

UNDER GRADUATE PROGRAMMES - COURSE OUTCOMES

1.B.A. English Language and Literature

CO1: History of English Language and Literature: A historic-political contextualization of the evolution of English Language and British literature, knowledge about determining figures in understanding language and literature and an opportunity for a comparative study of Indian and

CO2: Studies in Prose: The student learns genres and literary terms, how to analyze a text based on the tone, point of view, style and theme, as well as critically perceive and contextualize prose works.

CO3: Linguistics: The student studies the basics of language usage like grammar, spelling and punctuation. The paper enhances their skill in knowing and using English for interpersonal, academic

CO4: English in the Internet Era: The student is familiarized and trained in soft skills. She is taught to use Internet, information services and desk-top publishing software programs. E literacy through

CO5: Studies in Poetry: The student learns different poetic forms, styles, genres, poetic traditions, and critical background enabling a critical reading of the poetic text.

CO 6: Literary Criticism: The student is familiarized with key terms, concepts, schools and theorists in literary criticism, made conscious about the need for a critical perspective while reading literary

CO 7: Modern Critical Theory: The paper gives an indepth knowledge about critical theory which enhances the students intellectual capacity to problematise events and texts which are otherwise taken for granted, contextualize texts in specific socio-political contexts, historicize a text based on

CO8: Drama: Theory and Literature: Familiarizes the student in the classical, medieval and modern traditions of the genre, drama, the history of the evolution of the art form as well as the various textual functions of the drama which varies from catharsis to social change.

CO 9: Studies in Fiction: Facilitates an understanding of the stylistic determinants of the genre, the rise and evolution of the novel form, familiarization of novels belonging to different traditions and the

CO 10: Women's Writing: The student is familiarized with works of arts and theories authored by women, the differences that distinguish those writings from male writings, critique norms of aesthetics that determine male writings which often become canonical and to realize the problems of

CO 11: Project: Students are trained in the mechanics of writing specifically for academic purposes, effective communication of the research problem, documentation and research methodology.

CO 12: Malayalam Literature in Translation: The student realizes the need for an inclusive understanding of literature and culture through the essays and creative writings included in this paper. The importance of translation as a significant tool which enables historical continuity between

CO 13: New Literatures in English: Literatures in English outside Britain are introduced to the student so as to understand the relations of power in colonial contexts and newly independent states.

CO 14: Indian Writing in English: The student is trained to read Indian writing as a product of various historical forces which includes colonization, national movements, other caste-religious

CO 15: Film Studies: The student is familiarized with cinematic styles, techniques, movements and the history of the evolution of the film form. The theories and screenings of film texts equip the

CO 16: Writing for Media: The student is taught different kinds of visual media and trained to write

2. B.A. Malayalam

CO1: PRACHEENA MADHYAKALA KAVITHA: The student is familiarized in the origin and

CO2: MALAYALA SAHITHYACHARITHRAM PART I: The student is initiated to a general overview of Malayalam literary history.

CO3: MALAYALA KAVITHA: ADUNIKAM ADUNIKANANTHARAM: The student is familiarized in the shift in the sensibility manifested in modern and post modern poetry in Malayalam, introduce the students to new movements and poets as well as to the influences that environmentalism

CO4: CHERUKATHA SAHITHYAM: The student is familiarized in the inclusive and specific aspects of the short story genre in Malayalam.

CO5: MALAYALA SAHITHYA VIMARSHANAM: An awareness about the history of literary criticism in Malayalam is created in the student who is introduced to the origin and evolution of literary criticism in Malayalam, novel trends in criticism and how they influence the critical realm in

CO6: MADHYAMAPARICHAYAM: The student is facilitated to critically analyze media culture including print/online/visual media.

CO7: PASHCHATHYA SAHITHYA SIDHANTHAM: The student is enabled to have a general overview of Western Literary theories which influenced in the making of the Malayalam literary theoretical realm and familiarized in key terms and post modern theories.

CO8: MALAYALA SAHITHYACHARITHRAM II: The student gets an understanding in the general overview of Malayalam literary history.

CO9: BHASHA SHASTRAVUM VYAKARANAVUM: The student is trained in linguistics and grammar as part of analyzing the usage of the language.

CO10: NOVEL SAHITHYAM: The student is initiated into the narrative and stylistic aspects of novel during its inception, historical novels, social realist novels, the modern period in Malayalam novel, changes in the mode of characterization and the larger evolution of Malayalam novel history.

CO11: PAURASTHYA SAHITHYA SIDANTHANGHAL: The student is familiarized in the influences of Dravidian-Sanskrit poetic theories in the making of Malayalam literary criticism.

CO12: KERALA SAMSKARAM. The student is initiated into an analysis of Kerala history, culture and the identity formation of the region called Kerala, the history of early settlers in Kerala, Dravidian culture, cultural changes effected during pre colonial foreign exchange, contributions of various

CO13: NADODI VIJNANEYAM: The student learns the history of the discursive field of Folklore as well as the linguistic and cultural significance of folk traditions in Kerala.

CO14: ARANGUM PORULUM: The student is familiarized in the studies of the origin, development and the vocabulary of visual arts in Kerala, the technical side of visual arts including

CO15: PARISTHITHI-DALIT-STHREEVADHAM: An awareness about the marginalized communities and their cultures, subaltern theories which help recognize the importance of Dalit and

CO16: POTHUVIVARA SHASTHRAM: The student is trained in the basics of information technology, the skills required to use softwares including office package and create awareness about

CO17: GADHYA SAHITHYAM: The student gets a general awareness about the ancient and modern prose forms and different kinds of prose forms in Malayalam.

CO18: MALAYALAM PROJECT: The student is introduced to research and research

3.B.A. Hindi

CO1: KAVITHA AUR KAHANI-The student is taught how the sensibility of a language and society reflects in its literature and how it leads to an aesthetical shift in the literature and language.

CO2: VYAKARAN TATHA RACHANA-The student learns the basics of grammar required for the

CO3: GADYA KE VIVIDH ROOP: The student is initiated into the history of the evolution and development of prose forms in Hindi and the alterations that happen in the prose genre according to

CO4: NATAK AUR UPANYAS: The student learns the difference between the generic features of the drama and novel, the distinctive features of both the genres, their evolution and development.

CO5: SRUJANATMAK SAHITYA: The student is taught the basics of creative literature and how it develops one's aesthetical sensibility. The student is taught to historicize a literary text.

CO6: SAMPRESHANEY HINDI: The student is taught the communicative structure of Hindi language in specifically non Hindi speaking regions.

CO7: NIBANDHASAHITYA- The student is taught the history of the progress of prose through

CO8: PATRACHAR EVAM KARYALAYI HINDI-The student is initiated in the study of India's

CO9: HINDI SAHITHYA KA ITIHAS(RITHIKAL THAK))- The student is taught the different canons of literature through the study of the different genres, isms and ages.

CO10: JANASANCHAR MADHYAM – The student is initiated in the study of mass media, its origin, history as well as the shifts in the realm of different medias of each period.

CO11: VYAKARAN- The student is introduced to the study of Hindi language and grammar and the

CO12: SAHITHYA KA ITHIHAS(GADYA) The student is initiated to the study of the evolution of prose which is the history of the evolution of that society too. The student also gets familiarized with

CO13: BHARATH KA SANSKRITHIK ITHIHAS- The student is taught the cultural history of India which leads to neo readings of literature.

CO14: HINDI SAHITHYA KA ITHIHAS(PADYA)- The student is taught the history of poetry which helps the students to realize the historical and aesthetical sensibilities of different ages.

CO15: HINDI BHASHA KA UDBHAV AUR VIKAS-The student is taught the history of language which helps to understand the development and shift of language in different periods with respect to its society, gender, cultural hegemony, race, caste and region has peculiar roles in the study of

CO16: COMPUTER VIGYAN- The student is taught the basics of Hindi computing which is important in the era of e learning and e literature.

CO17: SAMAKALEEN HINDI SAHITHYA- To familiarize the students with contemporary literature including discourses about dalits, women and environment.

CO18: ANUVAD SIDHANTH AUR PRAYAOG-To familiarize the students with translation theory and enhance the language skills of the students.

CO19: BHARATHEEYA SOUNDHARYA SASTRA- To familiarize the students with the shifts in

CO20: HINDI NATAKA – The student is initiated in the different periods in the history of drama and the differences between literary and performing texts.

CO21: HINDI KATHA SAHITHYA: The student is initiated in the study of fiction, both short and novelistic form, its development ad shifts through the years.

CO22: PARYAVARAN SIKSHA-The student is made aware the need for the study of environment which is not only a social science subject. They are taught to critique the understanding of things

CO23: SAMANYA BHASHA VIGYAN-The student is familiarized with the anaylysis of language, its evolution and development through the years, which helps the student to realize the power

CO24: HINDI KAVITHA- The student is introduced to the study of the evolution of Hindi poetry

CO25: HINDI ALOCHANA-The studet is introduced to critical thinking of literary texts, its

CO26: PASCHATHYA SOUNDAYA SASTHRA-The student is initiated in western literary theory and its contemporary relevance.

CO27: PARIYOJANA KARYA- To enable the students to enhance their writing and research skills.

4. B.A. Functional Hindi

CO1: HINDI NATAK AVEM EKANKI- The student is taught the various aspects of one act plays and its evolution through the ages. The Student is also familiarized with both the literary and

CO2: PATRAKARITHA AUR HINDI PRINT MEDIA- The student is initiated in the study of mass media, its origin, history as well as the shifts in the realm of different medias of each period.

CO3: HINDI UPANYAS- The student is initiated in the study of fiction, its development ad shifts

CO4: ELECTRONIC MEDIA AUR HINDI CINEMA- The student is introduced to the theory of films, the relationship between film and literature and the relevance of the cinematic medium in the

CO5: UPAYOGI HINDI VYAKARAN-- The student is introduced to the study of Hindi language and grammar and the proper use of language.

CO6: HINDI SAHITHYA KA ITHIHAS(RITHI KAL THAK-)- The student is taught the different canons of literature through the study of the different genres, isms and ages.

CO7: HINDI ME DAFTHARI KAAM KAJ- The student is initiated in the study of India's official

CO8: HINDI SAHITHYA KA ITHIHAS (GADYA) The student is initiated to the study of the evolution of prose which is the history of the evolution of that society too. The student also gets

CO9: PRAYOJAN MOOLAK HINDI-The student is initiated in the process of modernization of Hindi language and how it impacts on modern nation formation.

CO10: HINDI MEI COMPUTER SIKSHA-- The student is taught the basics of Hindi computing which is important in the era of e learning and e literature.

CO11: HINDI SAHITHYA KA ITHIHAS PADYA-)- The student is taught the history of poetry which helps the students to realize the historical and aesthetical sensibilities of different ages.

CO12: HINDI MEI PRAKASAN – It enables the student to have a working knowledge on publication

CO13: HINDI KAVITHA- The student is introduced to the study of the evolution of Hindi poetry

CO14: BHARATHEEY KAVYA SASTRA- To familiarize the students with the shifts in Eastern

CO15: ANUVAD VIGYAN- To familiarize the students with translation theory and enhance the

CO16: DESKTOP PUBLISHING- It enables the student to have a working knowledge on publication

CO17: PASCHATHYA KAVYASASTRA- The student is initiated in western literary theory and its

CO18: BHASHAVIGYAN-- The student is familiarized with the analysis of language, its evolution and development through the years, which helps the student to realize the power relations in language

CO19: HINDI BHASHA KI UTHPATHI-- The student is taught the history of language which helps to understand the development and shift of language in different periods with respect to its society, gender, cultural hegemony, race, caste and region has peculiar roles in the study of language history.

CO20: HINDI KAHANI- The student is initiated in the study of fiction, both short and novelistic form, its development and shifts through the years.

CO21: PARIYOJANAKARYA- To enable the students to enhance their writing and research skills.

5. B.A. Political Science

CO1: **INTRODUCTION TO POLITICAL SCIENCE:** The course enabled the student to understand political institutions, agencies and non-political agencies in their surroundings.

CO2: **POLITICAL THEORY:** The student is equipped with the different theories about Political Science as a subject of study and enabling a critical perception about contemporary issues.

CO3: **ANCIENT AND MEDIEVAL POLITICAL THOUGHT:** The student is equipped to understand the political ideas, institutions, problems and ways of resolutions of the ancient and

CO4: **INDIAN CONSTITUTION AND GOVERNMENT:** The student is equipped to make a detailed study and understanding of Indian constitution, governments and their modes of working.

CO5: **MODERN POLITICAL THOUGHT:** The student is enabled to understand modern political thinkers and their contributions to political philosophy.

CO6: **STATE AND POLITICS IN INDIA:** The student is familiarized with the various issues like casteism, gender, communalism, environmentalism, regionalism and other tension areas in Indian

CO7: **INTERNATIONAL POLITICS: CONCEPTS AND THEORIES:** The student is enabled to understand international politics and its basic concepts and theories, international trends and

CO8: **COMPARATIVE POLITICS AND GOVERNMENT:** The student is initiated to compare

CO9: **PUBLIC ADMINISTRATION:** The student is equipped to understanding the administrative systems and its basic principles, and for a general awareness of the functions of executive in the

CO10: **SOCIETY AND POLITICS IN KERALA:** The student is familiarized with the political

CO11: **RESEARCH METHODOLOGY IN POLITICAL SCIENCE:** The student is taught the basics of research in political science

CO12: **INTERNATIONAL POLITICS: ISSUES AND TRENDS:** The student is initiated in the various issues and trends of international politics

CO13: **INDIA'S FOREIGN POLICY:** The student is made aware of foreign policy of India and its

CO14: **INDIAN POLITICAL THOUGHT:** The study makes the student aware about the various Indian political thinkers and social reformers.

CO15: **HUMAN RIGHTS:** The student is enabled to understand basic human rights and its

CO16: **PROJECT WORK:** The student is introduced to the field of research and methodology at the

CO17: DYNAMICS OF INDIAN POLITICAL SYSTEM: The student is familiarized in the principles of the constitution of India

6. B.A. History

CO1: SOCIAL FORMATIONS IN EARLY INDIA: The student is enabled to provide concise historical narrative of different stages of social formation in ancient India, to understand the process of continuity, change and development through which human societies have evolved in India.

CO2: SOCIAL FORMATIONS IN INDIA: CONTINUITY AND CHANGE: The student is equipped to analyze and interpret primary-source documents that elucidate the exchanges and

CO3: METHODOLOGY AND PERSPECTIVES OF SOCIAL SCIENCE: The student is enabled to interpret qualitative and quantitative data in order and evaluate historical events.

CO4: CULTURE IN TRANSITION: The student is equipped to identify and define the worlds' earliest civilizations and analyze the key facets of ancient and medieval society in Western Europe.

CO5: KERALA HISTORY AND CULTURE IN PRE MODERN PERIOD: The student is enabled to understand various sources of Kerala history as well as to identify and define different

CO6: IDEOLOGIES AND REVOLUTIONS IN THE MODERN WORLD: The student is enabled to provide a concise historical narrative of various ideologies and revolutions and analyze how those revolutions transform the modern world individually and collectively.

CO7: SOCIAL FORMATIONS IN MEDIEVAL INDIA: The student is initiated in the history of major events and developments under the Delhi Sultanate.

CO8: SOCIAL MOVEMENTS AND POLITICAL AWAKENING IN MODERN KERALA: The student is familiarized in the history of political awakening of Kerala by focusing on the role of different agencies of reforms like western education, social reform organizations, agitation against

CO9: HISTORIOGRAPHY: The student is initiated in the theory and practice of historical research as practiced by the professionals in the field so that their content knowledge of modern

CO10: METHOD AND WRITING OF HISTORY: The student is equipped to understand the theory and practice of historical research as practiced by professionals in the field, including traditional and current research methodologies as well as to acquire basic historical research skills,

CO11: ARCHIVAL STUDIES AND SOCIAL INFORMATICS: The student is familiarized in the core knowledge of the profession, focusing on the nature of records and the basic archival functions of records appraisal, acquisition, arrangement, description, preservation, reference, access, outreach,

CO12: INDIAN HISTORIOGRAPHY: The student is equipped to understand the theory and practice of historical research as practiced by the professionals in the field as well as to analyze major

CO13: PROBLEMS IN CONTEMPORARY WORLD: The student is enabled to analyse the current issues in a historical context and comprehend social and political conditions in the

CO14: COLONIALISM AND TRANSFORMATION OF INDIAN SOCIETY: The student is equipped to analyze various aspects of British Colonialism and attain critical thinking and analytical

CO15: FREEDOM STRUGGLE IN INDIA: The student is enabled to provide a concise historical narrative of each of the struggles, classify and list out various constructive Programmes, analyze the role of Gandhi in Indian freedom movement and make interpretations.

CO16: PROJECT: The student is equipped to carry out a substantial research-based project, analyse data, synthesize research findings and report research findings in written and verbal forms.

CO17: EVOLUTION OF SOCIAL AND CULTURAL LIFE IN ENGLAND: The student is equipped to gain historical perspective by contextualizing their knowledge in specific socio historical periods and understand the connections between local, regional, national and international history;

CO18: SOCIAL AND CULTURAL HISTORY OF MODERN ENGLAND: The student is enabled to gain historical perspective by contextualizing their knowledge in specific socio political contexts and understand the development and change of this body of literature over time, from pre-

CO19: LANDMARKS IN THE MODERN WORLD: The student is equipped to master World history from the Renaissance to the present and analyze how international economic, cultural, and

CO20: HISTORY OF CONTEMPORARY WORLD: The student is initiated in the principal themes in modern World history and enabled to analyze historical phenomena.

CO21: INDIA UNDER COLONIAL RULE: The student is initiated into the various aspects of India under British colonialism as well as enabled to attain critical thinking against imperialistic

CO22: INDIAN NATIONAL MOVEMENT: The student is enabled to analyze the causes for emergence of the National Movement and appreciate the struggle for freedom.

CO23: SOCIAL REFORM MOVEMENTS IN KERALA: The student is acquainted with the history of social awakening of Kerala by focusing on the role of different agencies of reforms like western education, social reform organizations, agitation against social inequalities and temple entry

7. B.A. Economics

CO1: MICRO ECONOMIC ANALYSIS- I: The student is enabled to have the basic understanding of the different microeconomic concepts, the behaviour of economic agent and the price variation in

CO2: MICRO ECONOMIC ANALYSIS – I1: The student is equipped to have an understanding of the various theories behind pricing of products and factors in different market environment, the main models of market structures and the theories behind many policy prescriptions.

CO3: MACRO ECONOMIC ANALYSIS – I: The student learns skills in economic reasoning and are enabled to assess issues related to unemployment, inflation, poverty, inequality, stock market

CO4: INTERNATIONAL ECONOMICS: The student is introduced to the issues and their solutions with regard to international trade and is enabled to take up research in the field of

CO5: MACRO ECONOMIC ANALYSIS – I1: The student is enabled to critically analyze the alternative economic policies required to develop suitable solutions to various economic problems of

CO6: ENVIRONMENTAL ECONOMICS: The student acquires a good understanding of the interrelationship between the economy and environment

CO7: BASIC TOOLS FOR ECONOMIC ANALYSIS – I: The student develops skills in using elementary mathematical concepts in analyzing economic issues, conceptualize the probability elements involved in economic problems and compute various descriptive statistical measures of data

CO8: ALTERNATIVE ECONOMICS: The student is enabled to understand the differences between different schools of thought as well as the methodological departures and possibilities to

CO9: RESEARCH METHODS AND TECHNIQUES FOR ECONOMIC

ANALYSIS: The student understands the quantitative and analytical tools required to prepare research projects and the different ways of looking at economic issues and methods to tackle the

CO10: DEVELOPMENT ECONOMICS: The student is enabled to understand about the theories of development and growth models as well as various developmental issues faced by an economy and

CO11: ECONOMICS OF BANKING AND FINANCE: The student is familiarized in the fundamental models of financial economics, how they work, how the values of financial assets are

CO12: BASIC TOOLS FOR ECONOMIC ANALYSIS – II: The student develops skills in using mathematical and statistical data analysis, analyze economic issues and understand the mathematical

CO13: CENTRAL THEMES IN INDIAN ECONOMY: The student obtains a good understanding of the achievements, problems and prospects of the Indian economy.

CO14: PUBLIC ECONOMICS: The student is enabled to use the principles of public finance appropriately and understand the financial activities and policies of the government.

CO15: BASIC ECONOMETRIC ANALYSIS: The student is trained to understand the mathematical problems in its different dimensions as well as the interrelationships among various

CO16: PROJECT: The student is equipped to write a project in the standard format.

8. B. Com (Finance)

CO1: MANAGEMENT CONCEPTS & PRINCIPLES: The student is acquainted with the principles of management, help in understanding various functions of management and developing management

CO2: ENTREPRENEURSHIP: The student is trained to understand the concepts of entrepreneurship and to develop the Entrepreneurial skills among them.

CO3: HUMAN RESOURCE MANAGEMENT: The student is familiarized with the basic principles of Human Resource Management (HRM)

CO4: PRINCIPLES OF MARKETING: The student is introduced to the basic knowledge about the concepts, principles, tools and techniques of marketing

CO5: BASICS OF RESEARCH METHODOLOGY: Student is enabled to understand how to do research in the area of Commerce and Management

CO6: BUSINESS STATISTICS: The student is familiarized with the basic statistical tools used to summaries and analyse quantitative information for decision making

CO7: QUANTITATIVE TECHNIQUES FOR BUSINESS DECISION: The student is acquainted with the basic statistical tools which have application in business and economic situations

CO8: NUMERICAL SKILLS FOR BUSINESS: The student learns the basic concepts in mathematics which are applied in the managerial decision making and develops an understanding of numeric problems in business and social sciences, and techniques used to model such problems.

CO9: INFORMATICS SKILLS: The student is familiarized in the Fundamentals of Computers and the use of Computer applications in day to Day Applications.

CO10: FINANCIAL ACCOUNTING: The student is enabled to have an understanding of the fundamentals of financial accounting system and equipped with basic skills for recording various

CO11: ADVANCED ACCOUNTING: The student acquires the conceptual knowledge of accounting for special transactions and learns the techniques of preparing the accounts and financial statements

CO12: CORPORATE ACCOUNTING: The student acquires the conceptual knowledge of Corporate Accounting, and learns the techniques of preparing the financial statements.

CO13: COST ACCOUNTING: The student is acquainted with the basic concepts used in Cost Accounting and the various methods involved in Cost Accounting system.

CO14: MANAGEMENT ACCOUNTING: The student is acquainted with different methods involved in Cost Accounting system and get an understanding about the use of financial and cost accounting

CO15: BUSINESS REGULATORY FRAMEWORK: The student is imparted basic knowledge of the important business legislation along with relevant case law.

CO16: CORPORATE LAW & BUSINESS REGULATION: The student is acquainted in the basic knowledge of the provisions of the Companies Act 2013.

CO17: DISASTER MANAGEMENT: The student learns emerging approaches in disaster reduction

CO18: ENVIRONMENT STUDIES: The student gets a general awareness about the environment and sociology, and environmental pollutions.

CO19: INTERNATIONAL BUSINESS: The student is familiarized in the concepts, importance and dynamics of international business and India's involvement with global business.

CO20: FINANCIAL MANAGEMENT: The student is acquainted with the fundamental concepts of corporate finance and the various finance functions.

CO21: INVESTMENT MANAGEMENT: The student is facilitated to understand the concepts of investments and enabled to analyze the risk and returns characteristics of securities and portfolios in a

CO22: FINANCIAL MARKETS & SERVICES: The student is familiarized with the constituents of financial market, their interactions and the services provided by them.

CO23: MODERN BANKING: The student is equipped to understand the fundamentals of banking and basic knowledge of modern banking practices

CO24: AUDITING: The student becomes aware about the modern trends and practices of auditing and the skills for independently undertaking the audit work

CO25: INCOME TAX LAW AND PRACTICE-1: The student is introduced in the basic ideas of the theoretical aspects of income tax in India, and the computation of income under different heads.

CO26: INCOME TAX LAW AND PRACTICE-II: The student is given an idea about the computation of total income and is informed on the relevant provisions relating to assessment.

CO27: SERVICE TAX AND VAT: The student is provided knowledge on the Indirect Tax and enabled to file Service tax and VAT

CO28: CORPORATE TAX PLANNING: The student is provided an in-depth knowledge of direct tax laws and their impact on decision making, a working knowledge regarding legitimate way of tax planning under different provisions of the Income-tax Act, 1961 and help in taking different

CO29: PROJECT REPORT: The student is provided an opportunity to investigate a problem by applying concepts in a scientific manner, enabled the application of conceptual knowledge in a practical situation and master the art of conducting a study in a systematic way and presenting its

CO30: BASIC ACCOUNTING: The student is enabled to know about accounting principles and

9.BBA

CO1: The student understands the process of Business Management

CO2: The student learns to use economic reasoning to problems of business

CO3: The student is acquainted in the applications of communication skills in the business world

CO4: The student understands the scope and key issues involved in managing e-commerce initiatives

CO5: The student is enabled to apply proper mathematical tools to specific business situations

CO6: The student is given knowledge about accounting principles and their applications in different

CO7: The student is acquainted to the design aspects of operations and materials management

CO8: The student is acquainted with various laws, forces and regulatory measures governing business

CO9: The student is familiarized with the basic statistical tools used to summarize and analyze quantitative information for decision making

CO10: The student is familiarized with the use of quantitative techniques in managerial decision

CO11: The student is acquainted with Marketing principles and practices and understands the process of Marketing in a business firm

CO12: The student acquires conceptual knowledge of the fundamentals of the Corporate Accounting and the techniques of preparing the Financial Statements.

CO13: The student is familiarized with the fundamental principles of financial management and equipped with the tools of effectively managing the finance of an enterprise.

CO14: The student is enabled to acquire basic knowledge in business research methods and to develop basic skills in them to conduct survey research and case studies

CO15: The student is acquainted with methods and techniques of cost and management accounting at an advanced field for managerial decision making.

CO16: The student is given a conceptual understanding of Human Resource practices in

CO17: The student is given an exposure to the dynamics of banking, business environment and enabled to analyze business priorities in the changing banking industry.

CO18: The student is familiarized with basic concepts of OB and to enhance their understanding of the interaction between individuals and the organisation

CO19: The student is enabled to understand effective methods and strategies required for retail

CO20: The student is provided a theoretical frame work of strategic management and to develop an understanding about the strategic process and their impact on a firm.

CO21: The student is given an overview of the conceptual aspects of Capital Markets and Investment

CO22: The student is enlightened issues of on International Business Environment, which includes international Financial management, International Marketing and international Currency and to study

CO23: The student is enabled to understand the essentials of planning an event & to study the concept and significance of event management.

CO24: The student is enabled to have an understanding about the managerial use of data for planning,

10. B.Sc. Chemistry

CO1: The students are enabled to handle analytical data and to acquire the knowledge in atomic structure, chemical bonding and nuclear chemistry

CO2: The students are enabled to understand analytical techniques

CO3: The students are enabled to identify the different types of organic reaction mechanisms

CO4: The students are familiarized with the structure of organic molecules and different classes of

CO5: The students are taught to identify the properties of different elements

CO6: The students are introduced to the structure and applications of coordination complexes

CO7: The students are taught the properties of gases, liquids, solids and solutions

CO8: The students are introduced to the knowledge about the thermodynamic concepts and thermodynamic relations and chemical equilibrium

CO9: The students are enabled to understand the aspects of organic chemistry related to life

CO10: The students are introduced to the kinetics of chemical reactions and photochemistry

CO11: The students are taught the different spectroscopic methods for structure elucidation of

CO12: The students get an awareness about environment.

CO13: The students are enabled to inculcate in other students of other disciplines an interest in

CO14: The students are enabled to develop skills in the proper handling of apparatus and chemicals.

11. B.Sc. Physics

CO1: The student learns about the perspectives of Physics and concepts of mathematical methods,

CO2: The student learns about the principles of analog and digital electronics and basics of electronic

CO3: Fundamentals of solid state Physics, properties of matter, magnetism and electricity are

CO4: Basic concepts in geometrical and physical optics are introduced to the students.

CO5: Verification of theoretical understanding through lab experiments is facilitated.

CO6: Electrodynamics and electromagnetic field theory fundamentals are initiated to the students.

CO7: Thermodynamics, kinetic theory and statistical Physics concepts and ideas are introduced to the

CO8: Students learn concepts of classical mechanics and relativity.

CO9: Students understand python programming language as a tool for simulation of experiments.

CO10: Concepts of atomic, nuclear and particle Physics are introduced to the students.

CO11: Advanced electrodynamics and electromagnetic field theory are introduced to the students.

CO12: Students learn laser theory and applications, photonics and spectroscopy fundamentals.

CO13: Students learn quantum Physics of atoms, molecules, solids, nuclei and particles.

CO14: Students are introduced to advanced analog and digital electronics devices and circuit theory.

CO15: Excerpts of Plasma Physics and waves in fluid plasma are introduced to the students.

CO16: Students learn the basics of Astronomy and astrophysics.

12. B.Sc. Botany

CO1: Environmental Science and Phytogeography: Through the understanding of the fundamental concepts in ecology, environmental science and phytogeography the student developed an urge for the

CO2: Angiosperm Anatomy and Micro technique: Theoretical and practical knowledge gathered by the observation of variations that exist in internal structure of various plants enabled the student for a correlational study between the structure and function of plant parts.

CO3: Phycology, Mycology and Lichenology: The student is introduced to the diversity existing among lower forms of plants, algae, fungi and lichen, in morphological, anatomical and life cycle

CO4: Bryology, Pteridology and Gymnosperms and Palaeobotany: The student is introduced to a comparative knowledge on morphology, anatomy and reproduction of lower plants and fossil plants which increased the strength of concept of evolution among plants through various ages of earth.

CO5: Core Practical I: The student is initiated in the skill of observation, hand sectioning, staining, documentation, description and identification.

CO6: Taxonomy, Morphology and Economic Botany: The student understands the offfloral variations among angiosperms and is inspired to collect, preserve and identify types of plants.

CO7: Microbiology and Plant Pathology: The student learns about the diversity existing among microbes- in habit, cell structure, life cycle and ecology.

CO8: Plant Physiology and Biochemistry: The student is introduced to the basics of the functions in a plant body and the importance of plants in the dynamicity of nature.

CO9: Bioinformatics, Instrumentation and research Methodology: The student is introduced to the fundamental characteristics of science as a human enterprise, product and intellectual process, to apply them to design scientific experiments and choose the apt instruments during the project

CO10: Plant Tissue Culture, Embryology and Palynology: The student is equipped with the knowledge in basic principles and tools used in various tissue culture techniques, research and self-

CO11: Genetics, Biostatistics and Evolution: The student is enabled to understand basic principles and current trends in classical genetics, evolution and the statistical tools used in biology.

CO12: Biotechnology and Crop Improvement: The student is introduced to the fundamental techniques of biotechnology, recombinant DNA technology and nanobiotechnology and their

CO13: Cell and Molecular Biology: The student is taught the knowledge of cell structure and molecular biology which enables her to appreciate the way scientists work in understanding evolution.

CO14: Core Practical II: The student is introduced to the studies on floral biology, identification and classification of angiosperms especially Dicots, the methodology of Herbarium preparation and gram

CO15: Core Practical III: The student is equipped to solve the genetic problems, hands on training in embryo dissection, squash preparation etc for future research.

CO16: Project: The student is equipped with knowledge to do scientific work with proper

CO17: Environmental Science (Open Course): The student learns about the fundamental concepts in ecology and environmental science and the need for conservation and sustainable development.

13. B. Sc. Zoology

CO1: Protista and Non Chordata-I: The student gets a comprehensive idea of the diversity, structure

CO2: Protista and Non Chordata-II: The student is equipped to give a comprehensive idea of non-chordate diversity, structure and functions as well as to provide an understanding of the typical /

CO3: Chordata-I: The student is equipped to understand the typical vertebrate body structure, variety,

CO4: Chordata-II & Comparative Anatomy: The student is enabled to provide a comparison between

CO5: Biochemistry & Endocrinology: The student gets an idea regarding the basic physical, chemical as well as physiological activities that underline life processes.

CO6: Biophysics, Biostatistics & Methodology: The student is enabled to apply scientific methods independently in areas of his/ her own pursuit. Emphasize the importance of systematic studies.

CO7: Cell Biology & Immunology: The student is equipped with the knowledge of cell studies, which forms the foundation of biological sciences. The basic concepts in immunology introduce a frontier area of Biology, aiding them to deal with contemporary diseases.

CO8: Hereditary Science: The student is initiated in the fundamental principles responsible for heredity and the various methods of manipulating these factors for human welfare.

CO9: Comparative Animal Physiology & Human Physiology: Detailed understanding of the major physiological processes, kindling interest in the intricate mechanisms involved in the functioning of a

CO10: Epic Culture and Seri Culture: The student is equipped with the basics of epic culture and seri culture enabling them for several purposes including income generating jobs.

CO11: Molecular Biology & Bio Informatics: The student is equipped to understand and organize information associated with bio-molecules to answer some of the larger questions

CO12: Environmental Science & Conservation Biology: The student is equipped to appreciate biodiversity & its current status by providing an understanding of different levels of biological CO13:Developmental Biology, Teratology & Gerontology: An interest in the intricate mechanisms involved in the development of animals is kindled in the student.

CO14: Ethology, Evolution & Zoogeography: The student gets a broad idea about the mechanisms involved in the process of natural selection and evolution of animal species.

CO15: Applied Zoology: The student is persuaded to go for more entrepreneurship possibilities as well as to face the hurdles in different self employment sectors of biological fields.

14.B.Sc. Mathematics

CO1: Differential Calculus:The student is enabled to construct quantitative models of change, to deduce their consequences and to use derivatives to solve various kinds of problems.

CO2: Integral Calculus: The student is enabled to use integration to find area, volume etc

CO3: Elements of Mathematics I: The student is facilitated to develop efficient strategies for numerical calculation, recognize patterns, describe relationships

CO4: Elements of Mathematics II:The student is facilitated to develop efficient strategies for numerical calculation, recognize patterns, describe relationships

CO5: Real Analysis:The student learns to find the limit of sequences and series, and classify

CO6: ABSTRACT ALGEBRA: The student learns to identify algebraic structures like groups, rings

CO7: Differential Equations, Laplace Transforms and Fourier Series: The student is enabled to solve first order and of higher degree differential equations and use Laplace transforms for solving

CO8: Vector Calculus: The student is enabled to evaluate line, surface and volume integrals

CO9: Graph Theory:The student learns to identify graphs, subgraphs and trees connectivity.

CO10: Linear algebra: The student is enabled to identify linearly independent and linearly dependent sets, compute basis for vector spaces and use linear transformations to find roots of algebraic and

CO11: Numerical Methods and Partial Differential Equations: The student is enabled to use numerical differentiation and integration and solve partial differential equations

CO12: Complex Analysis:The student is enabled to find the derivatives of analytic functions and

CO13: Mathematical Analysis and Topology: The student is enabled to compute Riemann integrals and determine the convergence and divergence of sequence of functions

CO14: Operations Research:The student learns to solve LPP using different techniques solve

CO15: Project: The student learns to prepare study reports using Latex and Mathtype.

POST GRADUATE PROGRAMMES - COURSE OUTCOMES

1.M. Sc. Mathematics

CO1: BASIC ABSTRACT ALGEBRA: The student learns to assess properties implied by the definitions of groups and rings, use various canonical types of groups (including cyclic groups and groups of permutations) and canonical types of rings (including polynomial rings and modular rings), analyze and demonstrate examples of subgroups, normal subgroups and quotient groups, analyze and demonstrate examples of ideals and quotient rings, use the concepts of isomorphism and

CO2: LINEAR ALGEBRA: The student learns to solve systems of linear equations by using Gaussian elimination to reduce the augmented matrix to row echelon form or to reduced row echelon form, apply the basic techniques of matrix algebra, including finding the inverse of an invertible matrix using Gauss-Jordan elimination, compute with the characteristic polynomial, eigenvectors, eigenvalues and eigenspaces apply the basic diagonalization result, compute inner products and

CO3: REAL ANALYSIS: The student learns to determine the Riemann integrability and the Riemann-Stieltjes integrability of a bounded function and prove a selection of theorems concerning integration, recognize the difference between pointwise and uniform convergence of a sequence of functions.

CO4: BASIC TOPOLOGY: The student learns to identify topological properties and find their characterizations and prove a selection of theorems concerning topological spaces, continuous

CO5: DIFFERENTIAL EQUATIONS: The student is equipped to solve first and second order

CO6: ADVANCED ABSTRACT ALGEBRA: The student is equipped to determine the degree of the algebraic extensions, identify isomorphic extensions, Galois extensions.

CO7: MEASURE AND INTEGRATION: The student learns to identify measurable spaces and

CO8: ADVANCED TOPOLOGY: The student learns to characterize metrizable spaces, use abstract algebra on topological spaces to discuss homotopy.

CO9: FOUNDATIONS OF COMPLEX ANALYSIS: The student is enabled to apply the concept and consequences of analyticity and the Cauchy-Riemann equations and of results on harmonic and entire functions including the fundamental theorem of algebra, analyze sequences and series of analytic functions and types of convergence, evaluate complex contour integrals directly and by the

CO10: PARTIAL DIFFERENTIAL EQUATIONS AND INTEGRAL EQUATIONS: The student is enabled to recognize the major classification of PDEs and the qualitative differences between the classes of equations and competent in solving linear PDEs using classical solution methods.

CO11: NUMBER THEORY: The student learns to apply the Law of Quadratic Reciprocity and other methods to classify numbers as primitive roots, quadratic residues, and quadratic non-residues

CO12: FUNCTIONAL ANALYSIS: The student is enabled to characterize finite dimensional normed linear spaces and Banach spaces

CO13: COMPLEX FUNCTION THEORY: The student is enabled to compute integrals of various types and use residue theorem in evaluation of improper real integrals

CO14: ADVANCED REAL ANALYSIS: The student learns to evaluate the limits of a wide class of real sequences; determine whether or not real sequences series of functions are convergent and

CO15: GRAPH THEORY: The student is introduced to the basic concepts of graph theory, to apply the basic concepts of mathematical logic and to describe and solve some real time problems using

CO16: OPERATOR THEORY: The student is equipped to use different methods of estimating action of a given operator T , depending on the chosen model and be able to recognize structures related to systems of commuting operators, by using Banach and Hilbert space techniques.

CO17: DIFFERENTIAL GEOMETRY: The student is enabled to identify differential geometry of curves and surfaces in space, both in its local and global aspects.

CO18: COMMUTATIVE ALGEBRA: The student is enabled to use algebraic tools on commutative rings and modules over commutative rings that are essential for doing research in areas such as

2.M.Sc. Chemistry

CO1: Theoretical Chemistry I: The student is enabled to explain the postulates of quantum chemistry and to analyze the chemical bonding in molecules by application of quantum chemistry.

CO2: Inorganic Chemistry I: The student is introduced to the fundamentals of nuclear chemistry, statistical methods of data analysis including error distributions, comparison of results, confidence

CO3: Organic Chemistry I: The student is enabled to comprehend the structure-reactivity pattern of reactive intermediates involved in organic reactions and write mechanisms of organic reactions

CO4: Physical Chemistry I: The student is enabled to explain thermodynamic property of substances, Phase equilibrium, electrochemical methods and corrosion science.

CO5: Environmental Chemistry and disaster management: The student is enabled to explain different types of environmental pollution, analytical techniques as well as the causes, impacts of disaster and

CO6: Theoretical Chemistry II: The student learns to use group theory to recognize and assign symmetry characteristics to molecules and objects, and to predict the appearance of a molecule's

CO7: Organic Chemistry II: The student learns to comprehend the orbital interactions and orbital symmetry correlations of various pericyclic reactions.

CO8: Physical Chemistry II: The student is enabled to explain the basic concepts of statistical thermodynamics, classical and quantum statistics, different types of defects in crystals ,

CO9: Inorganic Chemistry Practical I: The student learns to separate and identify inorganic mixtures of rare earth elements and also to estimate different ions by volumetric and colorimetric methods.

CO10: Organic Chemistry Practical I: The student learns to separate and purify organic mixtures, as well as use laboratory techniques such as distillation, extraction and crystallization.

CO11: Physical Chemistry Practical I: The student is equipped to calculate physical parameters by different methods such as cryoscopy, refractometry, viscosity.

CO12: Polymer & Material Chemistry: The student is enabled to explain different classes of polymers and their characterization, and composite material.

CO13: Inorganic Chemistry II: The student learns different classes of coordination compounds, structures and reactivity, metal carbonyls, and organometallics.

CO14: Organic Chemistry III: The student learns different types of spectroscopic techniques and

CO15: Physical Chemistry III: The student is enabled to solve problems on rate/rate constants/efficiency for (i) complex reactions (ii) unimolecular and bimolecular reactions and able to

CO16: Inorganic Chemistry III: The student is enabled to utilize the principles of transition metal coordination complexes in understanding functions of biological systems and explain various spectroscopic techniques to characterize inorganic and organometallic compounds.

CO17: Inter disciplinary topics and instrumentation techniques: The student learns the underlying chemical and physical of instrumental methods of analysis, including TG, DTG, DSC, nephelometry, turbidimetry, ESR and Mossbauer spectroscopy, as well as the fundamental uniqueness of the chemical and physical properties of nanomaterials and their potential impact in science, engineering,

CO18: Medicinal Chemistry: The student is enabled to explain chemical classification, action of drugs and causes of common diseases and their treatments.

CO19: Inorganic Chemistry Practical II: The student learns to separate and estimate binary mixtures quantitatively by volumetric, gravimetric and electroanalytical methods and prepare inorganic

CO20: Organic Chemistry Practical II: The student is enabled to quantitatively analyse different types

CO21: Physical Chemistry Practical II: The student learns to calculate physical parameters by chemical methods and also by instrumental methods such as polarimetry, conductometry and

CO22: Project and Viva Voce (General): The student develops a high level of practical and theoretical understanding in the area of research project and their transferable skills associated with chemistry

3.M.Sc. Physics

CO1: Mathematical approach of analysis of physical phenomena is introduced to the students.

CO2: Concepts of scattering, Lagrangian, Hamiltonian and Canonical formulation, Rigid body dynamics are introduced to the students.

CO3: The students are initiated in the analysis of Electrodynamics and electromagnetic field theory .

CO4: The students learn the principles and working of IC's, microprocessors.

CO5: Knowledge about the latest research oriented topics is initiated.

CO6: The students study formulation of Quantum Mechanics in detail.

CO7: Advanced analysis of Group Theory and complicated phenomena like crystal structure and elementary Particles are learnt by the students.

CO8: The students are introduced to a detailed study of statistical basis of Thermodynamics and

CO9: Students are initiated to an advanced study of Spectroscopy.

CO10: Students are initiated in the concepts and theory of Scattering and Relativistic Quantum

CO11: Students learn the solid state Physics, properties of matter, magnetism and electricity.

CO12: Students are initiated to an advanced study of Nuclear Models, Decays and Particle Physics.

CO13: Students are initiated to the study of Radiation detection and measurement, biological and

CO14: Students are introduced to an advanced study of Quantum Optics, Fibre Optics and Lasers.

- CO15: Students are introduced to a detailed study of Numerical Analysis and Theoretical
CO16: Students learn the principles and working of Electronic Instruments and their applications.
CO17: Students learn about Optoelectronic devices and Non linear optics
CO18: Students are enabled to verify theories through lab experiments.

4.M.A. English Language and Literature

- CO1: BRITISH LITERATURE: CHAUCER TO SEVENTEENTH CENTURY: Have a comprehensive knowledge of British literature from the period of Chaucer upto seventeenth century with the supportive knowledge of the socio-political scenario in which those literary works were
CO2: BRITISH LITERATURE: EIGHTEENTH CENTURY: Have a comprehensive and contextualized knowledge of British literature of the eighteenth century.
CO3: LITERARY CRITICISM: Develop a thorough knowledge of the western literary canon beginning with Plato and extending upto late nineteenth century; and also some foundational
CO4: HISTORY AND STRUCTURE OF ENGLISH LANGUAGE: Have a clear and systematic understanding of the evolution of English language from the Anglo-Saxon period to the present-day
CO5: MALAYALAM LITERATURE IN TRANSLATION: Develop the ability to understand the subtleties of Malayalam literature through representative texts translated into English and also imbibe the politics of the increasing importance to regional literatures in the era of globalization.
CO6: LITERATURE OF THE ROMANTIC PERIOD: Have a comprehensive and contextualized understanding of English literature written during the Romantic period.
CO7: LITERATURE OF THE VICTORIAN PERIOD: Develop a comprehensive and contextualized understanding of English literature written during the Victorian period.
CO8: MODERN LITERARY THEORY: Develop sharp critical insights based on the critical and cultural theories that emerged in the twentieth century and employ those insights in reading different
CO9: DALIT WRITINGS: Understand the dynamics of caste politics and the mechanics of social ostracisation through a reading of different texts that problematise the pangs of the marginalized dalits
CO10: TWENTIETH CENTURY BRITISH LITERATURE: Develop a comprehensive and contextualized understanding of English literature written during the twentieth century.
CO11: LINGUISTICS: Have technically precise knowledge of the way in which English language operates at different linguistic levels and be able to use and analyse different linguistics expressions
CO12: INDIAN WRITING IN ENGLISH: Understand the intricacies of Indian life as expressed through English language and also the complexities involved in expressing oneself in an alien
CO13: AMERICAN LITERATURE: Have an overview of the body of American Literature through an analysis of texts belonging to different genres written at various points of time.
CO14: INTRODUCTION TO CULTURAL STUDIES: Have foundational knowledge of the major theoretical tools of cultural studies and the way in which those tools are used to analyse different
CO15: POSTCOLONIAL WRITINGS: Develop a clear understanding of the dynamics of the colonial mission through a critical analysis of various literary and non-literary texts written during the pre-
CO16: WOMEN'S WRITING: Develop deeper insights into the way in which gender binaries are created by the patriarchal order and how such constructions have been problematised through literary and non-literary texts written in various parts of the world at different points of time.
CO17: FILM STUDIES: Have a deeper understanding of the way in which films are made and received as socio-political-cultural texts as well as of the different techniques involved in film
CO18: COMPREHENSION: Get equipped to respond to objective type questions from all the other courses pursued as part of the M.A. programme, and get trained for taking examinations like UGC
CO19: PROJECT: Develop research aptitude, independent thinking, and skills of academic writing; express them in the form of a project report; and defend the report before the board of examiners.
CO20: VIVA-VOCE: Develop the skills to make clear, sound, logical, and coherent oral responses to the questions pertaining to the various courses of the programme.