



COURSE OUTCOME

BACHELOR OF ENGLISH

COURSE OUTCOME

SEMESTER I

EN1CC01 : FINE TUNE YOUR ENGLISH

- .Introduction to the basics of grammar, usage and effective communication.
- Confidently use English in both written and spoken forms.
- .Use English for formal communication effectively.

EN1CC02 : PEARLS FROM THE DEEP

- Introduction to different genres of literature
- Enable students to appreciate the themes as well as to enjoy what they are learning.
- ppreciate the aesthetic and structural elements of literature

COURSE 3 SECOND LANGUAGE

EN1CR01 : METHODOLOGY FOR STUDYING LITERATURE

- Introduction to the major signposts in the historical evolution of literary studies.
- The emergence of literature as a specific discipline with in the humanities.
- The study of shift towards contextual political critiques of literary studies.

COURSE 5 COMPLEMENTARY COURSE –POLITICS; INDIAN POLITICAL THOUGHT

- Acquaint with the fundamental texts and diverse traditions of political thought in the pre-modern and modern periods.
- Problems and prospects of studying political thought in India.
- Continuity and change in various traditions like Brahmanic and Shramanic streams of political thought.



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SEMESTER II

EN2CC03: ISSUES THAT MATTER

- Identify the major issue of contemporary significance.
- Respond rationally and positively to the issues raised.
- Internalize the values impart through the selections.

EN2CC04 : SAVOURING THE CLASSICS

- Introduction of world classics
- Become familiar with the classics from various lands across the globe.
- Able to analyse , that why a particular work called classic.

EN2CR02 : INTRODUCING LANGUAGE AND LITERATURE

- Introduction to the basics of language and literature.
- The evolution of language and literature
- The study of emergence of British and American literature through diverse periods.

COURSE 4 SECOND LANGUAGE

COURSE 5 COMPLEMENTARY COURSE-POLITICS INDIAN CONSTITUTION:

SOCIAL ISSUES IN INDIA

- .Acquaint with the constitutional design of state structures and institutions.
- .Study of state institutions in their mutual interaction, and in interaction with the larger extra constitutional environment.

SEMESTER III

EN3CC05 : LITERATURE AND/AS IDENTITY

- .Literature serve as a platform for forming, consolidating, critiquing and reworking issue of 'identity' at various levels. The emergence of life writing in different identities.
- of Indigenous and Diasporic identities with in Literature.



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- Study the fissures' the tensions, and the interstices present in South Asian regional identities.

COURSE 2 SECOND LANGUAGE

COURSE 3 EN3CR03 HARMONY OF PROSE

- Introduction to the essays of both Western and Non- Western.
- Familiar with varied prose styles of expression.
- Acquaint with eloquent expressions, brevity and aptness of voicing ideas in stylish language.

COURSE 4 EN3CR04 OF VERSE

- Acquaint the students with the rich texture of poetry in English.
- Understanding the representation of poetry in various periods of the English tradition.
- An awareness of the emerging cultural and aesthetic expressions that poetry makes possible.

COURSE 5 EN3CM03 EVOLUTION OF LITERARY MOVEMENTS: THE SHAPERS OF DESTINY.

- Make the learner aware of the way in which history shapes the life and literature of people.
- Comprehensive overview of the history of Britain and its impact upon the rest of the world.
- Understand English literature in the light of historical events.

SEMESTER IV

COURSE 1 EN4CC06 ILLUMINATIONS

- Acquaint the learners with different forms of inspiring and motivating literature
- Maintain a positive attitude in life
- Evaluate and overcome setbacks based on the insights.

COURSE 2 SECOND LANGUAGE



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COURSE 3 EN4CR05 MODES OF FICTION

- Acquaint with various modes of fiction.
- Comprehend the British and non- British short fiction, and also the novel as a form of literary expression.

COURSE 4 EN4CR06 LANGUAGE AND LINGUISTICS

- Introduction to the science of linguistics.
- Describe and explain various levels of linguistics.
- Enhance student's awareness that natural language is structure dependent.

COURSE 5 EN4CM04 EVOLUTION OF LITERARY MOVEMENTS: THE CROSS

CURRENTS OF CHANGE

- The evolution of literature and to perceive the interplay of social processes and literature.
- Understand literature against the backdrop of history.
- Inspired students to contribute dynamically to historical and literary processes.

SEMESTER V

COURSE 1 OPEN COURSE

COURSE 2 EN5CR07 ACTS ON THE STAGE

- Select theatre texts from the canon of English drama
- Familiar with the works of the playwrights.
- Able to appreciate and critique drama as an art form

COURSE 3 EN5CR08 LITERARY CRITICISM AND THEORY

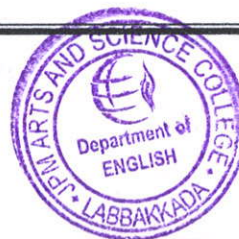
- Introduction to Literary criticism, Literary Theory and Indian Aesthetics.
- Major developments in literary criticism and literary theory
- Analyze short poetical pieces critically.

COURSE 4 EN5CR09 INDIAN WRITING IN ENGLISH

- Sensitise students in which Indian Writing in English platform for forming, consolidating, critiquing, and re-working the issue of national 'identity' at various levels.
- Distinguish the 'Indian' quotient writings from India.
- Identify the *locus standi* of diasporic Indian writers.



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COURSE 5 EN5CREN01 ENVIRONMENTAL STUDIES AND HUMAN RIGHTS

- Encourages students to research, investigate on environmental issues,
- Develop the sense of awareness among the students about the environment and to protect nature and its resources.
- Create positive attitude about the environment.

SEMESTER VI

COURSE 1 EN6CB02 MODERN MALAYALAM LITERATURE IN TRANSLATION

- Introduction of selected literature translated from Malayalam into English.
- Understanding various genres and modern trends in Malayalam literature
- Understanding experiments with form in Malayalam poems and prose.

COURSE 2 EN6CR10 POSTCOLONIAL LITERATURES

- Introduction of postcolonial subjectivity through theory and literature.
- Realise the impact of colonialism and imperialism on native cultural identities.
- Get an insight into the links between language, history and culture.

COURSE 3 EN6CR11 WOMEN WRITING

- Introduction to theoretical and literary responses by women and the concerns that govern feminist literature.
- Realize how the patriarchal notions and critically respond to literature from a feminist perspective.
- Identify how stereotypical representations of women are constructed.

COURSE 4 EN6CR12 AMERICAN LITERATURE

- Familiar with the evolution of American literature and culture.
- Understanding the heterogeneity of American culture through different works.
- Familiar with the evolution of literary movements in American Literature.

COURSE 5 EN6CR13 MODERN WORLD LITERATURE

- Understanding World literatures in very deep ways with the vicissitudes of life.
- Determine as a platform where poetics and politics fuse.



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- Understanding the notions of Major and Minor, Central and peripheral literatures is a myth.

EN6PR01 PROJECT

- Outcome of a systematic study written in lucid language.
- Topic related to literature and it's interdisciplinary.
- Bibliographic skills are developed.



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MA ENGLISH

COURSE OUTCOME

SEMESTER I

COURSE 1: PC 1- CHAUCER AND THE ROOTS OF ENGLISH

- Provide the knowledge of the growth of English language and literature up to the age of Chaucer.
- Introduction to the social cultural and intellectual background of the late Medieval period in English literature.
- Study the evolution of English from Old English to Middle English.

COURSE 2: PC 2 – WRITINGS OF THE RENAISSANCE

- Introduction to the English Renaissance
- The spirit of renaissance flowering of an entire range of literary artistic and intellectual activity.
- Renaissance texts in the light of recent theoretical inventions like New Historicism.

COURSE 3: PC 3- REVOLUTION AND THE ENLIGHTENMENT


- Familiarize the English literature of the Seventeenth Century.
- Understanding the social, cultural and intellectual climate of the period.
- Evolution of Enlightenment and the establishment of human subject.

COURSE 4: PC 4- LITERARY CRITICISM AND ACADEMIC WRITING


- Familiarize the students with the key concepts and texts of literary criticism.
- Provide practical and theoretical familiarity with the range, approaches and mechanics of academic writing.
- Enhance the ability to attempt critical appreciation and reviews

COURSE 5: PC 5- INDIAN ENGLISH LITERATURE

- Familiarize the Indian English literature.
- Questions of language, nation and aesthetic figure are studied.
- Features of Diaspora writing and socio-cultural economic and gender concerns are addressed.


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SEMESTER II

COURSE 1: PC 6- LITERATURE OF THE NINETEENTH CENTURY

- Familiarize with fundamental premises of the Romantic movement and Victorian literature.
- Identify the theoretical and ideological frameworks, the major trends and offshoots across various genres.
- Familiarize the initial flowering of Romanticism, followed by the rapid growth of industrialization and materialism.

COURSE 2: PC 7- MODERNISM IN CONTEXT

- Familiarize the literary trends of the early twentieth century.
- Analyse the sensibility of literary modernism in the wake of the World war.
- Introduction to the changed literary perspectives along with the social, economic and political background.

COURSE 3: PC 8- DIMENSIONS OF THE POSTMODERN

- Introduction to the developments in literature written in English since the 1960s.
- Understanding the representative works from experimental and metropolitan literature.
- Discussion on Postmodernism debate and the problematics of definition.

COURSE 4: PC 9- LANGUAGE AND LINGUISTICS

- Introduction to the scientific study of language.
- Introduction to the recent advances in the theory of language study.
- Understanding the levels of linguistics with modern notions and concerns.

COURSE 5: PC 10- THEORIES OF KNOWLEDGE


- Introduction to literary theory and its latest developments.
- Examines the major conceptual frameworks of literary theory.
- Makes a critical audit of theory laying bare the underlying political directions.



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SEMESTER III

COURSE 1: PC 11- AMERICAN LITERATURE

- Introduction to the evolution of American literature as an independent branch of school of literature.
- Understanding the settlers in the new world and their experiences expressed themselves in their literature.
- Understanding the emergence of black literature and other ethnic traditions.

COURSE 2: PC 12- CULTURAL STUDIES

- Introduction to the terms, analytical techniques and interpretive strategies commonly employed in Cultural Studies.
- Emphasis on overt interdisciplinary approaches to explore how cultural processes and artefacts are produced.
- Understanding the content, focus and approach determine the methodology of the field.

COURSE 3: PC 13- GENDER STUDIES

- Familiarize the emergence and growth of the notion of gender as a concept central to the reading of literature.
- Introduction to a wide variety of theoretical, critical and creative works that define and redefine the concept as it is understood in contemporary society.
- Understanding gender as a complex concept that is influenced and reshaped by history.

COURSE 4: PC 14- MODES OF FICTION

- Introduction to various modes of narrative fiction.
- Introduction to narrative fiction across centuries, continents and languages.
- Introduction to the most significant and path breaking works of creative literature.

COURSE 5: PC 15-TEXTS AND PERFORMANCE

- Understanding of the basic, structural and thematic patterns that govern the poetic process, especially in its relation to the performative or the theatrical.
- Understanding the interface between the verbal and the visual area.
- Understanding cinematic medium is a study of performance.



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SEMESTER IV

COURSE 1: PC 16- LITERATURE AND THE EMPIRE

- Introduction to the discursive nature of colonialism, and the counter-discursive impulses of postcolonial theory, narratives and performance texts.
- Acquaint with the critical- theoretical practices based on the colonial experience.
- Ability to define and use the terminology specific to colonial and postcolonial discourses.

COURSE 2: ELECTIVE: PE 01- MODERN EUROPEAN DRAMA

- Familiarize the modern European Drama in terms of topics, perspectives, and dramatic literature.
- Acquaint with the social and cultural contexts, decline of romanticism and the rise of realism and naturalism
- Understanding the rise of modernism and postmodernism in theatre

COURSE 3: ELECTIVE: PE 06- DALIT STUDIES

- Understanding the development of Dalit writing in different regions in India.
- Understanding the writings from the period of colonial modernity.
- Understanding the aspiration for dignity and political power run through Dalit writings.


COURSE 4: ELECTIVE: PE 09- MODERN EUROPEAN FICTION

- Introduction to a selection of European fiction spanning the second half of the nineteenth century and the twentieth century.
- Understanding the shades of realism and naturalism.
- Understanding the philosophical and political ideologies of the novel.

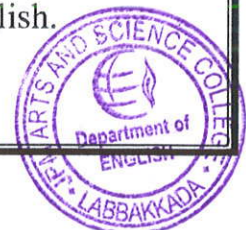
COURSE 5: ELECTIVE: PE10- ENGLISH LANGUAGE TEACHING (ELT)

- Provide the techniques of teaching English as a language.
- Understanding second language pedagogy, second- language acquisition and varieties of English.
- Developing a practical experience in the teaching of English.




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BACHELOR OF COMMERCE

COURSE OUTCOMES

B.COM Semester 1

C01CET01: DIMENSIONS AND METHODOLOGY OF BUSINESS STUDIES

- To understand business and its role in society
- To have an understanding of Business ethics and CSR
- To comprehend the business environment and various dimensions To familiarize Technology integration in business
- To introduce the importance and fundamentals of business research.

C01CRT02: FINANCIAL ACCOUNTING- I

- To equip the students with the skill of preparing accounts and financial statements of various types of business units other than corporate undertakings.
- To enable the students to learn principles and concepts of Accountancy.
- Students are enabled with the Knowledge in the practical applications of accounting.
- To find out the technical expertise in maintaining the books of accounts.

C01CRT03: CORPORATE REGULATIONS AND ADMINISTRATION



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- To familiarize the students with the management and administration of joint stock companies in India as per Companies Act, 2013.
- To impart students with the knowledge of fundamentals of Company Law and provisions of the Companies Act of 2013.
- To apprise the students of new concepts involving in company law regime.
- To develop the awareness among the students regarding these laws affecting trade business, and commerce.

C01CMT01: BANKING AND INSURANCE

- To familiarize the students with the basic concepts and practice of banking and the principles of Insurance.
- To familiar the students with the fundamentals of banking and thorough knowledge of banking operations.
- To build up the capability of students for knowing banking concepts and operations.
- To make the students aware of banking business and practices.
- To make understandable to the students regarding the new concepts introduced in the banking system

B.COM SEMESTER

C02CRT04 : FINANCIAL ACCOUNTING – II

- To acquaint the students with the preparation of books of accounts of various types of business activities and application of important accounting standards.



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- Students are enabled with the Knowledge in the practical applications of accounting.
- To find out the technical expertise in maintaining the books of accounts.
- To make the students aware about hire purchase, branch accounts, and departmental accounts.

C02CRT05 : BUSINESS REGULATORY FRAMEWORK


- The course is intended to familiarize the students with the legal framework influencing business decisions.
- The student will well verse in basic provisions regarding legal frame work governing the business world.
- To know the students with the basic concepts, terms & provisions of Mercantile and Business Laws.
- To develop the awareness among the students regarding these laws affecting trade business, and commerce.

C02CRT06 : BUSINESS MANAGEMENT


- To familiarize the students with concepts and principles of management.
- To understand the concept & functions and importance of management and its application.
- To make the student understand principles, functions and different management theories.

C02CMT02 – PRINCIPLES OF BUSINESS DECISIONS

- The course is intended to familiarize the students with the economic concepts and principles underlying business decision making


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- To arouse the students interest by showing the relevance and use of various economic theories.
- To apply economic reasoning to solve business problems.
- To familiarize the students with the basic concept of Macro Economics and its application.

B.COM SEMESTER 3

C03CRT07 : CORPORATE ACCOUNTS - I

- To make the students familiarize with corporate accounting procedures and to understand the accounting for banking companies.
- This course aims to enlighten the students on the accounting procedures followed by the Companies.
- Student's skills about accounting standards will be developed.
- To make aware the students about the valuation of shares.

C03CRT08 : QUANTITATIVE TECHNIQUES FOR BUSINESS - I

- To make the students understand the role of statistics and quantitative techniques in business and familiarize them with basic tools applied.
- To understand the different concept of population and sample and to make students familiar with Calculation of various types of averages and variation.
- To learn the applications of matrices in business.
- To make the students aware about quantitative techniques such as averages, measures of deviations, interpolation and extrapolation.

C03CRT09 : FINANCIAL MARKETS AND OPERATIONS



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- The course is intended to familiarize the students with financial market operations in India.
- Enable the students with Financial Markets and its various segments.
- To give the students and understanding of the operations and developments in financial markets in India.
- To acquaint them to gain an insight into the functioning and role of financial institutions in the Indian Economy.

C03CRT10: MARKETING MANAGEMENT

- The objective of this course is to provide a sound understanding of the basic principles of marketing management and their applications in the business and industry.
- This course enables the students, the practical knowledge and the tactics in the marketing.
- To study and critically analyze the basic concepts and trends in Marketing.
- To aware of the recent changes in the field of marketing.

C030CT01 : GOODS AND SERVICES TAX

- To give the students a general understanding of the GST law in the country with a practical perspective and employability to the students in the commercial tax practices.
- Students can understand Income Tax system properly, and can get the knowledge of different tax provisions.
- To give knowledge about preparation and Submission of GST Return, Tax collection authorities



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C030CP01: INFORMATION TECHNOLOGY FOR BUSINESS

- To make the students aware of the role of information technology in business.
- To make them capable of developing web pages for business.
- To enable students with a communication of Web page visitor using Message and Input boxes.
- To use the DOM to control the layout of HTML pages, add effects, and get information from users.

C03OCT03 : BASICS OF CO-OPERATION

- To inculcate the principles of co-operation among the students and to acquaint the students with the management and working of co-operatives.
- To identify the concepts of cooperatives banks
- To know the history of cooperation

B.COM SEMESTER 4

C04CRT11 : CORPORATE ACCOUNTS – II

- To equip the students with the preparation of financial statements of insurance companies and to understand the accounting procedure for reconstruction and liquidation of companies.



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- To impart knowledge about holding company accounts, amalgamation, absorption and reconstruction of company.
- To make the students aware about accounts of banking companies and insurance companies.

C04CRT12 : QUANTITATIVE TECHNIQUES FOR BUSINESS- II

- The objective of this course is to familiarize the students with more advanced tools of data analysis and forecasting and also to have an understanding of the fundamentals of theory of probability
- To learn the application of correlation coefficients and regression coefficients.
- To make the students aware about time series analysis, index numbers and probability.

C04CRT13 :ENTREPRENEURSHIP DEVELOPMENT AND PROJECT MANAGEMENT

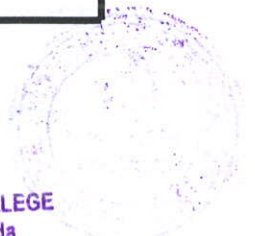
- To develop entrepreneurial spirit among students
- To empower students with sufficient knowledge to start up their venture with confidence
- To mould young minds to take up challenges and become employer than seeking employment and to make them aware of the opportunities and support for entrepreneurship in India
- To develop entrepreneurial awareness among students.



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- To motivate students to make their mind set for thinking entrepreneurship as career.

C04OCT01 : FINANCIAL SERVICES

- To provide the students with an overall idea of financial services available in the country.
- To create an understanding about recent trends in financial services sector.
- To give the students and understanding of the operations and developments in financial markets in India.
- To acquaint them to gain an insight into the functioning and role of financial institutions in the Indian Economy.

C04OCT02 : INFORMATION TECHNOLOGY FOR OFFICE

- The objective of this course is to make the students capable of managing the office activities with the help of information technology.
- To learn the skill how to use VBScript, transform Web pages from static text and images into functional, interactive, and dynamic e-commerce tools.
- To embed VBScript code in an HTML document.
- To use VBScript operators; write code that makes decisions based on existing conditions, using control structures and loops.

Code MANAGEMENT OF CO-OPERATIVE ENTERPRISES

- To familiarize the students with the principles and practice of co-operative management and administration.



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- To enable the students to identify the issues in the process of management and administration of co-operatives.
- To make the students aware about the management of cooperative enterprises.

B.COM SEMESTER 5

C05CRT14 : COST ACCOUNTING- I

- To familiarize the students with cost concepts and to make the students learn the Fundamentals of cost accounting as a separate system of accounting.
- To understand Basic Cost concepts, Elements of cost and cost sheet.
- Providing knowledge about difference between financial accounting and cost accounting.
- Ascertainment of Material and Labor Cost.
- Student's Capability to apply theoretical knowledge in practical situation will be increased.

C05CRT15 : ENVIRONMENT MANAGEMENT AND HUMAN RIGHTS

- To furnish awareness about environmental problems among people.
- Impart basic knowledge about the environment and its allied problems.
- Developing an attitude of concern for the environment.
- Acquiring skills to help the concerned individuals in identifying and solving environmental problems.

C05CRT16 : FINANCIAL MANAGEMENT

- To familiarize the students with the functional areas and principles of financial management.



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- To make the students aware about investment, dividend, financing decisions.
- To find out how to manage working capital.

C05OCT01 : INCOME TAX- I

- To familiarize the students with Income Tax Act 1961 and to enable the students to compute Income taxable under the first three heads of Income.
- To give knowledge about preparation of Audit report, Submission of Income Tax Return, Advance Tax, and Tax deducted at Source, Tax Collection Authorities under the Income Tax Act, 1961.
- To make the students aware about various heads of income under income tax ACT.
- Find out the taxable income

C05OCT02 : COMPUTERIZED ACCOUNTING

- To equip the students to meet the demands of the industry by mastering them with industry sought after computerized accounting packages.
- To expose the students to computer applications in the field of accounting.
- To develop practical skills in the application of Tally Accounting Package.

Optional Core III: CO-OPERATIVE LEGAL SYSTEMS

- To give an insight into the prevailing co-operative legal system
- To enable the students to understand the legal framework of co-operation in India and in Kerala.
- To familiarize with cooperative laws.

B.COM SEMESTER 6



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C06CRT17: COST ACCOUNTING- II

- To acquaint the students with different methods and techniques of costing.
- To enable the students to identify the methods and techniques applicable for different types of industries.
- To keep the students conversant with the ever – enlarging frontiers of Cost Accounting knowledge.
- Students can get knowledge of different methods and techniques of cost accounting.
- To impart Knowledge about the concepts and principles application of Overheads

C06CRT18 : ADVERTISEMENT AND SALES MANAGEMENT

- To make the students aware of the strategy, concept and methods of advertising and sales promotion.
- To develop awareness regarding new trends in business communication, various Medias of advertisements.
- To extend business communication skills in advertisement

C06OCT19 : AUDITING AND ASSURANCE

- To familiarize the students with the principles and procedure of auditing.
- To enable the students to understand the duties and responsibilities of auditors and to undertake the work of auditing.
- Students will be versed in the fundamental concepts of Auditing and different aspects of tax.
- To give knowledge about preparation of Audit report.



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C06CRT20 : MANAGEMENT ACCOUNTING

- To acquaint the students with management accounting techniques for the analysis and interpretation of financial statements.
- To study the basic framework of financial reporting.
- To make the students about ratio analysis for managerial decision making.

C060CT01 : INCOME TAX -II

- To have an understanding of determination of Total Income and tax payable
- To get an overview regarding returns to be filed by an individual and also assessment procedure.
- To know various authorities in income tax
- To identify the situations of penalties.

CO60CT01 : SOFTWARE FOR BUSINESS AND RESEARCH

- To impart knowledge to use IT in business research analysis.
- To develop practical skills in the applications of business software
- To make the students aware about various software's for business

Optional Core IV: ACCOUNTING FOR CO-OPERATIVE SOCIETIES

- To familiarize the students with the special features of accounting and auditing of co-operatives.
- To enable the students to understand the procedures of co-operative audit
- To make the students aware about the accounting procedures of cooperative societie



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MASTER OF COMMERCE

SEMESTER – I

CM010101 .SPECIALISED ACCOUNTING

- Providing an in depth understanding about theoretical and practical aspects of major Accounting Standards to apply the same in different practical situations.
- Ascertain the value of goodwill and value of companies based on the value of shares and compare the real value of shares and with the market prices and identify the mispricing.
- In depth understanding about the determination of purchase consideration in the event of amalgamation and to prepare post amalgamation financial statements
- Develop a clear understanding about different types of NBFCs, their provisioning norms and to understand the concept of NAV of mutual funds through its computation.
- Acquaint with the theoretical aspects of emerging areas in accounting

CM010102. ORGANISATIONAL BEHAVIOUR

- Basic understanding about the concepts of organisation behaviour.
- A very good understanding about individual behaviour, personality and motivation.
- Imparting deep understanding about group behaviour and leadership related to organisational behaviour.
- Add the knowledge base of the learner regarding change management and deal with stress.
- Impart knowledge about the role of organisational culture and conflict on organizational behavior.

CM010103 .MARKETING MANAGEMENT.

- The learner should have a basic understanding about concepts like customer centricity, CRM, value chain and customer delight.
- The learner should get a clear understanding about the market segmentation process and its applications in marketing strategies.
- Develop an idea about consumer behaviour and its impact.
- Good understanding about product line, product mix, brand equity, brand identity, brand personality and brand image.
- Develop sound ideas regarding services marketing and service quality.



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CM010104. MANAGEMENT OPTIMISATION TECHNIQUES

- Develop theoretical understanding about various business optimisation models.
- Ability to develop Linear Programming Models for business problems and Solve the same.
- Application of Linear Programming in the areas of transportation and assignment.
- Develop decision making skills under uncertainty, risk and replacement of assets.
- Understand and apply network analysis techniques for project implementation.

CM010105. METHODOLOGY FOR SOCIAL SCIENCE RESEARCH

- Develop a thorough understanding about the basic concepts of social science research.
- After completing this module, the learner should be able to formulate a research design.
- After studying the theoretical aspects of sampling design, the learner should be able to draw a sampling design.
- Detailed knowledge about the instrument development, its validation and different forms of scaling.
- Understand the technique of research reporting.

SEMESTER – II

CM010201. ADVANCED CORPORATE ACCOUNTING

- The learner should be able to prepare consolidated financial statements of group companies.
- Preparation of the financial statements of public utility companies and deal with the disposal of surplus.
- Develop and awareness on the procedure of bankruptcy under the recent Bankruptcy Procedure Code.
- Familiarising the learner with the accounting procedures of liquidation of companies and preparation of various statements required as per the Companies Act.
- Basic understanding about the preparation of accounts of some special lines of businesses like shipping, hospitals and hotels.



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CM010202 .HUMAN RESOURCE MANAGEMENT

- Acquaintance with basic concepts of HRM and performance appraisal.
- Understanding about human resource development, stress management and work life management.
- High level knowledge about various aspects of training.
- Understanding about various aspects of industrial relations so as to evaluate the real cases of industrial relations.
- Understanding about HR outsourcing HR accounting and HR audit.

CM010203 .INTERNATIONAL BUSINESS AND FINANCE

- Familiarisation with globalisation, internationalisation of business and the international business environment.
- Understanding about theories of international trade, trade barriers and trade blocks.
- Imparting idea about various economic institutions related to international trade.
- Achieve high level knowledge about various aspects of international monetary system.
- Develop an understanding about the international investment environment.

CM010204 . QUANTITATIVE TECHNIQUES

- This course intends to give understanding about the applications of quantitative techniques.
- This course intends to give understanding about the applications of quantitative techniques. 3 After learning this course, the student should be in a position to identify appropriate parametric test for testing the hypotheses.
- The learner should be equipped with the skills to identify the most suitable non parametric test for testing a hypothesis.
- 5 The learner should be equipped with the skills to apply the principles of SQC

CM010205 .STRATEGIC MANAGEMENT



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- 1 Strong understanding about the theoretical foundations of strategic management.
- 2 Clear understanding about various models of environmental and internal analysis.
- 3 Development of an idea about the strategy formulation process at the corporate level.
- 4 Familiarization with various tools strategic planning and evaluation.
- 5 Understanding about the modes of implementation and control of strategies.

SEMESTER - III

CM010301 .STRATEGIC FINANCIAL MANAGEMENT

- Learn the theoretical foundations of financial management and financial management decisions.
- Evaluate the feasibility of different options regarding discount, credit period, storage cost etc related to current assets and current liabilities and estimate working capital requirements.
- Evaluate long term proposals and evaluate the risk associated with long term investment. 4 Evaluate the decisions regarding leasing of capital assets.
- Evaluate and Compare the performance of business entities.

CM010302 . INCOME TAX - LAW AND PRACTICE

- Acquire knowledge regarding the basic concepts of Income Tax.
- Able to compute the income from salary and house property.
- Determine taxable profit of a business or profession.
- Able to compute capital gain and income from other sources.
- Able to calculate Gross Total Income of an individual.
- Learner shall be able to determine eligible deductions and compute Taxable Income and tax liability of an individual.

CM010303. SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT

- Able to understand the concepts of investments, different types of investments, views of investment and process of investment and apply the theoretical knowledge in investment information for selecting the securities.
- Understanding the types of risk in security market and Applying various tools for the valuation of bonds as well as economic indicators to predict the market.
- Understand the tools of technical analysis, analyse the patterns and trends in the market by using various tools and enable to take vestment decisions after understanding market efficiency level also.

Applying Modern portfolio theories and construct optimum portfolios.



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CM800301 .INDIRECT TAX LAWS

- Understand the basic concepts of the Goods and Services Tax
- Develop a clear idea about the levy and collection of tax and tax credit
- Develop the knowledge about the provisions regarding registration , preparations of books of accounts and filing of returns under the Act
- Understand about the powers of GST authorities regarding inspection, search and seizure
- Basic understanding about the Customs Law in India.

CM810301. LOGISTICS AND SUPPLY CHAIN MANAGEMENT

- To have an understanding on the concept of logistics, the elements involved, logistics management and principles
- Learner should be able to have an idea regarding various demand forecasting techniques
- After learning the module, there shall be an understanding on transportation process and major documents involved in air and ocean logistics management
- To get a clear idea on supply chain management, its process and evaluate the strategies involved
- To have an idea regarding warehousing, its importance and analyse the role of computers in modern day warehousing
- To have an overview on various trends and developments taking place in the field of logistics and supply chain management.

CM820301 .TOTAL QUALITY MANAGEMENT

- Develop the idea regarding quality and quality management
- Understand the contribution to quality gurus
- Procure knowledge about TQM principles
- Develop an idea regarding the tools of quality
- Get insight into the concepts and application of six sigma concept and TPM
- Develop idea regarding ISO, BIS and quality standards




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SEMESTER - IV

CM010401 .ADVANCED COST AND MANAGEMENT ACCOUNTING

- Apply activity based absorption methods instead of conventional absorption method.
- Apply the marginal costing principles in decision making situations of businesses.
- Dealing with practical cases of pricing decisions in different situations
- Understand the concepts of standard costing, and the process of cost control through it.
- Deal with the practical issues related to transfer pricing

CM010402. INCOME TAX – ASSESSMENT & PROCEDURES

- Compute the total income and tax liability of firms and Association of Persons
- Carry out assessment of companies and determine their tax liability
- Make the assessment of co operative societies and trusts.
- Understanding about the assessment procedures, TDS and advance payment of tax and application in various situations
- Learn tax planning concepts and apply the same

CM800401 .DERIVATIVES AND RISK MANAGEMENT

- Knowledge about the derivative market in India, its evolution, types, players, risks involved and basic quantitative foundations
- Analyze the implications of Risk in the perception of individuals and Institutions and measurement of risks
- Understand and explain the concept of forward market and its function ,
- Analyse the operation and pricing of various types of futures
- Understand the concepts and methodology of option trading and apply the models of pricing the option contracts
- Develop an idea of exchanges through swaps

CM800402 .PERSONAL INVESTMENT AND BEHAVIOURAL FINANCE



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- Understand the meaning and significance of Financial literacy, Financial Discipline & Financial Competency, the role of family and parents in financial socialisation
- Understand and Evaluate the Significance of savings on financial destiny and its relationship with Consumerism and to understand the different elements/steps in Personal Financial Planning to attain Financial Well Being and Evaluate the different retail investment avenues.
- Know the meaning of Behavioural Finance, its evolution and related theories
- To understand different Heuristics, Biases and other Irrational Investment Behaviours
- Understand the relationship between biases and to adopt techniques to lower the impact of biases

CM810401 .RETAIL AND RURAL MARKETING

- Understanding on the concept and structure of retail marketing and its status in India
- Idea regarding the various formats prevailing in retail sector and the setting up and functioning of retail stores
- Understand the marketing mix available for retail marketing and the various aspects of HRM applicable for retailing
- Develop an idea on emerging trends of retailing in India
- understanding regarding rural markets and marketing, its structure in India and the process and importance of agricultural marketing
- Understand the elements of marketing mix applicable in rural marketing, the role of FMCG in rural markets and also the emerging trends in rural markets in India.

Course Code	CM810402
Title of the Course	INTERNATIONAL MARKETING

1	Understanding on international marketing and environment.	Understand	PSO1, 4
2	To understand the various aspects in connection with product planning and development in international scenario.	Understand	PSO 1, 4
3	Get an idea regarding Segmentation, targeting, positioning in global market and international	Understand and apply	PSO1, 4



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	pricing strategies		
4	Acquaintance with international logistics, mode of entry and promotional measures	Understand	PSO1, 4
5	Develop an understanding regarding research in international marketing and terms of payments as well as inco terms	Understand	PSO1, 4
6.	Get an overview on risk in international market, aspects of international marketing and global e-marketing .	Understand	PSO1, 4

Course Code		CM820401	
Title of the Course		E-COMMERCE AND E-BUSINESS MANAGEMENT	
1	Understand the concept of E commerce	Understand	PSO1, 4
2	Understand E business and its modules	Understand	PSO1, 4
3	Develop a knowledge about E- marketing techniques	Understand	PSO1, 4
4	Develop an idea relating to E- business technology and CRM	Understand	PSO1, 4
5	Understand the E- banking concepts	Understand	PSO1, 4
6	Get an idea regarding application of technology in banking services and also the impact of ecommerce and e business in India.	Understand and analyse	PSO1, 4

Course Code		CM820402	
Title of the Course		LEGAL FRAMEWORK FOR IT BASED BUSINESS AND INTELLECTUAL PROPERTY RIGHTS	
1	Providing an awareness regarding concept of cyberspace and legislations involved	Understand	PSO1, 4
2	Developing idea regarding cybercrime and consequences	Understand	PSO1, 4
3	Understanding about IT Act and IT Security as well as standards	Understand	PSO1, 4
4	Getting knowledge about Intellectual property rights	Understand	PSO1, 4
5	Developing understanding about E contracts	Understand	PSO1, 4
6	Gain awareness regarding procedural formalities and impact with relation to IPR.	Understand and analyse	PSO1, 4

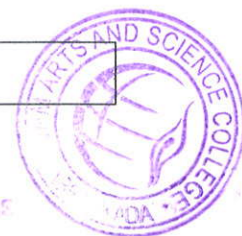
Course Code	CM010403
Title of the Course	PROJECT REPORT

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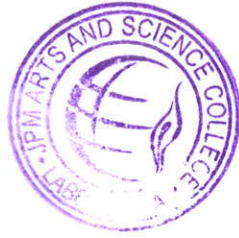
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1	Quality Research Output and presentation	Evaluate, Analyse and Apply	PSO3, 4 and PO3,5,6

Course Code		CM010404	
Title of the Course		COMPREHENSIVE VIVA	
1	The learner should have the capacity to communicate his/her understanding in various subjects studied.	Remember, Evaluate & Analyse	PSO1 to 6 and PO5

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BACHELOR OF COMPUTER APPLICATION

COURSE OUTCOMES

SEMESTER-I

CA1CRT02: METHODOLOGY OF PROGRAMMING AND C LANGUAGE

- In-depth understanding of various concepts of C language.
- Ability to read, understand and trace the execution of programs.
- Skill to debug a program.
- Skill to write program code in C to solve real world problems.
- To enable the students to make flowchart and design an algorithm for a given problem.
- To enable the students to develop logics and programs.


CA1CRT01: COMPUTER FUNDAMENTALS AND DIGITAL PRINCIPLES

- Familiarization with the terms like Operating System, peripheral devices, networking, multimedia, internet etc.
- Ability to use internet for searching information on web, sending e-mails and many other tasks.
- To understand working of basic input and output devices.
- To learn about the binary number representation along with its operations.
- To give detailed knowledge of MS-Office.
- To give an in-depth understanding of role of computers in business, education and society.

SUBJECT: MATHEMATICS

- Develops formal reasoning.
- Creates habit of raising questions.
- Knowledge regarding the use of Discrete Mathematics in Computer Science.
- Helpful in formulating questions.
- Ability to communicate knowledge, capabilities and skills related to the computer engineer profession.




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SUBJECT: STATISTICS SUBJECT

- Skill to choose and apply appropriate numerical methods to obtain approximate solutions to difficult mathematical problems.
- Ability to apply various statistical techniques such as Measures of Central Tendency and Dispersion.
- Understanding of relationship between variables using the method of Correlation and Trend Fit Analysis.
- Skill to execute programs of various Numerical Methods and Statistical Techniques for solving mathematical problems.
- To impart knowledge of various statistical techniques.
- To develop students' understanding through laboratory activities to solve problems related to above stated concepts.

SUBJECT: FINE TUNE YOUR ENGLISH

- **Reading Skills:-** Ability to read English with ability to read English with understanding and decipher paragraph patterns, writer techniques and conclusions.
- **Writing Skills:-** Skill to develop the ability to write English correctly and master the mechanics of writing the use of correct punctuation marks and capital letter.
- **Listening Skills:-** Ability to understand English when it is spoken in various contexts.
- **Speaking Skills:-** Develop the ability to speak intelligibly using appropriate word stress, sentence stress and elementary intonation patterns.
- To enable the learner to communicate effectively and appropriately in real life situation. To use English effectively for study purpose across the curriculum.
- To revise and reinforce structure already learnt.



SEMESTER-II


CA2CRT05: OBJECT ORIENTED PROGRAMMING USING C++


- Familiarization with a widely used programming concept – Object Oriented Programming and develop logical thinking.
- Skill to write codes in C++ by applying concept of OOP, such as Objects, Classes, Constructors, Inheritance etc., to solve mathematical or real-world problem.
- Ability to isolate and fix common errors in C++ programs.
- To give an overview of benefits of Object-Oriented Programming (OOP) approach over the Traditional Programming approach.
- To deliver comprehensive view of OOP concept.
- To impart detailed knowledge of a powerful object-oriented programming language – C++.

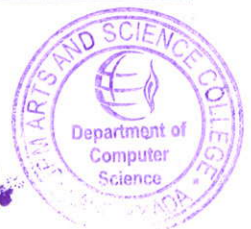
CA2CRT04: COMPUTER ORGANIZATION AND ARCHITECTURE

- Skill to build and troubleshoot digital logic circuits.
- Familiarization with semiconductor memories in electronics.
- given an introduction to digital computer and their fundamental architectures.
- Able to define the function units of computer architecture
- Input and Output peripheral devices and their communication with the rest of the computer components.
- Able to find the various instruction type and addressing modes used for programming
- Functionalities and organization of processor units and their types.
- Able to understand the basic programming unit and execution of instruction
- Grasp the different secondary storage devices




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SUBJECT: DISCREAT

- Develops formal reasoning.
- Creates habit of raising questions.
- Knowledge regarding the use of Discrete Mathematics in Computer Science.
- Helpful in formulating questions.
- Ability to communicate knowledge, capabilities and skills related to the computer engineer profession.
- To understand and solve discrete mathematical problems.

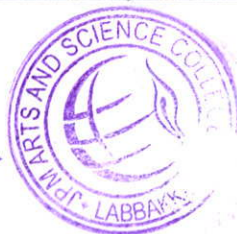
CA2CRT03: DATA BASE MANAGEMENT SYSTEM

- Give an introduction about DBMS, data models, a schema, E-R diagram, relational database and benefits of database.
- Able to design a good database using normalization, decomposition and functional dependency
- Understand the concepts of database architecture, client server architecture, parallelism concepts and distributed database concepts
- Learn about indexes, sequences, data integrity, creating and maintaining tables and user privileges
- To impart knowledge regarding relevant topics such as set Theory, basic logic, graphs, trees or discrete probability.
- Understand the basic concepts of PL/SQL programming, cursors, triggers, packages, procedures, functions and transactions

SEMESTER-III

CA3CRT06: COMPUTER GRAPHICS

- Knowledge of working of display systems.
- Skill to execute various Scan Conversion algorithms in laboratory so as to draw Graphics primitives.



- Familiarization with 2D and 3D graphics.
- Develop creativity to create 2D objects.
- Ability to implement 2D geometric transformations on computer system.
- Models for this.


SUBJECT: ADVANCED STATISTICAL METHOD


- How to calculate and apply measures of location and measures of dispersion -- grouped and ungrouped data cases.
- How to apply discrete and continuous probability distributions to various business problems.
- Perform Test of Hypothesis as well as calculate confidence interval for a population parameter for single sample and two sample cases. Understand the concept of p-values.
- Learn non-parametric test such as the Chi-Square test for Independence as well as Goodness of Fit.
- Dealing with statistical concepts including measures of central tendency and dispersion, probability distributions, the Central Limit Theorem, Sampling, Estimation, Hypothesis testing, Analysis of Variance, Correlation and Regression analysis, Multiple Regression and Statistical Forecasting.

CA3CRT09: DATA STRUCTURES USING C++

- To introduce the concepts of Abstract data Type, data structure, performance measurement, time and space complexities of algorithms.
- To discuss the implementation linear data structures such as stacks, queues and lists and their applications.
- To discuss the implementation of different non-linear data structures such as trees and graphs.
- To introduce various search data structures such as hashing, binary search trees, red black trees, splay trees and b-trees.
- To introduce various internal sorting techniques and analyse their time complexities.
- Apply Algorithm for solving problems like sorting, searching, insertion and deletion of data




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CA3CRT07: MICROPROCESSOR AND PC HARDWARE

- Apply the fundamentals of assembly level programming of microprocessors.
- Build a program on a microprocessor using arithmetic & logical instruction set of 8086.
- Develop the assembly level programming using 8086 loop instruction set.
- Write programs based on string and procedure for 8086 microprocessors.
- Analyze abstract problems and apply a combination of hardware and software to address the problem
- Design structured, well commented, understandable assembly language programs to provide solutions to real world control problems

CA3CRT08: OPERATING SYSTEMS

- Understand the process management policies and scheduling of processes by CPU
- Evaluate the requirement for process synchronization and coordination handled by operating system
- Describe and analyze the memory management and its allocation policies.
- Identify use and evaluate the storage management policies with respect to different storage management technologies.
- Identify the need to create the special purpose operating system.
- To study the need for special purpose operating system with the advent of new emerging technologies

SEMESTER-IV

CA4CRT10: DESIGN AND ANALYSIS OF ALGORITHMS

- Students who complete the course will have demonstrated the ability to do the following:
- Argue the correctness of algorithms using inductive proofs and invariants.
- Analyze worst-case running times of algorithms using asymptotic analysis describe the divide-and-conquer paradigm and explain when an algorithmic design situation calls for it. Recite algorithms that employ this paradigm. Synthesize divide-and-conquer algorithms. Derive and solve recurrences



describing the performance of divide- and-conquer algorithms.

- Describe the dynamic-programming paradigm and explain when an algorithmic design situation calls for it. Recite algorithms that employ this paradigm. Synthesize dynamic- programming algorithms, and analyze them.
- Describe the greedy paradigm and explain when an algorithmic design situation calls for it. Recite algorithms that employ this paradigm. Synthesize greedy algorithms, and analyze them.
- Explain the major graph algorithms and their analyses. Employ graphs to model engineering problems, when appropriate. Synthesize new graph algorithms and algorithms that employ graph computations as key components, and analyze them.
- Explain the different ways to analyze randomized algorithms (expected running time, probability of error). Recite algorithms that employ randomization. Explain the difference between a randomized algorithm and an algorithm with probabilistic inputs.


SUBJECT: OPERATIONAL RESEARCH

- Analyze any real-life system with limited constraints and depict it in a model form. Convert the problem into a mathematical model.
- Solve the mathematical model manually as well as using soft resources/software such as solver, TORA etc.
- Understand variety of problems such as assignment, transportation, travelling salesman etc.
- Solve the problems mentioned in point 4 using linear programming approach using software.
- Understand different queuing situations and find the optimal solutions using models for different situations.
- Simulate different real-life probabilistic situations using Monte Carlo simulation technique.

CA4CRT11: SYSTEM ANALYSIS AND SOFTWARE ENGINEERING

- Define various software application domains and remember different process




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model used in software development.

- Explain needs for software specifications also they can classify different types of software requirements and their gathering techniques.
- Convert the requirements model into the design model and demonstrate use of software and user interface design principles.
- Distinguish among SCM and SQA and can classify different testing strategies and tactics and compare them.
- Justify role of SDLC in Software Project Development and they can evaluate importance of Software Engineering in PLC.
- To know basics of testing and understanding concept of software quality assurance and software configuration management process.

CA4CRT12: LINUX ADMINISTRATION

- Web programming using PHP Subject Code: students will be able carry the duties of a Unix system administrator.
- Understand the role and responsibilities of a Unix system administrator install and configure the Linux operating system
- Manage the resources and security of a computer running Linux at a basic level
- Make effective use of Unix utilities, and scripting languages
- Students will learn to do file processing, process management, IO management, queues management, networking, storage backup, account management, proper system start-up and shutting down, as well as other tasks.

CA4CRT13

- Students are able to develop a dynamic webpage by the use of java script and DHTML.
- Students will be able to write a well formed / valid XML document.
- Students will be able to connect a java program to a DBMS and perform insert, update and delete operations on DBMS table.
- Students will be able to write a server side java application called Servlet to catch form data sent from client, process it and store it on database.
- Students will be able to write a server side java application called JSP to catch form data sent from client and store it on database.
- Students will gain the skills and project-based experience needed for entry into web



application and development careers.

SEMESTER:V

CA5CRT14: COMPUTER NETWORKS

- Knowledge of uses and services of Computer Network.
- Ability to identify types and topologies of network.
- Understanding of analog and digital transmission of data.
- Familiarization with the techniques of Network Security.
- To understand the design issues and working of each layer of OSI model.
- To familiarize with the benefits and issues regarding Network Security.


CA5CRT16: JAVA PROGRAMMING LANGUAGE

- Skill to write Java application programs using OOP principles and proper program structuring.
- Ability to create packages and interfaces.
- Ability to implement error handling techniques using exception handling.
- To learn the syntax and semantics to write Java programs.
- To understand the fundamentals of object-oriented programming in Java.
- To familiarize with the concept of inheritance, polymorphism, packages and interfaces.

CA5CRT15: IT AND ENVIRONMENT

- Describe awareness among stakeholders and promote green agenda and green initiatives in their working environments leading to green movement
- Identify IT Infrastructure Management and Green Data Centre Metrics for software development Recognize Objectives of Green Network Protocols for Data communication.
- Use Green IT Strategies and metrics for ICT development.
- Illustrate various green IT services and its roles.
- To understand how data centres, cloud computing, storage systems, software and networks can be made greener.
- To measure the Maturity of Sustainable ICT world
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SUBJECT: COMPUTER FUNDAMENTALS, INTERNET AND MS OFFICE

- The course introduces you to fundamental 'Computer Literacy' concepts.
- Give students an in-depth understanding of why computers are essential components in business, education and society. -Introduce the fundamentals of computing devices and reinforce computer vocabulary, particularly with respect to personal use of computer hardware and software, the Internet, networking and mobile computing. -
- Recognize when to use each of the Microsoft Office programs to create professional and academic documents.

- Use Microsoft Office programs to create personal, academic and business documents following current professional and/or industry standards.
- Apply skills and concepts for basic use of computer hardware, software, networks, and the Internet in the workplace and in future coursework as identified by the internationally accepted Internet and Computing Core (IC3) standards
- Introduces the basic features of Microsoft Office, Windows basics, and file management. Develops familiarity with Word, Excel, Access, PowerPoint, email, and Internet basics..

SEMESTER-VI

CA6PET01: DATAMINING

- To identify the scope and essentiality of Data Warehousing and Mining.
- To analyze data, choose relevant models and algorithms for respective applications.
- To study spatial and web data mining.
- To develop research interest towards advances in data mining.
- Compare and evaluate different data mining techniques like classification, prediction, clustering and association rule mining
- Describe complex data types with respect to spatial and web mining.
- Benefit the user experiences towards research and innovation integration.



CA6CRT17: CLOUD COMPUTING

- Define Cloud Computing and memorize the different Cloud service and deployment models
- Describe importance of virtualization along with their technologies.
- Use and Examine different cloud computing services
- Analyze the components of open stack & Google Cloud platform and understand Mobile Cloud Computing
- To implement Virtualization
- To implement Task Scheduling algorithms.

CA6CRT18: MOBILE APPLICATION DEVELOPMENT ANDROID

- Experiment on Integrated Development Environment for Android Application Development. Design and Implement User Interfaces and Layouts of Android App.
- Use Intents for activity and broadcasting data in Android App. Design and Implement Database Application and Content Providers.
- Experiment with Camera and Location Based service.
- Develop Android App with Security features.
- To learn how to use intents to broadcast data within and between Applications.
- To use Content providers and Handle Databases using SQLite.
- To introduce Android APIs for Camera and Location Based Service.

CA6CRP08: PROJECT

- Skill to apply Software Development Cycle to develop a software module.
- Ability to use the techniques, skills and modern engineering tools necessary for software development.
- Develop a software product along with its complete documentation.
- To learn languages to code front end and back end of a software.
- To initiate into the process of designing, coding and testing a software module.
- To develop a complete software module



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M.Sc. COMPUTER SCIENCE

Course Objectives and Outcomes MSc. Computer Science

Semester I

Subject: Computational Mathematics(Core)

Subject Code: CA500101

Periods per week: 4

Practicals per week: 0

Duration of period: 55 minutes **Credits:** 4

Course Outcomes

- **CO1:** Explain the fundamental concepts of a special topic in computational mathematics and its role in modern mathematics and applied contexts.
- **CO2:** Demonstrate accurate and efficient use of specific computational mathematics techniques.
- **CO3:** Demonstrate capacity for mathematical reasoning through analysing, proving and explaining concepts from computational mathematics.

Subject: Advanced web Technology(Core)

Subject Code: CA010101

Periods per week: 4

Practicals per week: 0

Duration of period: 55 minutes **Credits:** 4

Course Outcomes

- **CO1:** Students are able to develop a dynamic webpage by the use of java script and DHTML.
- **CO2:** Students will be able to write a well-formed / valid XML document.
- **CO3:** Students will be able to connect a java program to a DBMS and perform insert, update and delete operations on DBMS table.
- **CO4:** Students will be able to write a server side java application called Servlet to catch form data sent from client, process it and store it on database.
- **CO5:** Students will be able to write a server side java application called JSP to catch form data sent from client and store it on database.

Subject: Operating Systems(Core)

Subject Code: CA010102

Periods per week: 4


Practicals per week: 0


Duration of period: 55 minutes **Credits:** 4

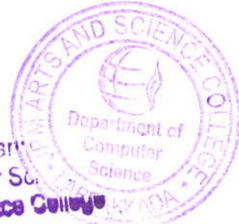
Course Outcomes

- **CO1:** To study the process management and scheduling.
- **CO2:** To understand various issues in Inter Process Communication (IPC) and the role of OS in IPC. To understand the concepts and implementation Memory management policies and virtual memory.




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- **CO3:**To understand the working of an OS as a resource manager, file system manager, process manager, memory manager and I/O manager and methods used to implement the different parts of OS .
- **CO4:**To study the need for special purpose operating system with the advent of new emerging technologies

Subject: Advanced Java Programming(Core)

Subject Code: CA500102

Periods per week: 3

Practicals per week: 0

Duration of period: 55 minutes **Credits:** 3

Course Outcomes

- **CO1:**Develop Swing-based GUI
- **CO2:**Develop client/server applications and TCP/IP socket programming
- **CO3:**Update and retrieve the data from the databases using SQL
- **CO4:**Develop distributed applications using RMI
- **CO5:**Develop component-based Java software using JavaBeans
- **CO6:**Develop server side programs in the form of servlets

Subject: Lab I [Java& PHP] (Core)

Subject Code: CA010103

Periods per week: 10

Practicals per week: 10

Duration of period: 55 minutes **Credits:** 4

Course Outcomes

- **CO1:**To practice client side and server side scripting.
- **CO2:**To practice Java and PHP Programming.
- **CO3:**To practice developing dynamic websites.
- **CO4:**To practice how to interact with databases through PHP.

Semester II

Subject: Advanced Data Structures(Core)

Subject Code: CA500201

Periods per week: 4

Practicals per week: 0

Duration of period: 55 minutes **Credits:** 4

Course Outcomes

- **CO1:**design and analyze programming problem statements.
- **CO2:**choose appropriate data structures and algorithms, understand the ADT/libraries, and use it to design algorithms for a specific problem.
- **CO3:**understand the necessary mathematical abstraction to solve problems.
- **CO4:**come up with analysis of efficiency and proofs of correctness



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- **CO5:**comprehend and select algorithm design approaches in a problem specific manner.

Subject: Computer Networks(Core)

Subject Code: CA010201

Periods per week: 4

Practicals per week: 0

Duration of period: 55 minutes **Credits:** 4

Course Outcomes

- **CO1:**Understand and describe the layered protocol model.
- **CO2:**Describe, analyse and evaluate a number of datalink, network, and transport layer protocols.
- **CO3:**Program network communication services for client/server and other application layouts.
- **CO4:**Describe, analyse and evaluate various related technical, administrative and social aspects of specific computer network protocols from standards documents and other primary materials found through research.
- **CO5:**Design, analyse, and evaluate networks and services for homes, data centres, IoT/IoE, LANs and WANs.

Subject: Research Methodology and Technical Writing(Core)

Subject Code: CA010202

Periods per week: 3

Practicals per week: 0

Duration of period: 55 minutes **Credits:** 3

Course Outcomes

- **CO1:**Students will understand and know how to follow the stages of the writing process (prewriting/writing/rewriting) and apply them to technical and workplace writing tasks.
- **CO2:**Students will be able to produce a set of documents related to technology and writing in the workplace and will have improved their ability to write clearly and accurately.
- **CO3:**Students will understand the basic components of definitions, descriptions, process explanations, and other common forms of technical writing.
- **CO4:**Students will be familiar with basic technical writing concepts and terms, such as audience analysis, jargon, format, visuals, and presentation.
- **CO5:**Students will be able to read, understand, and interpret material on technology. They will have an appreciation for some of the ideas, issues, and problems involved in writing about technology and in workplace writing.

Subject: Database Management system and SQL (Core)

Subject Code: CA500202

Periods per week: 4

Practicals per week: 0

Duration of period: 55 minutes **Credits:** 4



Course Outcomes

- **CO1:** Understand database concepts and structures and query language
- **CO2:** Understand the E R model and relational model
- **CO3:** To design and build a simple database system and demonstrate competence with the fundamental tasks involved with modeling, designing, and implementing a DBMS.
- **CO4:** Understand Functional Dependency and Functional Decomposition.
- **CO5:** Apply various Normalization techniques
- **CO6:** Perform PL/SQL programming using concept of Cursor Management, Error Handling, Package and Triggers
- **CO7:** Execute various advance SQL queries related to Transaction Processing & Locking using concept of Concurrency control.

Subject: Lab II [DS using Java, SQL](Core)

Subject Code: CA010203

Periods per week: 10

Practicals per week: 10

Duration of period: 55 minutes **Credits:** 4

Course Outcomes

- **CO1:** Introduce the concept of data structures through ADT including List, Stack, Queues.
- **CO2:** To design and implement various data structure algorithms.
- **CO3:** To introduce various techniques for representation of the data in the real world.
- **CO4:** To develop application using data structure algorithms.

Semester III

Subject: Digital Image Processing (Core)

Subject Code: CA010301

Periods per week: 4

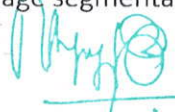
Practicals per week: 0



Duration of period: 55 minutes **Credits:** 4

Course Outcomes

- **CO1:** Review the fundamental concepts of a digital image processing system.
- **CO2:** Analyse images in the frequency domain using various transforms.
- **CO3:** Evaluate the techniques for image enhancement and image restoration.
- **CO4:** Categorize various compression techniques.
- **CO5:** Interpret Image compression standards.
- **CO6:** Interpret image segmentation and representation techniques.




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Subject: Python Programming(Core)

Subject Code: CA010302

Periods per week: 4

Practicals per week: 0

Duration of period: 55 minutes **Credits:** 4

Course Outcomes

- **CO1:**To acquire programming skills in core Python.
- **CO2:**To acquire Object Oriented Skills in Python.
- **CO3:**To develop the skill of designing Graphical user Interfaces in Python.
- **CO4:**To develop the ability to write database applications in Python

Subject: Software Engineering(Core)

Subject Code: CA500301

Periods per week: 4

Practicals per week: 0

Duration of period: 55 minutes **Credits:** 4

Course Outcomes

- **CO1:**How to apply the software engineering lifecycle by demonstrating competence in communication, planning, analysis, design, construction, and deployment
- **CO2:**An ability to work in one or more significant application domains
- **CO3:**Work as an individual and as part of a multidisciplinary team to develop and deliver quality software
- **CO4:**Demonstrate an understanding of and apply current theories, models, and techniques that provide a basis for the software lifecycle
- **CO5:**Demonstrate an ability to use the techniques and tools necessary for engineering practice

Subject: Lab III [DIP using Python](Core)

Subject Code: CA010303

Periods per week: 5

Practicals per week: 5

Duration of period: 55 minutes **Credits:** 2

Course Outcomes

- **CO1:**Review the fundamental concepts of a digital image processing system.
- **CO2:**Analyze images in the frequency domain using various transforms.
- **CO3:**Evaluate the techniques for image enhancement and image restoration.
- **CO4:**Categorize various compression techniques.
- **CO5:**Interpret Image compression standards.
- **CO6:**Interpret image segmentation and representation techniques.



Subject: Mini Project using IOT

Subject Code: CA010304

Periods per week: 4

Practicals per week: 4

Duration of period: 55 minutes **Credits:** 2

Course Outcomes

- **CO1:** Learn the basics of Internet of Things and its applications
- **CO2:** Work with water flow meter, PIR sensor, LDR sensor, DHT sensor, soil moisture sensor
- **CO3:** Setup IoT connectivity using a remote desktop
- **CO4:** Develop your own Android App
- **CO5:** Develop and test an IoT weather monitoring station
- **CO6:** Develop and test an IoT based smart irrigation system
- **CO7:** Develop and test an IoT based Smart Water Monitoring System
- **CO8:** Develop and test an IoT based Smart Building using PIR
- **CO9:** Develop and test an IoT based Automated Street Lighting System

Subject: Introduction to Cyber Security(Elective I)

Subject Code: CA800301

Periods per week: 4

Practicals per week: 0

Duration of period: 55 minutes **Credits:** 4

Course Outcomes

- **CO1:** able to examine secure software development practices.
- **CO2:** will understand principles of web security.
- **CO3:** able to incorporate approaches for incident analysis and response.
- **CO4:** able to incorporate approaches for risk management and best practices.
- **CO5:** gain an understanding of cryptography, how it has evolved, and some key encryption techniques used today.
- **CO6:** develop an understanding of security policies (such as confidentiality, integrity, and availability), as well as protocols to implement such policies.

Semester IV

Subject: Data Mining

Subject Code: CA010401

Periods per week: 5

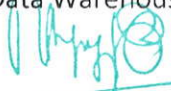
Practicals per week: 0

Duration of period: 55 minutes **Credits:** 4

Course Outcomes

- **CO1:** Understand Data Warehouse fundamentals, Data Mining Principles




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- CO2:Design data warehouse with dimensional modelling and apply OLAP operations.
- CO3:Identify appropriate data mining algorithms to solve real world problems
- CO4:Compare and evaluate different data mining techniques like classification, prediction, clustering and association rule mining
- CO5:Describe complex data types with respect to spatial and web mining.

Subject: Project

Subject Code: CA010402

Periods per week: 10

Practicals per week: 10

Duration of period: 55 minutes **Credits:** 8

Course Outcomes

- CO1:Be able to use the HTML programming language
- CO2:Resolves written HTML codes.
- CO3:Runs the page he/she has designed using HTML codes
- CO4:Be able to use the Design Programs.
- CO5:Uses the program Web Page Maker
- CO6:Designs site and page via Web Page Maker programme
- CO7:Publishes the site he/she designed
- CO8:Uses Domain Name and services.
- CO9:Be able to make changes on the Site.
- CO10:Updates on the site when needed.

Subject: Data Analytics (Elective II)

Subject Code: CA810403

Periods per week: 5

Practicals per week: 0

Duration of period: 55 minutes **Credits:** 4

Course Outcomes

Students will be able to:

- CO1: Perform different types of data analysis
- CO2: Perform different clustering techniques
- CO3: Perform different types of mining techniques.
-

Subject: Advanced Python Programming (Electives III)

Subject Code: CA820402

Periods per week: 5

Practicals per week: 0

Duration of period: 55 minutes **Credits:** 4

Course Outcomes

- CO1:Understand basic concepts of Python Programming.



- CO2: Understand database interactions.
- CO3: Understand GUI based programming.
- CO4: Understand appropriate learning rules for each of the architectures and learn several neural network paradigms and its applications
- CO5: Reveal different applications of these models to solve engineering and other problems.



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**BACHELOR OF BUSINESS
ADMINISTRATION**

COURSE OUTCOME

SEMESTER-1

BAICRT01 – PRINCIPLES AND METHODOLOGY OF MANAGEMENT

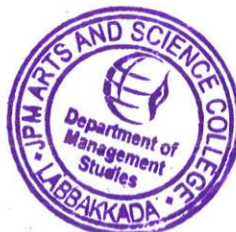
- Up on completion of the course students will be able to understand fundamental concept, principles, theories and techniques of management.
- Familiarity with basic roles skills and functions of management
- Understand the concept and process of decision making
- Understanding on the concept of delegation, centralization and decentralization
- Familiarity with planning, process and bottlenecks
- Insight into directing coordinating and controlling functions and its implications

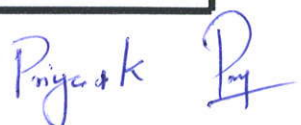
BAICRT02 – BUSINESS ACCOUNTING

- Understand accounting concepts, conventions and principles
- Understand the basic process of recording transactions
- Preparation of final accounts of the sole trader.
- General awareness about depreciation accounting
- Familiarity with bill of exchange, promissory notes etc.
- Knowledge on accounting equation and double entry system



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BAICMT03- FUNDAMENTALS OF BUSINESS MATHEMATICS

- Ability to critically evaluate mathematical problems
- Fundamental problem solving skill related with industry and Commerce
- Application of mathematical principles in business studies
- Understand the modern trends in mathematics
- Familiarity with number system matrix and logarithm
- Understand modern theory in mathematics

BAICMT04 – FUNDAMENTALS OF BUSINESS STATISTICS

- Understand probability theory and its application
- Excellence in statistical testing of application by using correlation and regression analysis
- Understand mean, median, and mode and its application
- Know modern trends in mathematics and statistics and its applicability in business
- Know the concept of sampling distribution and various statistical tests
- Broad overview of statistics as a subject

BAICCT05 - ENGLISH

- Proficiency in English language
- Ability to overcome grammatical hurdles in the formal and informal usage
- Identify and address contemporary issues and hence develop them to responsible citizens
- Increased confidence level of students in use of English both written and Spoken forms
- Effective formal communication using English language
- Vocabulary development with perfection



SEMESTER-2

BA2CRT06 – COST AND MANAGEMENT ACCOUNTING

- Analyze implication of cost in managerial decision
- Understand methods, techniques of standard costing and analysis of deviation
- Skills in financial accounting and preparation of cost sheets
- Basic understanding on overhead and reconciliation of cost
- Overview on difference between financial accounting, managerial accounting and cost accounting
- Better understanding on purchasing procedure and stores control

BA2CRT07 – BUSINESS COMMUNICATION

- Understand the communication process, barriers to communication and effective listening
- Skills for verbal and non- verbal communication
- Ability to give effective presentation
- Understand significance of business communication
- Better understanding on business letter writing, agenda, memorandum
- Understand new trends in communication and its significance in business

BA2CMT08-MATHEMATICS FOR MANAGEMENT

- Develop scientific and logical thinking
- Know the modern trends and tools in mathematics
- Critical thinking skills and problem solving capacity in solving Managerial problems
- Promote research in managerial science
- Analyze problems in the light of mathematics
- Application of mathematical equations for situational problem solving






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BA2CMT09- STATISTICS FOR MANAGEMENT

- Understand sampling distribution
- Know the different types of hypothesis testing methods
- Understand the various techniques of sampling
- Familiarity with various project analysis tools and techniques
- Know more on probability distribution
- Formulation of hypothesis and conduct statistical tests

BA2CCT10- ENGLISH PAPER2

- presentation of ideas with confidence in Group discussions and public speaking
- critical thinking skills to view issues from different angles
- imaginative skills
- impactful self-expression
- Excellence in Connecting the theoretical learning to practical issues
- communication skills to express in a concise and concrete manner

SEMESTER-3

BA2CRT11 – HUMAN RESOURCE MANAGEMENT

- Understand key concept and theories from the field of HR
- Understand the impact of HRM activities on organizations
- To understand various training methods adopted by an organization
- To analyses various steps in selection
- To know more on different types of wage and incentive system
- To understand employee welfare schemes and ergonomics

BA2CRT12 – MARKETING MANAGEMENT

- Understand marketing concept, marketing conditions and role and relevance of marketing organization



- Evaluate significance of marketing conception global environment
- To know the scope of marketing mix and promotion mix
- To understand more on advertising and sales promotion
- To analyses market, consumer behavior and purchase pattern
- Create awareness on product life cycle and marketing strategies

BA2CRT13 – RESEARCH METHODOLOGY

- Understand and use the concept of research methodology
- Comprehend the objectives of research and steps involve in research in a practical manner
- Use different data collection methods and sampling design techniques for most competent research work
- Analyze the collected and processed data with the help of statistical tools
- Applicability of suitable research methods and tools that would enable to get optimum solution to the problem
- Generate and interpret data and prepare a research report


BA2CRT14 – BUSINESS LAW

- To create awareness about principles and law of contracts
- To acquire knowledge base on bail breach of contract, sale of goods, transfer of property etc..
- To create awareness about various special contracts
- To understand more on contract of agency, conditions and warranties
- Application of business laws in organizational context
- Awareness about essential elements of indemnity, rights of surety and guarantee

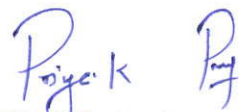
BA2CRT15 – PERSONALITY DEVELOPMENT AND MANAGEMENT

SKILLS (MINOR PROJECTS)




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- Explore an opportunity to develop leadership, communication, motivation decision making and conflict management skills
- To avail practical exposure to real organizational settings
- To familiarize data collection methods and techniques
- To understand data analysis tools and techniques
- Understand research design and sampling techniques in real time settings
- Better understanding of market problems, analysis and remedial measures

SEMESTER-4

BA4CRT16- FINANCIAL MANAGEMENT

- To familiarize students with finance, functions wealth maximization working capital management
- To understand capital structure, leverage and dividend decisions
- To know the different types of dividend theories
- Understand the measure of working capital management
- Understand the valuation of securities in different ways
- Understand different sources of finance available to business concern

BA4CRT17- MANAGERIAL ECONOMICS

- To understand background of managerial economies
- Provide a detailed view of various roles and function of managers
- To understand various economic systems
- To have an overview on banking, different types and functions of banks
- To develop understanding on market structure and competitive conditions
- Analyze and study different types of demand and adjust the corresponding strategies

BA4CRT18- ENTREPRENEURSHIP

- To develop basic entrepreneurial skills to start and operate a business
- To familiarize students about the supporting institutions who stimulate and sustain entrepreneurial growth



- Understand the role of entrepreneurship in the economic development of the country
- To have a deep understanding on EDP and its objectives
- Understand opportunities in small business enterprises and the institutional Set up for the growth
- Study project report writing and guidelines for project formulation

BA4CMT19- BASIC INFORMATICS FOR MANAGEMENT

- To get enough knowledge in computerized accounting
- To get adequate knowledge in excel and apply it in research work
- To become computer professional
- To get knowledge in computerized accounting
- Develop capability to do scientific analysis to understand position of a firm
- Understand basic and advanced features of tally

BA4CMT20- CORPORATE LAW


- To specify and clarify basic principles of corporate laws and partnership law
- To identify various steps in the formation of a company
- To get the basic features of basic liability partnership law
- Know the mode of winding up procedures and analyze the effect
- Basic understanding of Memorandum of Association and Articles of association
- Familiarize with pollution control act and make socially and Environmentally responsible

SEMESTER- 5

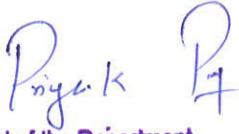
BA5CRT21- ORGANISATIONAL BEHAVIOR

- To understand the concept of social behavior, culture, groups and teams in an organization
- Understand the implication of individual and group behavior in organizational context




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- Comprehend and apply motivational theories in workplace
- Identify power ,politics and changes within organization
- Analyze group dynamics, culture and leadership
- Understand current trends in OB

BA5OPT22- BRAND MANAGEMENT (OPEN COURSE)

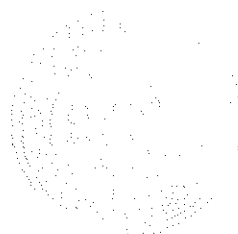
- Understand brand and brand building
- Develop successful brand portfolio management strategies
- Understand different brand elements
- know the brand positioning, repositioning strategies
- Evaluate the process of creating brand name of a product
- Understand the concept of logo, slogan, trademark and patent

BA5CRT23- ENVIRONMENTAL SCIENCE AND HUMAN RIGHTS

- Create awareness on various resources and importance of conservation of Natural resources and green entrepreneurship
- Understand social issues on environment and relation between environment and business
- To familiarize fundamental laws
- Understand rights of children, women
- Understand different types of biodiversity and hotspot zones
- study the solid waste management system

BA5CMT24- INTELLECTUAL PROPERTY RIGHTS AND INDUSTRIAL LAWS

- Identify the concept of patent, trademark and benefits of ESI
- legal provisions in Factories act and Industrial disputes act
- Understand licensing and registration of factory
- Comprehend health, safety and welfare of workers



- know more about consumer protection council, consumer disputes and redressed
- Specify the procedure for filing complaints and resolution methods

BA5CRT25- OPERATIONS MANAGEME

- To familiarize students with PPC , Materials Management
- Specify work measurement and work improvement
- Create awareness on plant layout
- familiarize with inventory control mechanism
- Understanding of importance of quality control in an organization
- know the objectives of production in management and different production systems

BA5CRT26- INDUSTRIAL RELATIONS

- Clarify use and importance of various acts in industrial relations
- Understand significance and importance of trade unions
- Identify simmering issues and rectify it
- Understand different ways to settle industrial disputes
- Comprehend the ways to promote industrial peace
- Know more about industrial unrest, reasons and remedies

SEMESTER-6

BA6OCT27- HEALTHCARE MANAGEMENT

- Orient students in health care and enhance knowledge about healthcare industry
- Familiarize students about various hospital services and medical tourism
- Know the implication of management functions in hospital sector
- Study about hospital as a social system and its effect on socio cultural environment



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- Introduce the premier health care providers of India
- Analyze various departments in a hospital and the relevance of Public Private Partnership

BA6OCT28- ADVERTISING AND SALESMANSHIP

- Orient students about the implication of advertisement in the promotion of a product
- Familiarize contemporary methods of advertisement and salesmanship
- Equip the students with advertising skills
- Understand the ethics in advertisement and social responsibility factor
- know more about advertising agency, budget and functions
- Understand various elements like copy writing, proof reading etc.

BA6CRT29- STRATEGIC MANAGEMENT

- Understand business environment and applicability of various strategies in ever changing situations
- Understand growing importance of strategies and develop skills to manage it
- Understand important types of organization structures
- Analyze environmental scanning techniques
- Understand the concept of SWOT analysis and utility
- Awareness on various levels of strategy

BA6CRT30- COMMUNICATION SKILLS AND PERSONALITY AND DEVELOPMENT

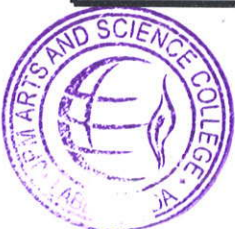
- Become self-confident individuals by mastering interpersonal skills, team management skills and leadership skills
- Develop all round personalities with mature outlook
- Practice speeches and presentations in an effective manner



- Orient the students to frame brief business messages
- Improve the skills in creating effective employment messages and job interviews
- Develop group discussion skills and proficiency

BA6CRT31- MANAGEMENT PROJECT

- Provide real time organizational exposure and an overview regarding organizational climate
- Experience organizational functions, procedure, processes and decision making environment
- Improve research and analytical skills
- Experience data collection techniques and methods
- Develop ability for better understanding of problems and solutions
- Increase conceptual and technical skills and better understanding organizational settings



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BACHELOR OF TRAVEL AND TOURISM

COURSE OUTCOME

SEMESTER-1

TT1CRT01- METHODOLOGY FOR TOURISM

- Find out the recent trends in Tourism.
- Analyze the distribution of various components in tourism.
- Compare the functions of National and International Tourism Organizations.
- Analyze the importance of tourism in different sectors.
- Evaluate the positive negative impact of tourism.
- Provide information about the importance of tourist statistics and its types.

TT1CRT02- CULTURAL HERITAGE OF INDIA


- Knowledge about the cultural diversity and rich heritage of India.
- Analyze the combination of Cultural Heritage to the tourism industry.
- Analysis of Architectural features of Indian buildings and Monuments.
- Understanding of history of India
- Understanding to the important heritage sites in India
- Evaluation of the contribution of the ruling dynasties in Indian History

TT1CRT03- PRINCIPLES OF MANAGEMENT

- Solid understanding the various functional areas of management in tourism industry
- Critically evaluate the five functions of management
- Analyze current management theories and how to apply them in tourism industry




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- Describe management's role in encouraging ethical behavior
- Analyze the management process in tourism organization
- Recognize the concept of social responsiveness and its benefits

TT1CRT04- ECONOMICS AND BANKING FOR TOURISM

- Create basic idea relating to economics.
- Create a basic idea about banking.

SEMESTER- 2


TT2CRT05- TOURISM PRINCIPLES AND PRACTICES

- Discuss the contributions of modern and early tourism
- Critically evaluate the usefulness of different tourism terminologies
- Provides a basic understanding in tourism and its education
- Develop perceptions of people and the world
- Understand the concepts of motivation and determinants of travel tourism holiday and leisure in tourism industry
- Evaluate the diverse cultural and traditions in the ancient and medieval world and their impacts on tourism products and practice

TT2CRT06- GEOGRAPHY FOR TOURISM

- Analyze the different geographical features in India
- Examine the scope of geography in tourism
- Understanding about the types of maps
- Examine the process and linkage responsible for generation of tourism
- Evaluate the impact of weather and climate on tourism
- Discuss the importance of GIS, And GPS in tourism.




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TT2CRT07- ACCOUNTING AND FINANCE FOR TOURISM

- Analyses basic concept of accountancy and its relation to tourism
- Understand the key facts of financial management
- Understand the concept of accounting
- Understand the concept of finance management

TT2CRT08- TOURISM RESOURCES OF KERALA

- Understanding of Kerala's rich historical background
- Analyses the cultural exchange of ancient Kerala with other countries
- Describe the cultural progress of Kerala through ages
- Knowledge about the geography of Kerala and its relevance in tourism
- Understanding of the rich heritage of the state Kerala
- Ability to form a tour package based on the destinations of Kerala

SEMESTER- 3

TT3CRT09- TOURISM PRODUCTS

- Provide a basic understanding about Religious tourism in India
- Examine different types of tourism products in India.
- Analyze performing arts and its Importance in tourism
- Analyze the natural tourism products
- Analyze the cultural products
- Analyze the tourism characteristics



TT3CRT10- TOURISM POLICY AND PLANNING

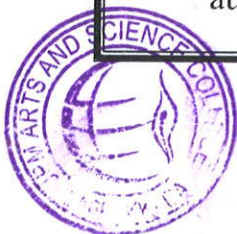
- Able to participate in policy making and planning in tourism
- Knowledge about different tourism policies of Indian government.
- Evaluate the importance of policies in the development of tourism.
- Evaluation about different tourism policies of Indian government.
- Ability to understand the role of tourism in development

TT3CRT11- TRANSPORTATION MANAGEMENT


- Knowledge of the various transportation networks
- Ability to analyze the importance of transportation in Tourism
- Evaluation of transport system in India
- Ability to suggest transportation modes suitable to each destination's geography
- Knowledge of the current trends in touristic transportation
- Ability to analyze the scope of logistics industry in the development of a country
- Ability to analyze the problems and to suggest solutions to improve the road transportation system in India

TT3CRT12- MANAGEMENT INFORMATION SYSTEM FOR TOURISM

- Find out the importance of database management system in tourism
- Examine the need of MIS in tourism related industries
- Knowledge about the transaction processing system and office automation system




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- Able to work with different computation process and analysis
- Discuss the scope of MIS

TT3CRT13- STRATEGIC TOURISM MANAGEMENT AND ENTREPRENEURIAL DEVELOPMENT

- Knowledge of basic concepts of entrepreneurship, entrepreneurship, types of entrepreneur
- Understanding of entrepreneurship and micro, small, and medium enterprises
- Understanding various governmental and non-governmental organizations working for entrepreneurship
- Ability to suggest various perspectives and concepts in the field of strategic management
- Develop skills for applying these concepts to the solution of business problems
- Examine the necessary input for inculcating new ideas for creating new ventures

SEMESTER- 4

TT4CRT14- GUIDING SKILLS FOR TOURISM

- Familiarize students with guiding skills for tourism
- Understand the role of guiding in promotion of tourism
- Communicate the concept of tour guiding and escorting
- Analyze the challenges and issues in guiding field
- Acquire an in-depth knowledge about the guiding and escorting profession
- Critically evaluate the handling of emergency situations while traveling



TT4CRT15- TRAVEL AGENCY & TOUR OPERATION BUSINESS

- Analyse the structure of a travel agency
- Understands the inner working mechanism of a travel Agency
- Analyses various skills necessary for tour operation business.
- Understands about setting up of a new travel agency
- Evaluate the functions of a travel agency

TT4CRT16- COMPUTERIZED OFFICE MANAGEMENT FOR TOURISM

- Basics of computers and its use in office management
- Analyse the importance of computer in Tourism
- Understand the uses of office management in tourism
- Discuss the importance of office management
- Clear knowledge about computer

TT4CRT17-BASICS OF BUSINESS COMMUNICATION

- learn the basics of communication needed for tourism industry
- understand the basics of business correspondence

TT3CRT18- HUMAN RESOURCE MANAGEMENT

- Examine the various managerial skills necessary for the success of tourism industry.
- Understanding the procedure and practices applied for the manpower training and placement.
- Analyse different factors of manpower planning
- Evaluate the different steps in manpower planning
- Discuss the role of HRM in development of an organization
- Clear knowledge about HRM



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SEMESTER-5

TT5CRT19- INDIAN CONSTITUTION AND CIVIC CONSCIOUSNESS

- Awareness about the constitution Amendment and its procedures
- Critical understanding about Indian constitution
- Knowledge about the Indian Parliament and its functions
- Awareness about fundamental rights and fundamental duties
- Develop civic consciousness among students
- Examine the performance of Government with respect to Indian Constitution

TT5CRT20- E – TOURISM

- Detail the use of information technology in tourism organizations.
- Understand revolutionized the travel and tourism industry.
- Discuss the history
- Analyze the various government bodies
- Discuss the fundamental rights
- Understand various laws and amendments

TT5CRT21- AIR FARES AND TICKETING

- Knowledge of the Airline geography
- Understanding of airport formalities and the job descriptions of an Airline professional
- Ability to quote the airfare for an Airline journey
- Capacity to analyze the problems in the airline industry in Industry
- Ability to analyze the importance of Airline industry in the development of tourism industry



- Basic knowledge of the currencies of different countries and currency exchange formalities

TT5CRT22- ENVIRONMENTAL STUDIES, ECO TOURISM AND HUMAN RIGHTS

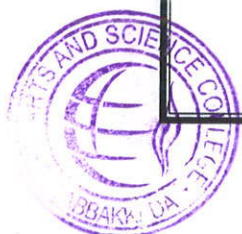
- Study about the various resources of nature
- Understand the importance of human rights
- Understand the evolution of human rights
- Understand the importance of eco-tourism
- Understand the importance of various resources
- Discuss the importance of environment

TT5OPT01- PUBLIC RELATIONS AND TOURISM JOURNALISM

- Discuss about Public relations and Travel Journalism as a career option

TT5OPT02- FRONT OFFICE MANAGEMENT

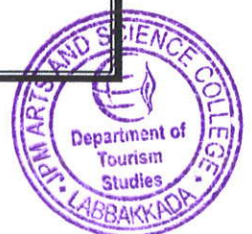
- Equip the students about the details of Front office management as a career opportunity
- Understand the role and functions of the front office
- Understand the importance of communication and knowledge of guest's background
- Illustrate the procedures for check in and check out
- Describe the details with guest request during their stay
- Illustrate the functions of registration and reservation



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TT5OPT03- AN INTRODUCTION TO PRINCIPLES OF TOURISM

- Discuss about basic concepts of tourism

SEMESTER-6

TT6CRT23- TOURISM MARKETING

- Illustrate the strength and weakness of traditional and online marketing
- Develop skills to work in a global market
- Find out the importance of marketing in tourism industry
- Evaluate the recent trends in marketing
- Capacity to analyse the various promotion activities
- Clear knowledge about the different type of products and services

TT6CRT24- PRINCIPLES OF INTERNATIONAL BUSINESS FOR TOURISM

- Discuss the recent trends and developments in International Business
- Clear knowledge about foreign exchange and other payment systems
- Awareness about import and export procedures prevailed in India
- Able to analyse the balance of payment problems in India
- Critically evaluate the benefits of international business in tourism
- Capacity to analyse the international business for tourism

TT6CRT25- HOSPITALITY MANAGEMENT

- A sound of understanding the history of hospitality industry and various concepts of hospitality
- Understand the various types of accommodations
- Awareness about different public relation techniques used for the promotion of hospitality business
- Examine various departments in hotel



- Understand the future trends and role of associations in India
- Recognize the duties and responsibilities of the staff

**TT6CRT26- WEB DESIGNING AND ONLINE BUSINESS
FOR TOURISM**

- Basics of web designing
- Understand the use of web designing in tourism


TT6CRT27- MICE TOURISM


- Basic knowledge of MICE industry
- Awareness about the growing trends in business tourism industry
- Ability to analyze the growing importance of MICE industry
- Knowledge about the event management industry
- Ability to organize events
- Critical evaluation of MICE industry in India

TT6PRP01- PROJECT/DESSERTATION

TT6STP02- STUDY TOUR REPORT




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MA ECONOMICS

COURSE OUTCOMES

SEMESTER 1

EC010101 Microeconomics-I


- Solid understanding of modern microeconomic theory.
- Analyze current economic problems and take apt decisions as consumers, producers investors etc.
- Think like an economist.
- Acquire analytical skills to analyze problems of economic policy.
- Ability to synthesize knowledge about economic problems.
- Capacity to explain and evaluate critically theoretical arguments.

EC010102 Macroeconomics-I

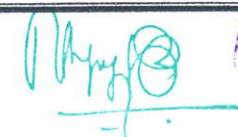
- Provides a rigorous framework for examining the aggregate economy in both short run and long run.
- Discuss the contributions of various schools of thought in macroeconomics.
- Analyze the key concepts, methodologies, theories and techniques in modern macroeconomic analysis.
- To apply the aptitude to relate concepts with research and policy.
- Investigate alternative approaches to modeling consumption and investment.
- Critically evaluate the usefulness of macroeconomic techniques.

EC010103 Development Economics

- Illustrate the problems of developing economy.
- Explain conceptual roots, theoretical dynamics and practical strategies of growth and development.
- Equip with adequate analytical knowledge.


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- Compare and contrast alternative theories of growth.
- Examine the recent literature, both empirical and analytical, on theories of under development and growth in developing countries.
- Examine and prioritize the results of the evaluation particularly related to development issues.

EC010104 Indian Economy-I

- Critical understanding of India economy
- Ability to formulate polices to achieve the goals of Indian economy
- Capacity to find out solutions to the major issues of India like unemployment poverty etc.
- Ability to suggest policies to solve the backwardness of Indian agriculture
- Knowledge about the industrial sector of India and the ability to adopt the measures to promote the industrial growth of India
- Awareness about the service sector of India and the capacity to promote human resources in India.

EC010105 Mathematical Methods for Economic Analysis

- Categorise several mathematical tools used in economics.
- Illustrate the use of these tools by applying them into various economic models.
- Compliment the microeconomic and macroeconomic theory courses.
- Examine static optimization and dynamic systems applicable to economics.
- Describe the basics of real analysis, optimization, dynamic programming and linear algebra.
- Synthesize an economic problem into a simple mathematical model to allow easier examining and to aid problem solving.

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THOMAS



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SEMESTER 2

EC010201 Microeconomics-II

- A sound understanding of advanced microeconomic theory
- Capacity to analyze contemporary economic issues and to create new models to explain the behavior of individuals, firms and markets
- Ability to apply micro economic principles in the areas of industrial organization exchange and welfare etc.
- Capability to take decisions in the context of market interdependence, complexity and uncertainty
- Awareness about oligopoly and it's different forms of collusion like cartel
- Capacity to analyze market failure and market with asymmetric information

EC010202 Macroeconomics-II

- Explain the tenets of modern Macroeconomic thoughts.
- Describe the major developments in the classical and Keynesian orthodoxy with clear historical perspective.
- Analyze both the sources of controversies and how the debates have led to the development of modern Macroeconomics.
- Compare and contrast the New Classical Macroeconomics and New Keynesian Economics.
- Examine how the Real Business Cycle models respond to fluctuations in the economy and explain policy recommendations.
- Illustrate the strengths and weaknesses of the main macroeconomic tools and models used in modern Macroeconomics.



EC010203 Public Economics


- Find out the leading current tools and methods of public finance.
- Examine about the rational for and role of government intervention in economic activities.
- Discuss recent developments in both theoretical and empirical literature.
- Describe the established concepts and theoretical results on the provision of public good.
- Compare and contrast the widening scope of government.
- Examine the performance of government with respect to various corrective measures like FRBM act.

EC010205 Indian Economy-II


- Awareness about the population of India and changing nature of labor market.
- Knowledge about poverty and inequality in India and the ability to suggest measures to solve them.
- Capacity to suggest a suitable physical policy for India.
- Knowledge about the financial system, banking and insurance in India.
- Capacity to suggest solution to the balance of payment crisis in India.
- Awareness about the Kerala economy and the challenges in agriculture.

EC010205 Statistical Methods for Economic Analysis

- Discuss some basic concepts and terminology that are fundamental to statistical analysis and inference.


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- Illustrate the notion of probability, followed by probability distributions of discrete and continuous random variables and of joint distribution.
- Identify different sampling techniques used to collect survey data.
- Justify the use of the most common statistical tools and techniques encountered in economics for analysis of data with valid logic and inferences.
- Construct a clear idea of the inferential statistics as well as the interpretation and analysis of data.
- An aid for carrying out their project study.

SEMESTER 3

ECOPGS3 11 International Trade: Theory and Policy

- Capacity to analyze current trade problems.
- Capacity to analyze effects of trade on national welfare.
- Theoretical knowledge of international trade and to solve real world problems.
- Ability to become exporters of various domestic products and importers of capital and technology.
- Awareness about free trade and the need for protection.
- Capacity to analyze the effects of growth on trade.

ECOPGS3 12 Public Economics

- Describe the role and functions of the government in a modern economy.
- Analyze the issues relating to the role of government in the changing era and the justifications for government intervention.
- Examine the nature and theories of public goods.



- Compare and contrast the various aspects of the theory of public choice.
- Identify the recent trends in taxation and budgetary policy.
- Investigate the major areas of application of public economics.

ECOPGS3 13 Research Methods in Economics

- Basic knowledge about social science research and solve real issues of the society.
- Scientific approach in the analysis of social problems.
- Ability to collect primary data and interpretation of data.
- Ability to conduct a research work.
- Awareness of testing of hypothesis and ability to write a research report.
- Capacity to conduct empirical works for offering concrete solutions to various socio-economic problem.

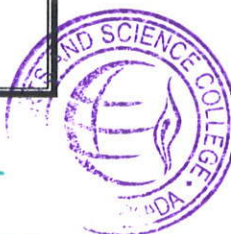
ECOPGS3 14 Economics of Environment and Social Sector

- Describe the philosophical and historical roots of environment and development.
- Identify the theoretical foundations of environmental economics.
- Analyze the optimum use of natural resources in production and consumption.
- Assess the theory and practice of Sustainable development.
- Evaluate the impact of environment on health and promote environmental education.
- Investigate the international treaties and conventions for protecting the environment while promoting development.

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ECOPGELE1 Monetary Theory and Policy

- Describe the basic concepts regarding money and the functioning of a pecuniary economy.
- Examine the various theoretical approaches to the determinants and measures of money supply and its role in causing the business cycles.
- Categorize the different schools of thought regarding the demand for money.
- Evaluate the monetary policy formulations, its targets and objectives.
- Create an interest in the recent monetary reforms initiated in India.
- Compose an insight to the present global financial crisis.

SEMESTER 4

ECOPGS4 15 Global Trading and Monetary System

- Capacity to examine the impact of trade policies followed both at national and international level.
- Knowledge about foreign exchange and the determination of rate of exchange.
- Ability to find out the foreign exchange risk and the ability to avoid them through futures, options etc.
- Capacity to analyze the balance of payments of a country.
- Ability to establish the internal and external balance of a country.
- Awareness about globalization and its impact.



ECOPGS4 16 Indian Public Finance

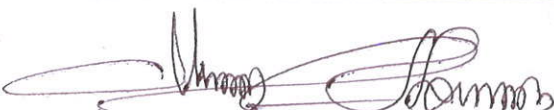
- Discuss the emerging trends in public expenditure and the criteria for public investment.
- Examine the various processes involved in the preparation and execution of the budget.
- Evaluate the problems and trends in public debt in India.
- Illustrate the economics of public enterprises and the current concept like Public Private Participation (PPP).
- Analyze the key issues centering around Fiscal, Federal relations in India.
- Impart advanced level knowledge of the emerging trends in local self government institutions in the backdrop of the LPG process.

ECOPGELE8 Personal Management

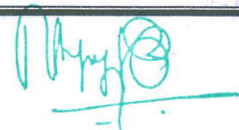
- Analyze the growth of personnel management
- Examine manpower planning
- Discuss wage and salary administration
- Create knowledge about various job changes
- Compare and contrast various methods of training
- Examine the recruitment and selection process of an organisation

ECOPGELE9 Capital Market

- Awareness about capital market and it's instruments.
- Ability to understand the basics of saving and investment.
- Knowledge about the different methods of primary issue.


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- Capacity to calculate risk return and liquidity of various capital market instruments.
- Knowledge about the time value of money.
- Ability to prepare the balance sheet of a company.

ECOPGELE10 Security Analysis and Portfolio Management

- Impart basic knowledge on fundamental analysis and technical analysis and major
- Examine the risk-return trade off in investment decisions.
- Inspect the theoretical knowledge about the stock market investment and apply the concept of portfolio management for the better investment.
- Illustrate various approaches to portfolio construction and portfolio selection
- Assess the importance of maintaining a diversified portfolio.
- Apply different valuation models to evaluate different derivative securities to manage investment risks.



MASTER OF SOCIAL WORK

M.S.W.

MASTER OF SOCIAL WORK

Course Outcomes

FIRST SEMESTER COURSES

SW010101	Social Sciences for Social Work
SW010102	Human Growth and Development
SW010103	History, Philosophy and Fields of Social Work
SW010104	Social Work Practice with Individuals
SW010105	Social Work Practice with Communities
SW010106	Field Practicum 1

SW010101

SOCIAL SCIENCES FOR SOCIAL WORK

Total Credits: 3

Total Hours: 54

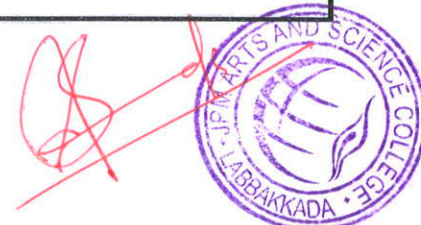
Course Outcomes

- Understand basic concepts of sociology and its different dimensions
- Apply the concepts of sociology in Social Work practice.
- Analyze different dimensions of prevailing social issues in India
- Recognize the linkage of social issues and the design of social work interventions.
- Understand basic economic concepts and the economic situation in India
- Appraise the effect of national/global economy on social life in a society

010102

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HUMAN GROWTH AND DEVELOPMENT

Total Credits: 3

Total Hours: 54

Course Outcomes

- Demonstrate knowledge of the major influences in human development.
- Explain the structure and function of the brain.
- Understand the developmental changes in various developmental stages across the life span.
- Analyse the importance of developmental psychology in social work practice and be able to link with real life situations
- Able to identify the use of theoretical concepts in lifespan stages in social work practice

Understand the theories related to human development

SW010103

HISTORY, PHILOSOPHY AND FIELDS OF SOCIAL WORK

Total Credits: 3

Total Hours: 54

Course Outcomes

- Understand the history of social work approaches with respect to underlying ideologies and philosophies.
- Appreciate social work as a profession and to recognize the need and importance of Social Work Education, Training and Practice.
- Identify the importance of professional values and ethics in social work practice.
- Understand different fields of social work intervention and the issues and concerns of social work practice in India.
- Understand the social movements and role of social reformers in social welfare.
- Understand the present issues faced by social work profession.

SW010104

SOCIAL WORK PRACTICE WITH INDIVIDUALS

Total Credits: 3

Total Hours: 54

Course Outcomes



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- Understand Social Case Work as a method of Social Work and apply it as an intervention method.
- Demonstrate knowledge of the values and Principles of Social Case Work and to develop the capacity to practice them.
- Acquire the required skills for practicing social case work.
- Demonstrate ability to adopt a multi- dimensional approach in assessment.
- Able to document and social case work practice
- Apply social case work method in various settings.

SW010105

SOCIAL WORK PRACTICE WITH COMMUNITIES

Total Credits: 3

Total Hours: 54

Course Outcomes

- Display an depth knowledge about the community organization process.
- Understand the use and practice of community organization in various fields of social work.
- Explain the role of social worker in social action and social reform for social development.
- Able to undertake social audit, social impact assessments
- Able to analyze ongoing community organization programmes.
- Identity the emerging trends and experiments in community organization

SW010106 - FIELD PRACTICUM 1

Total Credits: 6

Total Hours: 216

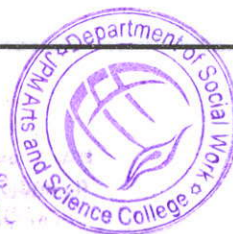
OBJECTIVES:

1. Understanding a community in terms of its geographical, social, economic and political systems, power structures and their inter-relationships based on the theoretical understanding obtained from the courses in the semester;
2. Understanding and practice the values and code of ethics of professional social work practice and familiarize with the principles of social work;
3. Develop understanding of the assumptions, principles, phases and models of community organization;
4. Knowledge of the structure and function of the decentralized governance system and various institutions in the community
5. Demonstrate professional rapport building skills with the people in the community;
6. Demonstrate skills in social analysis and need assessment, program planning, implementation and evaluation frame work in a community setting
7. Demonstrate oral, written and presentation skills of communication in a community context



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SECOND SEMESTER COURSES

SW010201	Introduction to Abnormal and Social Psychology
SW010202	Counselling and Psychotherapy
SW010203	Professional Skills for Social Workers
SW010204	Social Work practice with Groups
SW010205	Social Work Research and Statistics
SW010206	Field Practicum 2

SW010201

INTRODUCTION TO ABNORMAL AND SOCIAL PSYCHOLOGY

Total Credits: 3

Total Hours: 54

Course Outcomes

- Understand the fundamentals of human behaviour
- Demonstrate knowledge of classification and overview of psychological disorders.
- Develop insight about the theories of human personality
- Demonstrate knowledge of concepts theories of social psychology
- Analyse individual behaviour in social context.
- Analyze the group behaviour in social context.

SW010202

COUNSELLING AND PSYCHOTHERAPY

Total Credits: 3

Total Hours: 54

Course Outcomes



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- Understand the process, the skills necessary and the principles to be abided by in helping individuals
- Acquire knowledge of the theoretical and therapeutic approaches in counselling and Psychotherapies
- Demonstrate knowledge and skills in the process and techniques of Counselling and Psychotherapies
- Demonstrate skills for ethical practice of counselling with different clients in various settings
- Understand the concepts of Psychotherapy and various psychotherapeutic techniques
- Demonstrate knowledge of skills and techniques of various psychotherapeutic interventions

SW010203

PROFESSIONAL SKILLS FOR SOCIAL WORKERS

Total Credits: 3

Total Hours: 54

Course Outcomes

Upon completion of course students will:

- Demonstrate professionalism in their behaviour
- Demonstrate skills in critical reflection in personal and professional practice contexts
- Display knowledge and competence in life skills
- Demonstrate skills in communication
- Able to document social work practice in respective domain areas
- Display competence in management of teams and leadership in the practice context

SW010204

SOCIAL WORK PRACTICE WITH GROUPS

Total Credits: 3

Total Hours: 54

Course Outcomes

- Understand Social Group Work as a method of Social Work and apply it as an intervention method.
- Demonstrate skills to apply the method for development and therapeutic work
- Understand the scope of Social Group Work in different settings.
- Understand group work as an instrument of change/development in individual in groups
- Develop skills to work with different stages and record the process
- Display therapeutic skills for Group Work practice

SW010205

SOCIAL WORK RESEARCH AND STATISTICS



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Total Credits: 3

Total Hours: 54

Course Outcomes

- Develop an understanding about the scientific approach to human inquiry
- Understand Social research as a method of social work and to develop the appropriate skills to effectively implement the research methods and techniques in the field.
- Demonstrate skills in literature search
- Able to design research proposals
- Understand the relevance and able to carry out appropriate statistical analysis in social work research.
- Independently evaluate different methodological approaches within qualitative research

SW010206 - FIELD PRACTICUM 2

Total Credits: 6

Total Hours: 216

OBJECTIVES:

1. Understand the functioning of a structured setting/agency – Primary or Secondary (e.g., a school, a hospital, or an institution providing services for people with inability, social, physical or mental)
2. Understand in depth the application of Social Work methods in dealing with individuals (case work) and groups (group work)
3. Develop the ability to do interventions ensuring clients' participation.
4. Be familiar with the method of social work research through field level application
5. Develop skill in writing academic articles based on practice experience.
6. Develop the skill in recording

THIRD SEMESTER COURSES

Core Courses	
SW010301	Planning and Implementation of Development Projects
SW010302	Administration of Human Service Organizations
SW010303	Field Practicum 3
Elective Courses (Specialisation Groups)	
Group 1: Community Development (CD)	



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SW800301	Rural & Urban Community Development
SW800302	Environment and Disaster Management
SW800303	Community Health for Development Practice
Group 2: Family and Child Welfare (FCW)	
SW810301	Social Work Practice With Families
SW810302	Policies and Programmes for Children and Youth
SW810303	Population dynamics and Reproductive and Child Health
Group 3: Medical and Psychiatric Social Work (MPSW)	
SW820301	Clinical Assessment and Diagnosis of Psychiatric Disorders
SW820302	Social Work in the Field of Health
SW820303	Health Care Administration and Community Health

SW010301

PLANNING AND IMPLEMENTATION OF DEVELOPMENT PROJECTS

Total Credits: 3

Total Hours: 54

Course Outcomes

- Understand in detail the nature, approaches and strategies of development projects
- Analyze systematic approach to programme planning.
- Develop an understanding of the changing trends in participatory programme planning approach in government and NGOs.
- Demonstrate skills to handle various phases of Development projects
- Understand the concepts of financial management of a project
- Able to write project proposals

SW010302

ADMINISTRATION OF HUMAN SERVICE ORGANIZATIONS

Total Credits: 3

Total Hours: 54

Course Outcomes



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- Develop understanding of the evolution of administration as a science and as a method in Social Work Practice.
- Develop understanding and appreciate the utility of the administrative structures, processes and procedures in an organization.
- Acquire knowledge and skills in the use of different management techniques in HSO.
- Develop an understanding of elements of management and
- Understand concepts in organizational management.
- Acquire knowledge of the concept of social marketing and its scope in social work practice.

SW010303 - FIELD PRACTICUM 3

Total Credits: 3

Total Hours: 216

OBJECTIVES:

- To gain an in-depth knowledge of the specialization area.

Elective (Specialization) –Community

Development (CD) Specific objectives:

1. Understand the administrative structure and functioning of the agency
2. Be familiar with the policies, laws and government programmes applicable to the client systems of the agency
3. Be familiar with the approaches and intervention strategies in the development sector
4. Develop the skill in using PRA techniques in the setting
5. Develop skill in intervention at organizational / community level ensuring people's participation

Elective (Specialization) – Family and Child Welfare

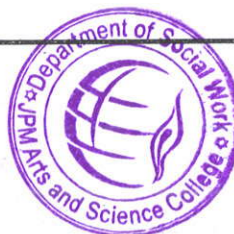
(FCW) Specific objectives:

1. Understand the administrative structure and functioning of the agency
2. Be familiar with the policies, laws and government programmes applicable to the client systems of the agency
3. Develop skill in intervention at individual and group levels
4. Develop skill in family assessment and intervention
5. Develop skill to work with children

Elective (Specialization) – Medical and Psychiatric Social



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Work Specific objectives:

1. Understand the administrative structure and functioning of the agency
2. Understand the functioning of multidisciplinary team in a psychiatric setting and the role of social worker in the team
3. Develop the skill in case history taking and mental status examination
4. Be familiar with the approaches and intervention strategies in the psychiatric setting
5. Develop skill in intervention at individual and group levels



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Semester 3: Elective Courses (Specialisation Groups)

Group 1: Community Development (CD)

SW800301	Rural & Urban Community Development
SW800302	Environment and Disaster Management
SW800303	Community Health for Development Practice

SW800301

RURAL & URBAN COMMUNITY DEVELOPMENT

Total Credits: 3

Total Hours: 54

Course Outcomes

- Understand the concepts of rural and urban community development and the strategies and approaches for Rural & Urban Development.
- Understand the problems and issues of People in Rural/Urban/ Tribal/Costal settings in India and the various Governmental programmes and interventions in these settings.
- Study the functioning of rural and urban local self-government (LSG) and cooperative institutions and their contribution towards Rural and Urban Development.
- Study the role of Civil Society and NGOS in Rural and Urban Development

SW800301

ENVIRONMENT AND DISASTER MANAGEMENT

Total Credits: 3

Total Hours: 54

Course Outcomes

- Develop perspective about the interrelatedness of human life and environment.
- Develop an understanding of problems arising out of environmental degradation and globalization.
- Study the role of social work practice in tackling environmental issues and disaster management.

SW800303

COMMUNITY HEALTH FOR DEVELOPMENT PRACTICE

Total Credits: 3

Total Hours: 54

Course Outcomes

- Understand the concept of health and integrated approach to health in the context of Development.
- Critically analyze plans and policies/services in health and implications for social work



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practice.

- Demonstrate knowledge on concepts of Community Health, community participation, vital indicators and demographic data of health
- Develop skills for intervention in community health sector

Semester 3: Elective Courses (Specialisation Groups)
Group 2: Family and Child Welfare (FCW)

SW810301

Social Work Practice With Families

SW810302

Policies and Programmes for Children and Youth

SW810303

Population dynamics and Reproductive and Child Health

SW810301

SOCIAL WORK PRACTICE WITH FAMILIES

Total Credits: 3

Total Hours: 54

Course Outcomes

- Understand family as a social institution and the different conceptual frameworks for understanding marriage and family
- Demonstrate an understanding of family Social Work.
- Familiarize with family life education programmes.
- Develop knowledge and skills of Family Therapy.
- Develop an understanding of Various Settings of family practice
- Be acquainted with the various programmes for the welfare and development of the family.

SW810302

POLICIES AND PROGRAMMES FOR CHILDREN AND YOUTH

Total Credits: 3

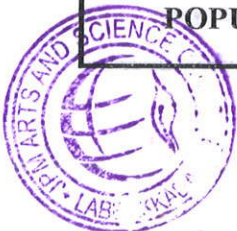
Total Hours: 54

Course Outcomes

- Analysis of needs of children in various circumstances
- Comprehensive understanding of legal provisions for children in India
- Comprehensive understanding of schemes and programs in India to facilitate application in fieldwork.
- Analysis of needs and challenges faced by youth
- Comprehensive understanding of legal provisions, schemes and programs for youths in India
- Application of knowledge and skills in working with youth

SW010305EFC3

POPULATION DYNAMICS AND REPRODUCTIVE CHILD HEALTH



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Total Credits: 3

Total Hours: 54

Course Outcomes

- Comprehensive understanding of basic demographic elements, measures and its applications in field of family and child welfare
- Analysis of transition of population dynamics and its implications on family and households in order to aid assessments of individual cases
- Critical evaluation of Population programs and policies in India and in the global context to develop perspectives and synthesize in framing programs/ activities in fieldwork.
- Comprehensive understanding of RMNCH Programs in India to aid in field work practicum
- Analysis of factors leading to reproductive ill health burden in community and developing programmes to address them effectively
- Building on professional skills and technical know-how to construct new IEC materials for propagation of RMNCH and Family Welfare

Semester 3: Elective Courses (Specialisation Groups)

Group 3: Medical and Psychiatric Social Work (MPSW)

SW820301

Clinical Assessment and Diagnosis of Psychiatric

Disorders

SW820302

Social Work in the Field of Health

SW820303

Health Care Administration and Community Health

SW820301

CLINICAL ASSESSMENT AND DIAGNOSIS OF PSYCHIATRIC DISORDERS

Total Credits: 3

Total Hours: 54

Course Outcomes

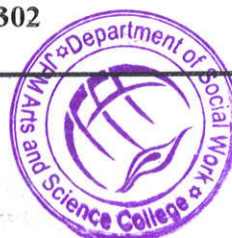
- Acquire understanding on the evolution of psychiatry and attitude towards mental illness.
- Demonstrate knowledge and skills of assessment in mental health settings.
- Demonstrate knowledge of clinical psychopathology.
- Develop an understanding of the nature, causes, types and treatment of mental health disorders in children, adolescents and adults.
- Acquire knowledge of Socio-Cultural Factors influencing mental health.
- Develop a critical understanding of Mental Health Policies.

SW820302

SOCIAL WORK IN THE FIELD OF HEALTH



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Total Credits: 3

Total Hours: 54

Course Outcomes

- Develop an understanding of the holistic concept of Health.
- Understand and analyze different health problems in India
- Assess the scope of social work methods in medical settings.
- Demonstrate skills for interventions in medical social work practice.
- Understand role and functions of a medical social worker in various settings
- Analyse the standards of social work practice in health setting

SW820303

HEALTH CARE ADMINISTRATION AND COMMUNITY HEALTH

Total Credits: 3

Total Hours: 54

Course Outcomes

- Understand the concept of health and integrated approach to health in the context of Development.
- Critically analyze plans and policies/services in health and implications for social work practice.
- Demonstrate knowledge on concepts of Community Health, community participation, vital indicators and demographic data of health
- Develop skills for intervention in community health sector

FOURTH SEMESTER COURSES

Core Courses	
SW010401	Social Legislation and Human Rights
SW010402	Gerontological Social Work
SW010403	Field Practicum 4
SW010404	Dissertation
SW010405	Internship (After the completion of fourth semester examination)
Elective Courses (Specialisation Groups)	



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Group 1: Community Development (CD)	
SW800401	Human Resource Management for Development Practice
SW800402	Economic Development: Theory and Practice
Group 2: Family and Child Welfare (FCW)	
SW810401	Therapeutic Interventions in the field of Family and Child Welfare
SW810402	Social Work in Education
Group 3: Medical and Psychiatric Social Work (MPSW)	
SW820401	Social Work Interventions in the field of mental health
SW820402	School Mental Health and Social Work Practice
	Comprehensive Viva Voce

SW010401

Social Legislation and Human Rights

Total Credits: 3

Total Hours: 54

Course Outcomes

- Understand the Indian Legal System and its functioning.
- Understand and appreciate the Indian Constitution with particular emphasis on the Fundamental Rights and Directive Principles.
- Understand the nature of social legislation and the various
- Explain salient features of legislations for family, women, children and other marginalized groups.
- Explain the concept of social policy and demonstrate skills in social policy analysis.
- Demonstrate skills of using legal procedures to defend the human rights of various marginalized groups

SW010402

Gerontological Social Work



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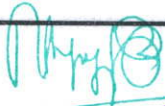
Total Credits: 3

Total Hours: 54

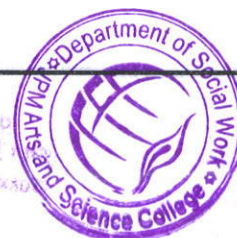
Course Outcomes

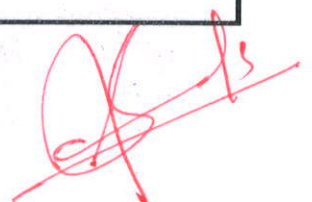
- Understand the concept of gerontology and approaches to ageing
- Analyse the process and issues of ageing
- Analyse policies and programmes for elderly in India.
- Demonstrate skills in working with elderly
- Demonstrate knowledge and skills for interventions in Gerontological Social Work
- Explain and analyze institutional and non-institutional services for elderly




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SW010403 - FIELD PRACTICUM 4

Total Credits: 6

Total Hours: 216

OBJECTIVES:

1. Gain an in-depth knowledge of the specialization area by working with an agency in the respective area
2. Practice adaptively all the methods of social work (both primary and secondary)

Elective (Specialization) – Community Development (CD)

Specific Objectives:

1. Be familiar with the policies, laws and government programmes applicable to the client systems of the agency.
2. Demonstrate the ability in assessing, intervening and working with elderly.
3. Develop skill in critical evaluation of financial management of the development sector
4. Develop skill in human resource management for development practice
5. Understand the significance of social policy in Community Development and gain the basic skills of influencing the same.

Elective (Specialization) – Family and Child Welfare (FCW)

Specific objectives:

1. Be familiar with the policies, laws and government programmes applicable to the client systems of the agency
2. Demonstrate the ability in assessing, intervening and working with elderly.
3. Be familiar with the approaches and intervention strategies employed by the agency
4. Explore the possibilities of children and youth involvement in development project.
5. Understand the gender dimensions of the agencies work

Elective (Specialization) – Medical and Psychiatric Social Work

Specific objectives:

1. Be familiar with the policies, laws and government programmes applicable to the client systems of the agency
2. Demonstrate the ability in assessing, intervening and working with elderly.
3. Learn the role of professional social workers in school setting
4. Understand functioning of a multidisciplinary team
5. Gain knowledge in making social diagnosis and applying Social Work intervention techniques in medical and school settings



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SW010404 DISSERTATION

Total Credits: 3

Total Hours: 54

Dissertation/Project is a three credit compulsory core course undertaken by each student during the fourth semester of the programme. Purpose of dissertation/project is to help the student researcher to get an understanding about the steps in social work research and the application of the theory of research methodology in a systematic manner. It shall be carried out under the guidance of a faculty supervisor. Dissertation/Project work shall be completed by working outside the regular teaching hours.

- **Rules for dissertation/project submission**

- Report should be at least of 100 pages typed on A4 size paper with double spacing
- A minimum of three copies should be submitted of which one has to be submitted to the college, one to the university and the third one is the personal copy.
- It is compulsory for the student to submit the dissertation before the commencement of the 4th semester university examination. In case of non submission or failure in the project evaluation, the student can submit the dissertation along with the candidates of the 4th semester in the following year and participate in the defense viva.

The total grades will be awarded based on internal and external evaluations.

The internal: External evaluation would be in 1: 3 ratio


SW010405 INTERNSHIP

Total Credits: 5

Total Hours: 180

OBJECTIVES:

1. The fourth and the last semester block placement is the culmination of practice training and the students are given preference to select their own agency, based on their interest areas within the framework of the specialization area.
2. This placement is meant to give them the opportunity to work as professional Social Workers and take up individual assignments and responsibility.
3. Students could also take up job in an organization and complete this requirement therein, provided that the learning objectives could be ensured.
4. The focus is on 'integrated social work practice', wherein the student is expected to practice adaptively all the methods and skills with the expected attitudinal disposition.
5. The tasks will depend on the agency and the student initiative. (However, the fourth semester framework of tasks could be made use of.)


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Internship (Block field placement) is an Integral part of the MSW Programme. It is a five (5) credit course. For the successful completion of the programme, Internship is a compulsory requirement, which shall be done immediately after the 4th semester examination.

Elective Courses (Specialisation Groups)	
Group 1: Community Development (CD)	
SW800401	Human Resource Management for Development Practice
SW800402	Economic Development: Theory and Practice

SW800401

Human Resource Management for Development Practice

Total Credits: 3

Total Hours: 54

Course Outcomes

- An understanding of the strategic issues and organisational challenges in Human Resource Management
- Relevant management competencies, leadership skills and analytical capabilities in HR management
- Insight into the different strategies and approaches commonly adopted in Development Practise
- An appreciation of the issues of managing changes in Human Resource Management.
- Access to a strong network and connections within the sector
- Confidence to pursue a career in the Human Resource Management sector.

SW800402

Economic Development: Theory and Practice

Total Credits: 3

Total Hours: 54

Course Outcomes

- Understand critical perspectives on various dimensions of development
- Apply appropriate strategies and models in their development practice
- Demonstrate skills to quantify the development outcomes for strategic development planning
- Evolve new strategies and models for achieving sustainable



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development goals

Semester 4: Elective Courses (Specialisation Groups)

Group 2: Family and Child Welfare (FCW)

SW810401

Therapeutic Interventions in the field of Family and Child Welfare

SW810402

Social Work in Education

SW810401

Therapeutic Interventions in the field of Family and Child Welfare

Total Credits: 3

Total Hours: 54

Course Outcomes

- Understand and demonstrate skills in working with families
- Understand and manage sexual dysfunctions
- Apply cognitive behavioural techniques with marital partners
- Apply therapeutic techniques with children
- Understand and manage autism spectrum disorders and child sexual abuse

SW810402

Social Work in Education

Total Credits: 3

Total Hours: 54

Course Outcomes

- Understand the basics of child mental health and issues of children
- Develop knowledge of the history of social work in schools
- Demonstrate knowledge and skills to work in educational settings.
- Able to deliver life skills education
- Understand the multiple levels and systems operating to define schools and ways social workers can effectively practice at these various levels and within these systems.

Semester 4: Elective Courses (Specialisation Groups)

Group 3: Medical and Psychiatric Social Work (MPSW)

SW820401

Social Work Interventions in the field of mental health

SW820402

School Mental Health and Social Work Practice

Comprehensive Viva Voce

SW820401

Social Work Interventions in the field of Mental Health



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Total Credits: 3

Total Hours: 54

Course Outcomes

- Able to apply psychosocial Treatment Methods for persons with Mental and Emotional Disorders.
- Understand Institutional approaches to provision of Mental Health Services.
- Demonstrate knowledge and skill in the practice of Community Psychiatry and Rehabilitation

SW820402

School Mental Health and Social Work Practice

Total Credits: 3

Total Hours: 54

Course Outcomes

- Understand the basics of child mental health and issues of children
- Develop knowledge of the history of social work in schools
- Demonstrate knowledge and skills to work in educational settings.
- Able to deliver life skills education
- Understand the multiple levels and systems operating to define schools and ways social workers can effectively practice at these various levels and within these systems



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