge of emerging trends in good governance practices and corporate social responsibility in the global and Indian context.

Course outcome:

CO1: To gain knowledge about concepts of corporate governance

CO2: To understand the various laws of corporate governance.

UNIT 1: Capital structure

Calculate the cost of capital for a given financial scenario.

Determine the impact of changes in an entity's capital structure on cost of capital, loan covenants, liquidity and leverage.

Compare the strategies for financing new business initiatives and operations within the context of an optimal capital structure.

Interpret the impact of various capital structures on financial statements and key performance measures.

UNIT 2: Risk management

Recall the purpose and objectives of the COSO ERM framework.

Recall how the COSO ERM framework can be applied to identify, respond to, and report environmental, social and governance (ESG) related risks.

Apply the COSO ERM framework to identify risk/opportunity scenarios in an entity.

Use strategies to mitigate financial risks (e.g., market, interest rate, currency, liquidity).

Compare various strategies for managing the working capital of an entity.

Derive the impact of a proposed transaction on key performance measures of an entity.

Interpret an entity's strengths, weaknesses, opportunities and threats (SWOT) analysis to assess the entity's options to achieve its overall business strategy.

UNIT 3: Indefinite-lived intangible assets, including goodwill

Recall impairment indicators for goodwill and other indefinite-lived intangible assets.

Calculate the carrying amount of goodwill and other indefinite-lived intangible assets reported in the financial statements (initial measurement and impairment) and prepare journal entries.

UNIT 4: Internally developed software

Recall the criteria necessary to capitalize software developed for internal use or software developed for sale in the financial statements.

Calculate capitalized software developed for internal use or software developed for sale to be reported in the financial statements and the related amortization expense.

Interpret agreements, contracts and/or other supporting documentation to determine the amount and timing of revenue to be recognized in the financial statements using the five-step model.

Reconcile and investigate differences between the sales sub ledger and the general ledger to determine whether an adjustment is necessary.

Recall concepts associated with share-based payment arrangements (e.g., grant date, vesting conditions, inputs to valuation techniques, valuation models).

Use a given fair value measurement of a share-based payment arrangement classified as equity to prepare journal entries to recognize compensation cost.

TEXTBOOKS:

1. Wiley's CPA study guide; Wiley publications
2. Beckers CPA review resource by Becker publications

AMRITA AHEAD
VISHWA VIDYAPEETHAM

23COM634A

Advanced Auditing and Attestation - II

2 1 0 3

Objective:

To gain knowledge of auditing planning and risk assessment in auditing

Course Outcomes:

CO1: To gain experience in planning audits.

CO2: To gain knowledge on audit quality control.

CO3: To understand the audit reports and communication.

Syllabus:

UNIT 1:

Requirements of the Government Accountability Office and the Department of Labor (continued)

Apply the ethical requirements and independence rules of the Government.

Accountability Office Government Auditing Standards to situations that could present threats to compliance during an audit of, or attestation engagement for, a government entity or an entity receiving federal awards.

Apply the independence rules of the Department of Labor to situations when an accountant would not be considered independent during an audit of employee benefit plans.

UNIT 2:

Professional scepticism and professional judgment

Understand the concepts of professional scepticism and professional judgment.

Understand unconscious auditor biases and other impediments to acting with professional scepticism, including threats, incentives and judgment-making shortcuts

UNIT 3:

Audit engagements

Identify the nature, scope and objectives of the different types of audit engagements for issuers and non-issuers (e.g., financial statement, ERISA plan financial statement)

UNIT 4:

Other engagements

Identify the nature, scope and objectives of attestation engagements and accounting and review service engagements.

Reference Books:

1. Wiley's CPA study guide; Wiley publications
2. Beckers CPA review resource – Becker publications

SEMESTER 3**23COM601A****Corporate Income Tax****2 1 0 3****Objective:**

To enhance the theoretical and practical skillsets of the students.

Course outcome:

CO1: Knowledge of basic concepts of income tax

CO2: Enables to calculate of proper tax of a company, pay advance tax, pay total tax on time

CO3: Enables one to calculate total tax planning, including capital gain tax

CO4: Enables filing income tax returns and getting assessments done.

CO5: Familiarise with the procedures followed in tax consultancy firms

Unit 1**A Quick review of the following:**

Income Tax Act, Income Tax Rules, CBDT Circulars, Tribunal, High Court and Supreme Court decisions, definitions of Person, Assessee, Assessment Year, Previous year, Income, Gross Total Income, Total Income, Agricultural Income, Casual Income, Company and related terms, residential status of Individuals and companies, Capital Receipts and Revenue Receipts, Capital Expenditure and Revenue Expenditure, Concept of loss, Exclusions from Total Income.

(Problems only on Residential Status of Individuals and Companies. The remaining areas are only for theory)

Unit 2**In the case of Individuals and Companies:**

Calculation of Tax liability and Marginal Relief, Dates of filing Income Tax returns, Calculation of Advance Tax liability and payment thereof, the concept of Tax Deducted at Source, Self-Assessment Tax and its payment, and Importance of Permanent Account Number (PAN).

(There will be problems on all the above topics)

Unit 3**A quick study of:**

Heads of Income, focusing on Profits and Gains of Business and Profession, Capital Gains and Income from other sources. Thrust will have to be given on depreciation calculation based on the Block of Assets concept. Focus also to be given to presumptive taxation and tax audit. Other areas are clubbing of Income, set off and carry forward of losses, and deductions from total income (only common deductions like 80C, 80CCB, 80CCC, 80CCG, 80D, 80DD, 80E, 80G, 80GG, 80QQB, 80TTA.) (There will be problems on all the above topics).

Unit 4

Taxation of Companies

Certain deductions available only to companies, Minimum Alternate Tax and its mode of computation, Tax liability after taking into account MAT, exposure to Tonnage Tax scheme.

Procedure for Assessment

Exposure to concepts of voluntary return, return of Loss, belated return, revised return, compulsory return, defective return, filing of return in electronic form., Various ITR Forms, verification of Returns, Interest U/S 234A, 234B and 234C, Assessment U/S 143(1), Regular Assessment, Best Judgement Assessment, rectification of mistake, notice of demand.

(Problems on company taxation recognizing MAT only. All other areas for theory only)

Unit 5

Exposure to Double taxation, Treaties and relief, Advanced rulings, survey, search and seizure, Tax planning, Tax evasion, Tax avoidance and Tax management, Alternate Minimum Tax on persons other than companies.

(The above topics only for theory)

Textbooks:

1. Taxmann's Students guide to Income Tax by: Dr Vinod Singhania & Dr Kapil Singhania
2. Students Handbook on Taxation by T.N.Manoharan and Mr G.R. Hari

Reference Books:

1. Income Tax. Tax Planning and Management by DR H.C.Mehrotra and Dr S.P.Goyal, Sahitya Bhawan Publication
2. Taxmann's Direct Taxes: Law and Practice by Dr Vinod K.Singhania and DR Kapil Singhania.

23COM602A**Security Analysis and Portfolio Management 2 1 0 3****Objective:**

To provide an insight into the process and concept of security analysis and managing the portfolio of investments.

Course Outcomes:**CO1:** Insight into the meaning of risk and return**CO2:** Knowledge of equity analysis and valuation**CO3:** Understand the various types of bonds and the risk associated with it**CO4:** Knowledge of portfolio construction theories**CO5:** Evaluation of portfolio**Unit 1**

Meaning of Risk and Investments: Meaning of Risk - Total Risk - Systematic risk - Unsystematic risk – elements of systematic risk (interest rate risk etc..) and Unsystematic risk (business risk... etc), the concept of uncertainty, Investments – meaning - avenues of investments - financial assets - non-financial assets. Measuring return and risk: Measuring return and risk...under both certain and uncertain conditions, i.e. measuring average return, expected return, standard deviation, beta (regression method and covariance method), alpha, measuring covariance, correlation, meaning of a portfolio, return from a portfolio, risk of a portfolio with two or more securities. Characteristic line, Securities Market Line (SML) and Capital Market line. (CML) Problems on the topics under measuring risk and return.

Unit 2

Equity Analysis and Evaluation: Equity analysis - Fundamental analysis - economic analysis - industry analysis - company analysis - technical analysis - Random Walk theory - Dow theory - Market Breadth theory - introduction to Charts - moving averages - Supports and resistances - price patterns - Moving average oscillators – MACD - Momentum indicator - Relative strength Index.

(The students are expected to have a basic level of knowledge on matters specified in this paragraph)

Equity Valuation: Valuation Process - Estimation of free Cash flows - estimation Of Free Cash Flow To Firm (FCFF), estimation of free cash flow to equity (FCFE) Finding value of firm and equity using FCFF and FCFE - Present value valuation models - Dividend discount model - The discounted cash flow analysis - Relative valuation models - Asset valuation methods - Liquidation approach - Economic value added. Problems only on equity valuation.

Unit 3

Bonds and Bond market: Types of bonds - difference between a bond and a debenture - zero coupon bonds - deep discount bonds - Simple valuation of a bond - relationship between the coupon rate, yield and the price of the bond - premium and discount in bond pricing - perpetuity bond - convertible bonds - re-issue of bonds - Nominal yield - current yield - and yield to maturity (YTM) - Malkiel's theorems - Floating rate bonds - risk associated in investing in bonds - duration of a bond - factors that affect duration - application of duration - modified duration - convexity of bonds - bond management strategies - passive strategies active strategies - the concept of swaps and immunization—problems on the above topics.

Unit 4

CAPM and Portfolio construction Theories: Capital Assets pricing theory - Arbitrage pricing theory, approaches to portfolio construction - Markowitz model - Markowitz efficient frontier theory - The Sharpe Index model - Single index model - Sharpe's optimal portfolio. (only theory questions on the above topics)

Unit 5

Portfolio Evaluation: Sharpe's Performance Index – Treynor's Performance Index – Jensen's Performance Index - Portfolio management - active-passive - The formula plans-revising the portfolio - the revision cost. Problems on the above topics.

TEXTBOOKS:

1. Kevin - Security Analysis and Portfolio Management, PHI Publishers
2. Punithavathy Pandian - Security Analysis and Portfolio Management, Vikas Publishing House

REFERENCE BOOKS:

1. Preeti Singh – Investment Management, Security Analysis and Portfolio Management, Himalaya Publishing House
2. Bhalla – Investment Management, Security Analysis and Portfolio Management, S. Chand
3. Ranganatham, Madhumathi - Security Analysis and Portfolio Management, Pearson

23CSA603A**Enterprise Resource Planning and MIS 2 1 0 3****Objective:**

To facilitate the flow of information between all business functions inside the organization's boundaries and manage the connections to outside stakeholders.

Course outcome:

CO1: Understand the basic concepts of MIS & ERP to know about the system concepts and information system types.

CO2: To get a complete idea of how an MIS system is built and Implemented using its development life cycle.

CO3: Understand the concept of ERP Implementation, its risks, and benefits.

CO4: Identify different technologies and packages in ERP.

CO5: Discuss the relationship between e-commerce and ERP

Unit 1

System Concepts – Introduction to Information System, Management Information System.

Information Systems Development – Planning information systems, Content of the information System Master Plan, Prototyping, and life cycle approach to Application System development. Stages in the Life cycle, Evaluation of MIS.

Unit 2

Classification of Information System - Transaction processing system, office automation, DSS, ERO, Expert systems, Intranet, BPR, CRM, SCM, Information system in functional areas.

Computer networks and data processing – Data Processing Systems, Telecommunication media, Enterprise-wide Networking, The World Wide Web. Database Management, Data Warehousing, and Data Mining.

Unit 3

Introduction - History, Advantages, Basic Concepts, Risk and Benefits of ERP. Business function and business process - Integrated Management Information - Role of the Enterprise in implementing the ERP system - Business modeling.

Unit 4

ERP Packages and ERP-related Technologies.

ERP functional modules, ERP implementation basics, implementation Life cycle, Package selection, Transition Strategies, implementation process, ERP project team.

Unit 5

ERP and e-Business, e-Business – Supply chain integration, e-business Process model, Components of e-Business Supply Chain. ERP, Internet and www.

TEXTBOOKS:

1. Jawadekar - Management Information Systems Text and Cases, Tata McGraw Hill
2. Singla – Enterprise Resources Planning, Cengage Learning
3. Aman Jindal – Management Information Systems, Kalyani Publishers Mary Sumner – Enterprise Resource Planning, Pearson Education

REFERENCE BOOKS:

1. M Jaiswal - Management Information Systems, Oxford University Press
2. Dr. B. Narayan – Management Information System, APH Publishing Corporation
3. C.S.V. Murthy – Enterprise Resource Planning, Himalaya

23COM603A**Small Business and Entrepreneurship****2 1 0 3****Objective:**

To create an understanding of the importance as well as the modus operandi of small business management and entrepreneurship.

Course outcome:

CO1: Clear understanding of various types of business ownership

CO2: Equipping with the necessary awareness and skills to become an entrepreneur

CO3: Get acquainted with different aspects of management for running an enterprise successfully

CO4: Understanding of formalities and procedures for starting a business enterprise

CO5: Creates enthusiasm among students to inculcate start-ups

Unit 1

Entrepreneurship: Definition - Characteristics – Entrepreneurship and entrepreneur - Functions of entrepreneur - types of entrepreneurs - Factors affecting entrepreneurial growth – Intrapreneurs - An emerging class - Entrepreneurial motivation – Entrepreneur and enterprise - Successful entrepreneurs in India (case study)

Unit 2

Entrepreneurship and economic development; Science and technology as the fifth factor of production- Schumpeter's views of the Entrepreneur- Walker's views- Drucker's view on the entrepreneur- Individual and institutionalized entrepreneurs- Entrepreneur distinguished from other functionaries- Entrepreneurial management- Entrepreneurial strategies.

Unit 3

Small Business: An introductory framework – Concept – definition – nature and Characteristics – scope and types of small business – rationale for small business – Objectives of small business – Small business as a seedbed of entrepreneurship – Role of small business in Indian Economy – Problems and prospects of SSIs in India. The MSMED Act and its implications on small business.

Unit 4

Setting up of a small business – Basic Start Up problems - Business Incubation and Institutional Assistance - Forms of ownership - Factors affecting ownership patterns - Financing the Small Business – sources of finance- MUDRA loan as an important form of non-collateral finance.

Purchasing, Production and Operations Management: Principles of procurement – purchase procedure – Plant location, layout and design – Production planning and control – Quality Control – Technology for small business - Issues in small business marketing.

Unit 5

Growth strategies for small business – need – types of growth strategies – Diversification – Expansion – Subcontracting - Small entrepreneur in international business: Exploring export potential – basic elements of export procedure Rural entrepreneurship: Meaning – Need – Problems and prospects.

TEXTBOOKS:

1. C B Gupta, S S Khanka – Entrepreneurship and Small Business Management, Sultan Chand
2. Vasanth Desai – Management of a small-scale industry, Himalaya Publishing

REFERENCE BOOKS:

1. Vasanth Desai – Project Management, Himalaya Publishing
2. Bhatia, Batra - Entrepreneurship & Small Business Management, Deep and Deep

Rajeev Roy - Entrepreneurship, Oxford University Press

23COM635A**Advanced Auditing and Attestation - III****2 1 0 3****Objective:**

To gain knowledge of audit evidence and management

Course Outcomes:

CO1: To gain knowledge of collecting the audit evidence.

CO2: To gain knowledge in the documentation of audit.

Syllabus:**UNIT 1: Tolerable misstatement and performance materiality**

Understand the use of tolerable misstatement or performance materiality in an audit.

Determine tolerable misstatement or performance materiality for the purposes of assessing the risk of material misstatement and determining the nature, timing and extent of further audit procedures in an audit of an issuer or non-issuer.

UNIT 2: AICPA Code of Professional Conduct

Understand the principles, rules and interpretations included in the AICPA Code of Professional Conduct.

Apply the principles, rules and interpretations included in the AICPA Code of Professional Conduct to situations

Apply the Conceptual Framework for Members in Public Practice and Members in Business included in the AICPA Code of Professional Conduct to situations that could present threats to compliance with the rules included in the Code

Apply the Conceptual Framework for Independence included in the AICPA Code of Professional Conduct to situations that could present threats to compliance with the rules included in the Code.

UNIT 3: Assessing and responding to risks of material misstatement, whether due to fraud or error (continued)

Assess risks of material misstatement, whether due to fraud or error, at the financial statement level and develop a response by leveraging the combined knowledge and understanding of the engagement team.

Assess the potential impact of identified risks at the relevant assertion level for each material class of transactions, account balance and disclosure, considering the controls the auditor intends to test.

Analyze the risk of material misstatement, including the potential impact of individual and cumulative misstatements, to provide a basis for developing planned audit procedures

Use outputs from audit data analytic procedures (e.g. reports and visualizations) to identify transactions that may have a higher risk of material misstatement and interpret the results to develop planned audit procedures.

UNIT 4: Planning for and using the work of others

Identify the factors to consider in determining the extent to which an engagement team can use the work of the internal audit function, IT auditor, auditor's specialist, management's specialist or a component auditor.

Determine the nature and scope of the work of the internal audit function, IT auditor, auditor's specialist, management's specialist or component auditor.

Perform and document procedures to determine the extent to which an engagement team can use the work of the internal audit function, IT auditor, auditor's specialist, management's specialist or a component auditor.

UNIT 5: An entity's compliance with laws and regulations

Understand the accountant's responsibilities with respect to laws and regulation that have a direct effect on the determination of material amounts or disclosures in an entity's financial statements for an engagement.

Understand the accountant's responsibilities with respect to laws and regulations that are fundamental to an entity's business but do not have a direct effect on the entity's financial statements in an engagement.

Perform tests of compliance with laws and regulations that have a direct effect on material amounts or disclosures in an entity's financial statements in an engagement.

Perform tests of compliance with laws and regulations that are fundamental to an entity's business, but do not have a direct effect on the entity's financial statements for an engagement.

UNIT 6: Accounting estimates

Recognize the potential impact of lower complexity and higher complexity significant accounting estimates on the risk of material misstatement, including the indicators of management bias.

Reference Books:

1. Wiley's CPA study guide... Wiley Publications
2. Beckers CPA review resources by Becker publications

23COM636A**Advanced Auditing and Attestation - IV****2 1 0 3****Objective:**

To gain knowledge of evidence gathering in auditing and data analysis in auditing

Course Outcomes:

CO1: To gain knowledge of data analytics for auditing.

CO2: To gain knowledge of collecting data from various sources.

Syllabus:**UNIT 1: Control environment, IT general controls, and entity-level controls**

Understand the elements of an entity's control environment, including the design and implementation of IT general controls and entity-level controls.

Perform procedures to obtain an understanding of how an entity has responded to risks arising from IT, including identifying and testing the design and implementation of relevant IT general controls.

UNIT 2: Requesting, preparing, and transforming data

Explain the components of a relational database (e.g., tables, records, fields/attributes, primary and foreign keys, normalization).

Explain the characteristics and uses of different measurement scales (e.g., nominal, ordinal, interval, ratio, continuous, discrete).

Determine attribute structures, format, and sources of data needed when making a data extraction request to complete planned procedures.

Determine methods to transform (e.g., preparing, cleaning, scrubbing) data to complete planned procedures.

UNIT 3: Reliability of data and information

Perform procedures (e.g., agreeing information to original sources such as general ledger, subledger or external information sources, validating search or query criteria used to obtain data) to validate the reliability (completeness, accuracy, authenticity and susceptibility to management bias) of data and information obtained.

UNIT 4: Data analytics

Describe how to apply automated tools and techniques to process, organize, structure or present data in a given context to generate useful information that can be used as evidence.

Perform procedures using outputs (e.g., reports, visualizations) from audit data analytic techniques and types (e.g., descriptive, diagnostic) to determine relationships and trends among variables and interpret results.

UNIT 5: Sufficient appropriate evidence

Determine the sources of sufficient appropriate evidence (e.g., obtained from management specialists, obtained from external sources, developed by the audit team from internal or external sources).

Reference Books:

1. Wiley's CPA study guide... Wiley Publications
2. Beckers CPA review resources by Becker publications

23COM637A**Advanced Taxation and Regulation – I****2 1 0 3****Objective:**

To gain knowledge of taxation and regulation

Course Outcomes:

CO1: To gain knowledge of global taxation and regulation.

Syllabus:**UNIT 1: Basis of assets**

Calculate the tax basis of an asset purchased for use in a trade or business.

Calculate the tax basis of an asset converted from personal to business use.

Calculate the tax basis of property received as a gift or as an inheritance from a decedent.

Calculate the tax basis of stock acquired through a wash sale.

Calculate the basis of intangible assets, including organization costs, start-up costs and loan costs.

UNIT 2: Cost recovery (depreciation and amortization)

Calculate tax depreciation for tangible business property using MACRS, including identification of the applicable recovery period and convention.

Determine property eligible for a Section 179 deduction.

Calculate tax amortization for intangible assets.

Review a tax depreciation and amortization schedule for the current year and supporting documentation, including any source data used to create the schedule, to determine the completeness and accuracy of the expense amounts deducted for tax purposes.

Review and resolve discrepancies identified by automated diagnostic and validation checks to ensure the completeness and accuracy of the depreciation and amortization expense reported on a tax return based on the source data used to prepare the return

UNIT 3: Gross income (inclusions and exclusions)

Calculate the amounts that should be included in an individual's gross income as reported on Form 1040 – U.S. Individual Income Tax Return, including

wages, interest and dividends, guaranteed payments received from a partnership, income from a qualified retirement plan and punitive damages.

Calculate the capital gain that should be included in an individual's gross income as reported on Form 1040 – U.S. Individual Income Tax Return from transactions, including gains from the sale of investments or virtual currencies, assets received as gifts and assets received from a decedent and classify them as

long-term or short-term.

Calculate the amounts that should be excluded from an individual's gross income as reported on Form 1040 – U.S. Individual Income Tax Return, including tax-exempt interest, gifts received and life insurance proceeds.

Calculate the income reported in the year of death for a decedent on Form 1040 –

U.S. Individual Income Tax Return

Review Form 1040 – U.S. Individual Income Tax Return and supporting documentation, including any source data used to create the return, to determine the completeness and accuracy of the gross income reported.

Review and resolve discrepancies identified by automated diagnostic and validation checks to ensure the completeness and accuracy of the gross income reported on Form 1040 – U.S. Individual Income Tax Return based on the source data used to prepare the form.

UNIT 4: Reporting of items from pass-through entities

Use information provided from disregarded and pass-through entities in which an individual has an ownership interest to report ordinary business income (loss) and separately stated items on an individual's tax return.

UNIT 5: Loss limitations

Calculate the net tax loss allowed on the sale of capital property, including netting of capital gains and losses and capital loss carry forwards.

Calculate the amount of ordinary business loss allowed for an individual materially participating in the operations of a pass-through entity with sufficient basis in the entity.

Calculate losses disallowed for tax purposes, such as from a hobby, wash sale or sale of a personal-use asset.

Reference Books:

1. CPA Regulations by Becker, 4th edition, Wiley publication
2. Wiley's CPA study guide by Wiley Publications
3. Beckers CPA review resources by Beckers publications

23COM638A Advanced Financial Accounting and Reporting IV 2 1 0 3**Objective:**

To gain knowledge of advanced accounting and reporting.

Course Outcomes:

CO1: To understand various combinations and consolidations in Business Finance.

CO2: To gain knowledge of foreign currency accounting.

Syllabus:**UNIT 1: Statement of cash flows**

Recall the purpose and objectives of the statement of cash flows for a nongovernmental, not-for-profit entity.

Prepare a statement of cash flows and required disclosures using the direct method or indirect method for a nongovernmental, not-for-profit entity.

Adjust the statement of cash flows for a nongovernmental, not-for-profit entity to correct identified errors.

UNIT 2: Purpose of funds

Determine the appropriate fund(s) that a state or local government should use to record its activities

UNIT 3: Public Company Reporting Topics

Recall the purpose of forms 10-Q, 10-K, and 8-K that a U.S. registrant must file with the U.S. Securities and Exchange Commission under the Securities Exchange Act of 1934.

Identify the items of Form 10-Q (Part I Items 1 through 3) and Form 10-K

(Part II Items 7, 7A and 8) filed with the U.S. Securities and Exchange Commission.

Calculate basic earnings per share and diluted earnings per share considering the impact of stock options, preferred stock, convertible preferred stock and convertible debt.

UNIT 4: Financial Statement Ratios and Performance Metrics (continued)

Calculate solvency ratios (e.g., debt-to-equity, total debt, times interest earned).

Calculate performance metrics (e.g., EBITDA, price-to-earnings, dividend payout, asset turnover).

Calculate variances between budget and actual results

Reference Books:

1. Wiley's CPA study guide by Wiley publications
2. Beckers CPA review resource by Becker publications

SEMESTER 4

23COM611A

International Business Finance and Analysis

2 1 0 3

Objective:

To provide a detailed outlook on the concepts of international Business and Finance.

Course Outcomes:

CO1: Define and understand the drivers of globalization.

CO2: Analyse the changing dimensions of international trade and appreciate the role of trade theories in explaining trade patterns in different industries.

CO3: Apply the concepts of marketing strategies for entering international markets.

CO4: Utilize the conceptual understanding of the Balance of Payment and Trade and its relevance in India's context.

CO5: Interpret the strategies that work as a competitive advantage in industries like IT, Textiles, Gems and Jewelleries.

UNIT 1: Leases

Prepare journal entries that the seller/lessee should record for a sale and leaseback transaction.

Interpret agreements, contracts and/or other supporting documentation to determine the appropriate accounting treatment of a leasing arrangement and prepare the journal entries that the lessee should record.

UNIT 2: Public company reporting topics.

Recall public company reporting requirements of Regulation S-X and Regulation S-K.

Recall the purpose, objective and key characteristics of XBRL business reporting.

Recall the financial statement note disclosure requirements for reportable segments.

UNIT 3: Consolidated financial statements

Recall the basic functional currency concepts including the indicators to be considered when determining a subsidiary's functional currency.

Calculate foreign currency translation adjustments (local currency to functional currency and/or functional currency to reporting currency) to prepare consolidated financial statements.

Determine the appropriate presentation of foreign currency translation adjustments in the consolidated statement of comprehensive income.

TEXTBOOKS:

1. *Wiley's CPA study guide... Wiley publications*
2. *Beckers CPA review resource - Becker publications*

23COM639A**Federal Taxation and Regulation II****2103****Objective:**

To gain knowledge of federal taxes and regulation

Course Outcomes:

CO1: To understand concepts of the federal taxes.

CO2: To gain knowledge of Income Tax under federal tax regulations.

Syllabus:**UNIT 1: Audits, appeals, and the judicial process**

Explain the audit and appeals process as it relates to tax matters.

Explain the different levels of the judicial process as they relate to tax matters.

UNIT 2: Substantiation and disclosure of tax positions

Explain the audit and appeals process as it relates to tax matters.

Explain the different levels of the judicial process as they relate to tax matters.

UNIT 3: Taxpayer Penalties

Recall situations that would result in taxpayer penalties relating to tax returns.

Identify taxpayer penalties given a specific scenario.

UNIT 4: Authoritative hierarchy

Recall the appropriate hierarchy of authority for tax purposes.

UNIT 5: Federal laws and regulations (employment tax, qualified health plans, bankruptcy, worker classifications, and anti-bribery)

Summarize the federal laws and regulations for qualified health care plans, including required business mandates and premium tax credits.

Explain the federal laws and regulations related to employment taxes from both an employer and employee perspective.

Recall the factors used to determine classification of an employee versus an independent contractor

Recall the types of bankruptcy and the requirements for discharge of indebtedness.

Summarize the federal laws and regulations prohibiting bribery of foreign government officials, including payments made to generate preferential treatment from a foreign government.

Identify compliance issues with various federal laws and regulations (employment tax, qualified health plans, bankruptcy, worker classifications and anti-bribery) given a specific scenario.

Reference Books:

1. Wiley's CPA study guide by Wiley publications
2. Beckers CPA review resource by Becker publications

23COM640A**Advanced Taxation and Regulation II****2103****Objective:**

To gain knowledge of taxation and regulation

Course Outcomes:

CO1: To gain knowledge of global taxation and regulation.

CO2: To gain knowledge of Laws related to Taxes

Syllabus:**UNIT 1: Eligibility and election**

Recall eligible shareholders for an S corporation for tax purposes.

Recall S corporation eligibility requirements for tax purposes.

Identify situations in which S corporation status would be revoked or terminated for tax purposes.

UNIT 2: Determination of ordinary business income (loss) and separately stated items

Calculate ordinary business income (loss) and separately stated items for an S corporation for tax purposes

Calculate the impact of current year operations on an S corporation's accumulated adjustments account.

Review federal Form 1120S – U.S. Income Tax Return for an S Corporation and supporting documentation, including any source data used to create the return, to determine the completeness and accuracy of the classification of items as ordinary business income (loss), separately stated or non-deductible.

Review and resolve discrepancies identified by automated diagnostic and validation checks to ensure the completeness and accuracy of the ordinary business income (loss) and separately stated items reported on Form 1120S –

U.S. Income Tax Return for an S Corporation based on the source data used to prepare the form.

UNIT 3: Basis of shareholder's interest

Calculate a shareholder's stock basis in an S corporation for tax purposes resulting from business operations, cash contributions by the shareholder and cash distributions to the shareholder.

Calculate changes in a shareholder's debt basis in an S corporation resulting from current year repayment of debt

UNIT 4: Determination of ordinary business income (loss) and separately stated item

Calculate ordinary business income (loss) and separately stated items for a partnership for tax purposes, including consideration of guaranteed payments disbursed.

Review federal Form 1065 – U.S. Return of Partnership Income and supporting documentation, including any source data used to create the return, to determine the completeness and accuracy of the classification of items as ordinary business income (loss), separately stated or non-deductible.

Review and resolve discrepancies identified by automated diagnostic and validation checks to ensure the completeness and accuracy of ordinary business income (loss) and separately stated items reported on Form 1065 – U.S. Return of Partnership Income based on the source data used to prepare the form.

Reference Books:

1. Wiley's CPA study guide by Wiley publications
2. Beckers CPA review resource by Becker publications




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