

SANATANA DHARMA COLLEGE ALAPPUZHA



AQAR 2020-21

2.6.1 UG & PG- Course Outcomes



B.Com Degree Course objectives

Semester I

Foundation Course I: CO 1121

METHODOLOGY AND PERSPECTIVES OF BUSINESS EDUCATION

Course Objectives:

1. To create a basic awareness about the business environment and the role of business in economic development.
2. To provide a holistic, comprehensive and integrated perspective to business education
3. To give a fundamental understanding about ethical practices in business.

Core Course I: CO 1141 – ENVIRONMENTAL STUDIES

Course objectives:

1. To enable the students to acquire basic ideas about environment and emerging issues about environmental problems.
2. To give awareness about the need and importance of environmental protection

Core Course II: CO 1142 MANAGEMENT CONCEPTS AND THOUGHT

Course objectives:

- 1) To equip learners with knowledge of management concepts and their application in contemporary organizations
- 2) To facilitate overall understanding of the different dimensions of the management process.

Complementary Course I: CO 1131 – MANAGERIAL ECONOMICS

Course objectives:

1. To familiarise students with the economic principles and theories underlying various business decisions.
2. To equip the students to apply the economic theories in different business situations.

SEMESTER II

Foundation Course II: CO 1221-INFORMATICS AND CYBER LAWS

Course objectives:

1. To review the basic concepts and fundamental knowledge in the field of informatics and to create an awareness about the nature of the emerging digital knowledge society and the impact of informatics on business decisions.
2. To create an awareness about the cyber world and cyber regulations.

Core Course III: CO 1241 - FINANCIAL ACCOUNTING

Course Objectives

1. To familiarize the students with different methods of depreciation.
2. To equip the students to prepare the accounts of specialised business enterprises

CORE COURSE IV: CO1242- BUSINESS REGULATORY FRAMEWORK

Course objective:

1. To provide a brief idea about the framework of Indian business Laws
2. To enable the students to apply the provisions of business laws in business activities

Complementary Course II: CO 1231 - BUSINESS MATHEMATICS

Objectives:

1. To familiarise the students with the basic mathematical tools.
2. To impart skills in applying mathematical tools in business practice

SEMESTER III

CORE COURSE V: CO 1341-ENTREPRENEURSHIP DEVELOPMENT

Course Objectives:

1. To familiarize the students with the latest programmes of Government in promoting small and medium industries.
2. To impart knowledge regarding starting of new ventures.

Core Course VI: CO 1342 - ADVANCED FINANCIAL ACCOUNTING

Course Objectives

1. To create awareness of accounts related to dissolution of partnership firms.
2. To acquaint students with the system of accounting for different branches and departments.
3. To enable students to prepare accounts of consignments.

Core Course VII CO 1343: COMPANY ADMINISTRATION

Objectives:

1. To familiarize the students about the salient provisions of Indian Companies Act 2013.
2. To acquaint the students with Management and Administration of Companies, Compliance requirements, investigation into the affairs of the company and Winding up procedure.

Elective Course I: Stream 1 – Finance

CO 1361.1 - FINANCIAL MANAGEMENT

Course objectives:

1. To familiarise the students with the conceptual framework of financial management.
2. To enable the students to understand the practical application of financial management.

Complementary Course III: CO 1331 - E-Business

Course Objectives

1. To provide students a clear-cut idea of e-commerce and e-business and their types and models.
2. To acquaint students with some innovative e-business systems.
3. To impart knowledge on the basics of starting online business.

SEMESTER - IV

Core Course VIII CO 1441 - INDIAN FINANCIAL MARKET

Course Objectives: To provide a clear-cut idea about the functioning of Indian Financial Market in general and Capital market operations in particular.

Core Course IX: CO1442 BANKING AND INSURANCE

Course objectives:

1. To provide a basic knowledge about the theory and practice of banking
2. To provide a basic understanding of Insurance business.
3. To familiarize the students with the changing scenario of Indian Banking and Insurance.

Core Course X: CO 1443 - CORPORATE ACCOUNTING

Course Objectives:

1. To create awareness about corporate accounting in conformity with the provisions of Companies Act, IAS and IFRS.
2. To help the students in preparation of accounts of banking and insurance companies.
3. To enable the students to prepare and interpret financial statements of joint stock companies.

Elective Course II: Stream I-FINANCE

CO1461.1- PROJECT FINANCE

Course Objectives:

1. To familiarise the students with the types of project appraisal, risk analysis, project financing costing and valuing;
2. To provide an overview of global project appraisal issues.

Complementary Course IV:

CO 1431 - BUSINESS STATISTICS

Course Objectives:

1. To enable the students to gain understanding of statistical techniques those are applicable to business.
2. To enable the students to apply statistical techniques in business.

SEMESTER V

Core Course XI: CO – 1541: FUNDAMENTALS OF INCOME TAX

1. To familiarize the students about the fundamental concepts of Income Tax.
2. To enable the students to acquire the basic skills required to compute the tax liability of individual assessee with more emphasis on Income from Salaries and Income from House property.

Core Course XII: CO 1542 - COST ACCOUNTING

Objectives:

1. To familiarize the students with cost and cost accounting concepts
2. To make the students learn cost accounting as a distinct stream of accounting

Core Course XIII CO 1543: MARKETING MANAGEMENT

Course objectives:

- 1) To provide an understanding of the contemporary marketing process in the emerging business scenario.
- 2) To study various aspects of application of modern marketing techniques for obtaining a competitive advantage in business organizations.

SEMESTER VI

Core Course XIV: CO 1641 AUDITING

Course Objectives

1. To provide students the knowledge of auditing principles, procedures and techniques in accordance with current legal requirements and professional standards.
2. To familiarize students with the audit of Companies and the liabilities of the auditor.

Core Course XV:CO 1642: APPLIED COSTING

Course objectives:

1. To acquaint the students with different methods and techniques of costing.
2. To enable the students to apply the costing methods and techniques in different types of industries

Core course XVI: CO 1643 - MANAGEMENT ACCOUNTING

Course objectives:

1. To enable students to acquire sound knowledge of concepts, methods and techniques of management accounting
2. To make the students develop competence with management accounting usage in managerial decision making and control.

Open Course II: CO 1651.3 - MANAGEMENT OF FOREIGN TRADE

Course objectives:

1. To acquaint the students with India's foreign trade.
2. To familiarise the students with international trade and services.

Elective Course IV: Stream 4 - Insurance and Banking

CO 1661.4 - PRACTICAL BANKING

Course objectives:

1. To familiarise the students with the emerging aspects in banking.
2. To equip the students to have a practical insight in banking operations.

Semester IV

Core IV

EC 1441 Mathematical Methods for Economics

Instructional Hours 5

Credits 4

Course Objective

The key objective of this paper is to provide the students an insight into the importance of mathematical methods in Economics and also to familiarize them with the basic mathematical techniques used in economic analysis

Semester IV

Core V

EC 1442 Intermediate Macroeconomics

Instructional Hours 4

Credits 3

:Course Objective

To introduce students to the micro foundations of macroeconomics, inflation and unemployment, economic growth and fiscal and monetary policies in an open economy

Semester V

Core VI

EC 1541 Methodology and Perspectives of Social Science

Instructional Hours 4

Credits 4

Course Objective: The course intends to familiarize the students with the broad contours of Social Sciences, specifically Economics and its methodologies, tools and analysis procedures. The course also aims to create an enthusiasm among students, incorporating various concepts

Semester V

Core VII

EC 1542 Statistical Methods for Economics

Instructional Hours 4

Credits 4

:Course Objective

The course is intended to familiarize the students with statistical tools and techniques and enable them to apply these tools in Economics

Semester V

Core IX

EC1544 Economic Growth and Development

Instructional Hours 3

Credits 2

:Course Objectives

To ensure that students begin to understand basic concepts of Economic Growth and Development and thereby enable them to acquire multi dimensional aspects of developmental issues .1

To convey knowledge about theoretical framework of Growth and Development under different Schools of economic thought .2

To impart knowledge about Political institutions, the role of the state in Economic Development and problems that affect state Governance .3

Semester V

Core X

EC1545 International Economics

Instructional Hours 4

Credits 3

Objective of the Course: To understand the basic concepts and theories of international trade and enable students to have a basic understanding of the emerging trends, issues and policies in the field of international economic system

Semester V

Open Course

EC1551.2 Human Resource Management

Instructional Hours 3

Credits 2

Objective of the Course

Keeping in view the broad objective of an open course in providing the basis for life enrichment and career orientation, a course in Human Resource Management is offered.. The course is aimed at providing basis for understanding the significance of human resource in the growth of our economy and society and to learn the ways for integrating HRM strategies in organisations

Semester VI

Core Course

EC1641 Indian Economy

Instructional Hours 5

Credits 4

Course Objective

The course intends to provide an understanding about growth process in Indian economy, sectoral aspects of the economy by focusing agriculture, industry and service sectors, relations of India with external sector and economic reforms

Semester VI

Core Course

XII EC1642 Banking and Finance

Instructional Hours 4

Credits 4

Course Objective

The course intends to familiarize the students with the basic concepts in Banking and Finance and develop a comprehensive knowledge on the role of banks in the operation of an economy. It also enables them to know the operation of the Indian Financial System and activities in the financial markets

Semester VI

Core Course

XII EC1643 Public Economics

Instructional Hours 5

Credits 4

:Objectives of the course

:The course is aimed at

- a. Introducing the subject matter and scope of public economics, role of government, types of market failures and the concept of public good
- b. Providing a general understanding on the basic fiscal policy instruments
- c. Generating awareness on public economics in India, with special focus on budgetary system and fiscal federalism

:Learning outcomes

It is expected that this course would connect students to the basic concepts, components and processes of public economics. This would impart the skills essential for understanding and analysing the fiscal policy instruments and budgetary process in India. Students would develop an interest in unraveling the fiscal issues of India. The basic orientation would mould public policy makers and analysts of the future

Semester VI

Core Course

EC 1644 Environmental Economics and Disaster Management

Instructional Hours 4

Credits 3

Course Objective: The course intends to create environmental awareness among students and provide exposure to disaster management

Semester VI

ELECTIVE COURSE

EC1661.1 KERALA ECONOMY

Inst Hours-4

Number of Credit-2

Course Objective

To understand the structural changes, Sector-wise contribution and features of the Kerala Economy since the formation of the state and enable the students to have a basic understanding of the emerging trends and issues of Kerala Economy

Complementary III

EC 1231 MONEY AND BANKING

Inst Hours-3

Number of credit -3

Course Objective

The course intends to provide a basic understanding about the nature and significance of money and banking in the functioning of an economy

Complementary V

EC 1331 INTRODUCTION TO INTERNATIONAL TRADE AND PUBLIC ECONOMICS

Inst.Hours-3

Number of credit-3

Course Objective

The course inculcates the students about the significance of public finance in the context of increasing role of Government. It also provides the basic theoretical framework of budgetary mechanism in India, State activities and various aspects of International Trade

Complementary VII

EC 1431 INDIAN ECONOMY SINCE INDEPENDENCE

Inst. Hours- 3

Number of Credit – 3

Course Objective

The general objective of the course is to provide basic understanding of the Indian economy and it will familiarises the students about the various concepts of National Income and create awareness about the significance of agriculture, industry and service sector in the Economy

The programme is named as Bachelor of Science (B.Sc.) in Microbiology

OBJECTIVES OF THE PROGRAMME

- To impart knowledge of Science is the basic objective of education.
- To develop scientific attitude is the major objective to make the students open minded, critical & curious.
- To develop skill in practical work, experiments and laboratory materials and equipments along with the collection and interpretation of scientific data to contribute the science.
- To understand scientific terms, concepts, facts, phenomenon and their relationships.
- To make the students aware of natural resources and environment.
- To provide practical experience to the students as a part of the course to develop scientific ability to work in the field of research and other fields of their own interest and to make them fit for society.
- The students are expected to acquire knowledge of microbiology and related subjects so as to understand natural phenomenon, manipulation of nature and environment in the benefit of human beings.
- To develop ability for the application of the acquired knowledge to improve agriculture and other related fields to make the country self reliant and sufficient.
- To create the interest of the society in the subject and scientific hobbies, exhibitions and other similar activities.
- To enrich the students with the latest developments in the field of Information Technology, Biotechnology, Bioinformatics and other related fields of research and development

- To create enthusiasm to understand more about the beautiful planet Earth and to give awareness to the public the need to protect the planet from all kinds of exploitation
- To keep the scientific temper which the student acquired from school level and to develop a research culture.

METHODOLOGY AND PERSPECTIVES OF SCIENCES

Objectives:

- To familiarize the students with the fundamental characteristics of science as a human enterprise
- To see how science works
- To apply scientific methods independently
- To interpret scientific data using basic statistical methods

BA English Course objectives and outcomes

FIRST DEGREE PROGRAMME IN

B A ENGLISH LANGUAGE AND LITERATURE (CBCS SYSTEM)

SEMESTER I

Core Course 1: EN 1141 Introduction to Literary Studies I

Objectives

1. Develop an awareness of the diversity of world literature, representing different forms, time and space
2. An awareness of genre, with emphasis on forms of poetry and drama
3. Develop an inquisitiveness to read more of literature in the line of texts suggested in the course.

Course Outcome

- CO 1: Introduce varied literary representations.
- CO 2: Familiarize students with the nature and characteristics of literature.
- CO 3: Discuss the nature and characteristics of literature
- CO 4: Introduce two key genres of literature, poetry and drama.
- CO 5: Possess a foundational understanding of poetry and drama.

Complementary Course 1: EN 1131 Popular Literature and Culture

Objectives

1. Learn the difference between genre fiction and literary fiction
2. Gain an understanding of the folk roots of popular literature
3. Gain a perspective into the debate between high and low cultures

Course Outcome

- CO 1: Encourage the student to think critically about popular literature.
- CO 2: Understand the categories of the "popular" and the "canonical"
- CO 3: Identify the conventions, formulas, themes and styles of popular genres such as detective fiction, the science fiction and fantasy, and children's literature.
- CO 4: An assessment of the literary and cultural value of popular texts
- CO 5: Sensitize students to the ways in which popular fiction reflects and engages with questions of gender, identity, ethics and education.

SEMESTER II

Complementary Course 3: EN 1231

Art and Literary Aesthetics

Objectives:

1. Gain an understanding of various movements in art history and how they relate to literature
2. Engage with works of art that directly refer to literary works and also draw inspiration from art
3. Recognize how all forms of art is part of a continuum.

Course Outcome

CO 1: The student will be able to engage with literature in a broader, educated perspective.

CO 2: The student will be able to think with greater originality and independence about the complex interrelationship between different art forms.

CO 3: The student will be trained to engage sensitively and intelligently in new readings of literature.

CO 4: The course develops an understanding of the co-relation between literature, film, music and painting and encourages ways of reading and seeing which deliver insights into literary texts.

CO 5: Initiate students to implement the multidisciplinary scope of art and literary studies.

SEMESTER III

Core Course 3: EN 1341

British Literature I

Objectives

1. Familiarize the historical phases of English literature
2. Provide glimpses of writers and literary texts that are pivotal to an understanding of British literature
3. Discuss the development of British literature across time from Pre-Elizabethan to Restoration Era

Course Outcome

CO 1: Comprehend the origins of English literature

CO 2: Understand the specific features of the particular periods

CO 3: Understand themes, structure and style adopted by early British writers

CO 4: Gain knowledge of growth and development of British Literature in relation to the historical developments

CO 5: Understand how writers use language and creativity to capture human experience through different literary forms

Foundation Course 2: EN 1321

Evolution of the English Language

Objectives

1. Demonstrate a thorough understanding of the diachronic development of the English language down the ages.
2. Sensitize students to the changes that have shaped English
3. Enable understanding of the growth of English into a global language

Course Outcome:

CO 1: Knowledge of the paradigm shifts in the development of English.

CO 2: Well aware of the historical paradigm shifts in the history of English Language

CO 3: Imbibe the plural socio cultural factors that went in to the shaping of the English Language.

CO 4: Place English language in a global context.

CO 5: Recognize the politics of many 'Englishes'

Complementary Course 5: EN 1331

Narratives of Resistance

Objectives

1. To understand the various modes of resistance needed to subvert oppressive socio-cultural structures.
2. To provide insight into the struggles of people from around the world for identity and rights and contribute proactively to social dynamics.
3. To understand how literature acts as a vehicle for voices of dissent and protest.

Course Outcome

CO 1: Be able to identify themes of resistance in different forms and genres of literature.

CO 2: Have a sense of the various kinds of injustice related to race, ethnicity, gender etc. prevalent in society.

CO 3: Develop an idea of literature as a form of resistance to all forms of totalitarian authority.

CO 4: Understand the inter connection between various genres in manifesting resistance

CO 5: How resistance is an undeniable presence in the everyday narratives of literary and other artistic expressions.

SEMESTER IV

Core Course 4:EN 1441 British Literature II

Objectives:

1. Familiarize the history of English literature from the 18th century to the Victorian age
2. Understand the socio-political, historical and cultural contexts
3. Be able to identify the changing trends in English literature in the 18th and 19th centuries

Course Outcome:

CO 1: Sensitize students to the changing trends in English literature in the 18th and 19th centuries and connect it with the sociocultural and political developments.

CO 2: Develop the critical thinking necessary to discern literary merit

CO 3: Be able to recognize paradigm shifts in literature

CO 4: Be able to identify techniques, themes and concerns

CO 5: Connect literature to the historical developments that shaped the English history.

Core Course 5: EN 1442 Literature of the 20th Century

Objectives

1. Examine the ways in which political, cultural and social events in British and European history of the first half of the 20th century, esp. world wars and holocaust, shaped the literature of this period
2. Develop the ability to analyze literary texts of this period in their symbiotic relationship with non-literary developments of the times
3. Acquaint the learners with the significant historical, cultural and imaginative force in 20th century literature

Course Outcome

CO 1: Understand social, political, aesthetic and cultural transformations of early twentieth century in relation to literary texts with their specific formal features.

CO 2: Know the stylistic features of Modernism and its various literary and aesthetic movements

CO 3: Critically engage the ideas that characterise the period, especially the crisis of modernity

CO 4: Understand contemporary responses to the historical incidents that mark the period

CO 5: Understand and use critical strategies that emerged in the early twentieth century.

Complementary Course 7: EN1431

Philosophy for Literature

Objectives

1. Give the students a historical overview of the major figures in philosophy
2. Introduce to them some of the significant schools of thought that has influenced human perception.
3. Inform students how an understanding of philosophy is vital to the reading of literature.

COURSE OUTCOMES

CO 1: Have a diachronic understanding of the evolution of philosophy from the time of Greek masters to 20th century

CO 2: Have an awareness of the major schools of thought in western philosophy.

CO 3: Have a healthy epistemological foundation at undergraduate level that ensures scholarship at advanced levels of learning.

CO 4: Talk about some of the key figures in Philosophy.

CO 5: Analyze and appreciate texts critically, from different philosophical perspectives

Core Course 6: EN 1541

Literature of Late 20th Century and 21st Century

Objectives

1. Expose students to the literatures of this period in their relationship with historical (social, cultural and political) developments
2. Introduce them to the basics of Postmodern writing and the conditions of its emergence and development
3. Sensitize them to the plurality and diversity of the literature of this period reflecting the reality of a multi-cultural world and polyphonic cultural sphere

Course Outcome

CO 1: Identify the various socio-cultural changes that evolved in the late modernist period

CO 2: Relate to the diverse currents of postmodern literature and its reflections in the contemporary ethos

CO 3: Assimilate the inherent multiplicities and fluidity of societal perspectives

CO 4: Develop an innate sympathy for the tragedies of Holocaust and an awareness regarding the environmental impasses threatening the modern world

CO 5: Empathise with the marginalised and comprehend their predicament.

Core Course 7: EN 1542 Postcolonial Literatures

Objectives

1. Initiate critical thought on colonialism and after
2. Introduce the fundamental concepts in postcolonial theory
3. Understand the global effects of the colonial enterprise

Course Outcome

CO 1: Ability to critique colonial history

CO 2: Awareness of the socio-political contexts of colonialism and postcolonialism

CO 3: Understanding of the effects of colonialism in various nations

CO 4: Knowledge of the key terms in post-colonial thought

CO 5: Study of the race and gender dynamics in postcolonial literature

Core Course 8: EN 1543 20th Century Malayalam Literature in Translation

Objectives

1. Introduce the students to the historical and socio-cultural atmosphere in which Malayalam literature became enriched
2. Provide the students a basic understanding of Malayalam literature
3. Get an understanding of the gradual transformation of Malayalam literature from the early modern to the post modern

Course Outcome

CO 1: Generate knowledge about the varied milieu of the development and growth of Malayalam literature and be sensitive to its socio cultural and political implications.

CO 2: Get a basic knowledge of the literary and the non-literary works produced in Malayalam

CO 3: Discern the vibrancy of Malayalam literature

CO 4: Sense the distinctness of the socio-cultural arena in which Malayalam literature is produced

CO 5: Know the value of literature produced in regional languages and key role of translation in the growth of language and literature.

Core Course 9: EN 1544**Linguistics and Structure of the English Language****Objectives**

1. Give the students a preliminary idea regarding the nature, function and scope of languages, in general
2. Sensitize the students to the specificities of the oral and written dimensions of English.
3. Appreciate Linguistics as a branch of learning with its own defined material and methodology

Course Outcome

CO 1: Understand the phonological and grammatical structure of English Language

CO 2: Be able to analyse actual speech in terms of the principle of linguistics

CO 3: Improve the accent and pronunciation of the language

CO 4: Introduce the students to internationally accepted forms of speech and writing in English.

CO 5: Explore the ancient linguistic tradition of India

Core Course 10: EN 1545**Criticism and Theory****Objectives**

1. Give the students a historical overview of the critical practices from classical period to the present.
2. Introduce to them some of the significant concepts that had a seminal influence on the development of critical thought.
3. To develop in them a critical perspective and capacity to relate and compare various critical practices and schools.

Course Outcome.

CO 1: Analyze and appreciate texts critically, from different perspectives.

CO 2: Appreciate Indian Aesthetics and find linkages between Western thought and Indian critical tradition.

CO 3: Show an appreciation of the relevance and value of multidisciplinary theoretical models in literary study.

CO 4: Demonstrate an understanding of important theoretical methodologies and develop an aptitude for critical analysis of literary works.

CO 5: Gain a critical and pluralistic understanding and perspective of life

Open Course: 1 EN 1551.1 Communicative Applications in English

Objectives

1. Help the students overcome their inhibitions about speaking in English about their day-to-day life and learning experiences within and outside college
2. Develop them into clear, unpretentious and effective communicators, both in speech and in writing
3. Give them the rudiments of grammar, with an emphasis on the correct usage of the language in various contexts

Course Outcome

CO 1: Learners majoring in some subject other than English will have a working knowledge of the type of English that is required in real life situations, especially the globalized workplace.

CO 2: Well trained to write clear, well-framed, polite but concise formal letters and e-mails for variety of purposes

CO 3: Acquire some of the soft-skills that go hand in hand with English—namely, the ability to prepare for an interview and face it confidently, the ability to participate boldly a group discussion and contribute meaningfully to it, the ability to make a simple and interesting presentation of 5-10 minutes before a mixed audience on anything that they have learnt in the previous semesters of the UG programme

Open Course1: EN 1551.2

Theatre Studies

Objectives

1. Give an introduction to the world of drama and its techniques
2. Provide exposure to different experimental theatres
3. Develop the skills among students to create and perform drama

Course Outcome

CO 1: Understand the various theatres, techniques and practices

CO 2: Appreciate the medium of drama

CO 3: Initiate collaborative performances.

CO 4: Attempt production of plays

CO 5: Equip learners to choose a career in theatre.

Objectives

1. Enable the students from various disciplines to decipher the meaning of a movie
2. Familiarize students with the emerging area of film studies
3. Make them aware of the evolution of the filmic medium.

Course Outcome

CO 1: Decipher the meaning of a movie

CO 2: Watch, understand and analyze films from a critical perspective

CO 3: Connect movies to its multidisciplinary scope of appreciation and learning.

CO 4: Equip them to write critically about film.

SEMESTER VI

Objectives

1. Explore the historical variables that have contributed towards the social norms of gender and sexuality
2. Understand the significance of making gender an integral concept of social analysis
3. Develop a conceptual understanding of the field of gender studies

Course Outcome

CO 1: Recognize the patriarchal bias in the formation of history and knowledge.

CO 2: Analyse the ways in which gender, race, ethnicity class, caste and sexuality construct the social, cultural and biological experience of both men and women in all societies.

CO 3: Recognize and use the major theoretical frames of analysis in gender studies

CO 4: CO 5: Interrogate the social constructions of gender and the limiting of the same in to the male-female binary in its intersections with culture, power, sexualities and nationalities

CO 5: Examine gender issues in relation to the sustainable goals of development

Core Course 12: EN 1642 Indian Writing in English

Objectives

1. Familiarize the students with the genesis of Indian Writing in English.
2. Acquaint them with the major movements in Indian Writing in English and their historical connections.
3. Introduce them to the stalwarts of Indian Literature in English through the study of selected literary texts

Course Outcome

CO 1: Make students aware of different aspects of colonization like cultural colonization.

CO 2: Trace the historical and literary genesis and development of Indian Writing in English

CO 3: Acquaint them with the major movements in Indian Writing in English across varied period and genres

CO 4: Address the plurality of literary and socio-cultural representations within Indian life as well as letters.

CO 5: Enhance the literary and linguistic competence of students by making them aware of how language works through literature written in the subcontinent.

Core Course 13: EN 1643 Film Studies

Objectives

1. Familiarize students with the emerging area of film studies and make them equipped to decipher the meaning of a movie.
2. Enable the students to understand the medium of cinema with an ample knowledge of the basic terminologies
3. Help them trace the evolution of the different movements in the film history

Course Outcome

CO 1: Recognize the language of films and use it creatively.

CO 2: Analyze films from both technical and non-technical perspectives

CO 3: Engage questions of social justice and gender justice by critiquing representations of culture.

CO 4: Use film as a medium of communication

CO 5: Derive an interest in various careers related to film

Core Course 14: EN 1644

World Classics

Objectives:

1. The course will aid the learner to have a comprehensive study of the historical evolution of classical works from the classical age to the present postmodern age.
2. Enable the learner to imbibe the significance of Classics as a major cultural influence in literatures around the world
3. Understand major Western and non-western literary forms of written and oral traditions.

Course Outcome

CO 1: Understand the study of Classics as a means of discovery and enquiry into the formations of great literary works and how the rich imagery of these classical works continues beyond the twentieth century.

CO 2: Recognize the diversity of cultures and the commonalities of human experience reflected in the literature of the world.

CO 3: Imbibe a fair knowledge in the various Classical works from different parts of the world, at different time periods, across cultures,

CO 4: Examine oneself and one's culture through multiple frames of reference, including the perception of others from around the world.

CO 5: Develop an aesthetic sense to appreciate and understand the various literary works with a strong foundation in the World Classics.

Elective Course 2: EN 1661.2 American Literature

Objectives

1. Provide knowledge of the writers who have steered the course of American literature
2. Provide insight into the techniques and stylistic peculiarities of American literature
3. Equip students to identify ideas and themes typical of American literature

Course Outcome

1. Instill a sense of the "Americanness" that characterizes American literature
2. Enable the students to place American literature within the corpus of world literature even while identifying its uniqueness.
3. Identify the themes and narratives particular to American literary expressions
4. Generate interest in a field of specialization
5. Enquire about the recent and more popular forms of literature.

BA Hindi course outcomes

Semester-1

Common Course I: HN1111.1 Hindi Katha Sahitya

Outcome of course±E:

- 1) Recollect the main works of the representative fiction writers
- 2) Understand the craft of the fiction writers
- 3) Analyse and evaluate the works of the fiction writers they studied
- 4) Understand how the resource language is used as a medium in creative writing.

Semester-2

Common Course-II HN 1211.1- Hindi Nibandh aur anya Gadya Vidhayem

Outcome of the course:

- i) Recollect the main works of the prescribed writers
- ii) Understand the forms of various prose writing in Hindi
- iii) Analyse & evaluate the prose forms prescribed, with respect to the craft and the relevance

Semester-3

Common Course III HN 1311.1 Hindi Natak, vyakaran tatha Anuvad credits

Outcome of the course: (1) critically appreciates play (2) Understands difference between spoken Hindi and written Hindi (3) Writes grammatically correct sentences in Hindi (4) Defines different parts of speech and identifies them in a given sentence (5) Translates simple passages from English to Hindi

Semester-4

Common Course IV- HN 1411.1 Hindi Kavita Evam Ekanki

Course outcome: (1) Appreciates ancient and modern Hindi poems. (2) Critically evaluates the contribution of Ancient & modern poets to the development of Hindi poetry (3) Elucidates key lines of poetry with reference to context (4) Appreciates and evaluates one act play with respect to craft and subject.

Common Course Hindi for B.Com Programme Semester I

Hindi gadya aur vyavasayik lekhan

Course outcome: (1) Appreciates prose writings in Hindi (2) Critically evaluates the contribution of prescribed writers of prose to Hindi literature (3) Differentiates various types of letters based on their style and components (4) writes personal, official and business letters in Hindi

Semester II: Common Course II HN 1211.2 Hindi Kavita Anuvad aur Paribhashik Sabdavali

Course outcome: (1) understands the development of Hindi poetry from the Bhakti period to modern times (2) Translates simple passages from Hindi to English & vice versa (3) opens a career option that of a translator.

Common Course in Hindi for BA/BSc (career related) Programme

Semester I

Common Course I, HN 1111.3, Hindi Gadya Sahitya credits

Course out come: (1) Understands the difference between different prose forms (2) Appreciates prose literature (3) Critically evaluates the prose forms (4) Elucidates lines from prose with ref. to context.

Semester II

Common Course II HN 1211.3

Hindi Padya Sahitya

Course Outcome: (1) understands the aesthetics of Ancient and modern poetry in Hindi (2) appreciates the creativity of the poets (3) critically evaluates the contribution of the poets to Hindi literature (4) understands the development of poetry in Hindi

Complementary Courses

Semester I

Complementary Course I (compulsory) HN 1131 Samkaleen Sahityik Vimarsh

Course outcome: (1) The students understand the latest trends in literature critically evaluate different discourses in modern Hindi literature.

Complementary Course II (Optional) HN 1132

Pracheen tatha madhyakaleen Bharatiya Sanskriti

Outcome of course: 1) Students understand Ancient and medieval culture of India. 2) Evaluate contribution of various dynasties to the cultural heritage of India.

SECOND SEMESTER

Complementary Course- III (Compulsory) HN 1231 'Kathakar Premchand'

Outcome of the course: (1) The students attain comprehensive knowledge of Premchand as fiction writer: (2) Appreciates and critically evaluates prescribed short stories and Novel of Premchand (3) Evaluates the contribution made by Premchand in the field of Hindi fiction writing.

Complementary Course IV (Optional)

HN 1232 'Paristhithik Paat aur Hindi Sahitya

Course outcome: (1) The students get a comprehensive knowledge of how environmental issues are depicted in literature (2) critically evaluates short stories & poems in the light of the environmental issue discussed in them (3) students are motivated to interfere in the environmental; issues around them.

Third Semester

Complementary Course V (Optional)

HN 1331- 'Tulnatmak adhyayan'

Course outcome: (1) understands the basic techniques of comparison of Hindi and Malayalam fiction and poetry (2) compares fiction and poem of Hindi & English.

Complementary Course VI (Compulsory)

HN 1332 Rajbhasha Prabandhan

Course outcome: (1) Attains comprehensive knowledge of official language Hindi (2) Does noting and drafting in Hindi./ (3) understands official language Hindi management (4) opens a career option- that of translator/Hindi officer in Central Govt. Officers /PSUS/Banks.

IVth Semester

Complementary Course VII (Compulsory)

HN1431 'Bharatiya Sahitya'

Course outcome: (1) understands the techniques of script writing (2) understands the importance of Advertisement (3) enriches the creativity of the student (4) opens a career option in the field of script writing & advertisement.

Complementary Course VIII (Optional)

HN 1432 'Patkatha Lekhan va vigyapan

Course outcome: (1) understands the techniques of script writing (2) understands the importance of Advertisement (3) enriches the creativity of the student (4) opens a career option in the field of script writing & advertisement.

Core Courses for FDP in Hindi Semester I

HN 1141- Hindi kathetar Gadya Sahitya

Outcome of course: (1) understands the different forms of prose other than fiction (2) critically evaluates and appreciates the different prose forms (3) enriches the aesthetic sense of students.

Second Semester- Core Course II

1241-'Hindi Sahitya Ka itihhas' (Ritikal tak)

Course outcome: (1) the students gain comprehensive knowledge of the classification of Hindi literature from the beginning to 1800 AD (2) critically evaluate the contributions of poet to Hindi literature during the various periods.

Third Semester- Core Course III

HN 1341 Hindi Sahitya ka itihhas (Aadhunik kaal)

Course outcome: (1) The students get a comprehensive knowledge of History of Hindi literature from 10th century to the middle of 20th century (2) critically evaluates the trends in literature during this period (3) critically evaluate the evolution of prose in Hindi and its development till 1960.

IVth semester- Core Course IV

1441-'Hindi Natak aur Rangmanch

Course outcome: (1) understands and evaluates development of Hindi plays (2) Evaluates the development of theatre in Hindi (3) Appreciates and critically evaluates the prescribed plays.

Core Course V

HN 1442 'Vishesh Lekhak Agney'

Course outcome: (1) appreciates Agney as a poet & fiction writer (2) critically evaluates Agney as a poet, as a fiction writer and prose writer (3) critically evaluates the contribution of Agney to Hindi literature.

Fifth Semester Core Course VI.

1541. 'pracheen evam Madhya Kaleen Hindi Kavya'

Course outcome: (1) appreciates ancient & medieval poetry (2) critically evaluates the poetry of representative ancient & medieval poets (3) critically evaluates the contribution of these poets to Hindi literature. (4) Elucidates key lines of the poems of Ancient & Medieval poets.

Core Course VII

HN 1542 Adhunik Hindi Kavya

Course outcome: (1) understands and evaluates development of modern Hindi poetry (2) Appreciates modern poetry (3) critically evaluates prescribed poets and their poems with respect to theme, style & craft.

Core course VIII

1543. Aadhunik Hindi Katha Sahitya

Course Outcome: (1) Appreciates modern Hindi fiction (2) critically evaluates modern Hindi fiction upto 1980 (3) inspires creativity in students (4) understands and evaluates development of fiction in Hindi (upto 1980).

Core Course IX

HN 1544 Hindi Vyakaran

Course outcome: (1) Enumerates on varna and its classification (2) Enumerates 4 vikari sabd (3) Does pada vyakhya (4) Writes grammatically correct sentences.

Core Course X

HN 1545 Bhasha Vigyan va Bhasha Ka itihās

Course outcome: (1) understands Basic theories of linguistics and History of Hindi Language (2) Enumerates Dwani Vigyan, Roop Vigyan, Vakya Vigyan and Arth Vigyan (3) Classifies world languages (4) classifies Indo European languages (5) Enumerates Hindi language and its dialects (6) understands lipi.

Sixth Semester

Core Course XI

1641 Samkaleen Hindi Katha Sahitya

Outcome of the course: (1) kindles creativity in students (2) students critically evaluate contemporary fiction (3) appreciates contemporary fiction.

Core Course XII

HN 1642 bharatiya evam paschatya kavya sasthr

Course Outcome: 1) understands various Indian and western literary theories. 2) Identifies prescribed chands and Alankars 3) understands the power of words. 4) Applies the knowledge gained in their creative writing.

Core Course XIII

HN 1643 Anuvad: Sidhant tatha Prayog

Course outcome: (1) understands theories of Translation and limitations of Translation (2) Translates simple passages from English to Hindi and Vice Versa (3) opens career option- that of Translator.

Core Course XIV: Credits

1644 Hindi Vyangya Sahitya

Course outcome: (1) understands and evaluates satirical literature (2) understands use of satire as a tool while discussing socio-economic-political issues in literature

Elective Course:

HN 1661 Jan Sanchar aur Hindi Cinema

Course outcome: (1) understands history of world cinema (2) understands development of Hindi cinema (3) understands mass communication and cinema as medium of mass communication (4) critically evaluates film

Fifth Semester

Open Course

HN 1551- Hindi Cinema

Course Outcome: (1) understands development of world cinema & Hindi cinema (2) critically evaluates Hindi cinema.

BA History Course outcomes

Semester 1

HY 1141 Core 1

METHODOLOGY AND PERSPECTIVES OF SOCIAL SCIENCES

- ❖ The course intends to familiarize the students with the broad contours of Social Sciences and its methodology.
- ❖ To familiarize the main concerns of Social Science disciplines.
- ❖ To articulate the basic terminologies and theories prevalent in concerned disciplines.
- ❖ Critically read popular and periodical literature from a Social Science perspective.

Semester-II

HY – 1241 Core – II

Cultural formation of the Pre-Modern World

- * To enable the students to engage with conceptual and general issues regarding culture and civilization of the ancient period.
- * To inculcate an awareness among the students about the cultural heritage of mankind.
- * To have a sound knowledge about changes that took place among the major cultures of world civilizations.
- * To give an idea about the harmonious existence of the different sections of the people.

Semester-III

HY 1321 Foundation II

INFORMATICS

- To update and impart basic skills in informatics relevant to the emerging knowledge society and also to equip the students effectively to utilize the digital knowledge for their course
- To review the basic concepts and functional knowledge in the field of informatics
- To impart functional knowledge in a standard office package and popular utilities
- To create awareness about social issues and concerns in the use of digital technology
- To develop the skills to enable students to use digital knowledge resources in learning

HY1341 Core-III

EVOLUTION OF EARLY INDIAN SOCIETY AND CULTURE

- To analyze the salient Features of Prehistoric and Proto Historic Culture in India
- To Trace the evolution of India Culture with special reference to the society and polity of Ancient period
- To familiarize the students with the heritage of India

Semester IV

HY1441 Core-IV

MEDIEVAL INDIA: SOCIO- CULTURAL PROCESSES

- Equip the Students to have an idea on the Social Cultural and Administrative Features during the Medieval Period
- To familiarize the Students, the processes that made the socio-cultural specificities possible
- To make the Students, aware of the linkage effect of this period in subsequent centuries
- Feature: Political (Dynastic) history as such is avoided, however administrative system prevailed in the period concerned is included.

HY – 1442 Core – V

History of Modern World – Part I

- * To familiarize the students about the changes in the history of the modern world
- * To analyze the agenda of the imperialistic powers in Latin America and Africa
- * To create an understanding among students about the liberal ideas and freedom struggles

Semester V

HY 1541 Core – VI

MAJOR TRENDS IN HISTORICAL THOUGHT AND WRITINGS

- ❖ To enable the students to understand the history of historical writings.
- ❖ To intellectually equip the students to evaluate the works in the light of new theories and concepts.

HY1542 Core-VII

COLONIALISM AND RESISTANCE MOVEMENTS IN INDIA

- To Review the circumstances that led to the establishment of colonialism in India
- To bring out the impact of colonial rule in India with particular reference to socio-religious-political and economic fields
- To analyze the genesis and progress of the resistance Movements against the British

HY – 1543 Core – VIII

History of Modern World – Part II

* To trace the significance of the unification movements in Italy and Germany that paved the way for the beginning of a new epoch

* To give an idea about the First and Second World Wars

* To evaluate the achievements and failures of the International Organizations

Semester VI

HY 1642 Core XII

MAJOR TRENDS IN INDIAN HISTORICAL THOUGHT AND WRITINGS

- ❖ To enable the students to understand the origin and development of historical writings in India.
- ❖ To locate major historical works in Indian history.
- ❖ To create an awareness among the students about the influence of ideas and theories, trends and concepts in Indian historical writings.

HY1643 Core-XIII

CONTEMPORARY INDIA

- To provide the students with a graphic account of the circumstances that led to the formation of India Union
- To understand the challenges faced by independent India and the bold measures initiated after independence
- To evaluate the achievements of contemporary India with special reference to Science ,Information Technology

HY 1644 Core - XIV

THE TWENTIETH CENTURY REVOLUTIONS

- To introduce the students four major revolutions of the 20th century, i.e. Russian, Chinese, Vietnamese and Cuban
- To acquaint the students about the legacy of the above revolutions
- To familiarize the students about the nature, scope and significance of the revolutions in the present context

HY – 1331.6

Complementary – VI

History of Modern World (1921-1955)

- To familiarize the students with the history of modern world from 1921 to 1955
- To analyze causes that led to the rise of dictatorship during the inter-war period
- To review the causes, course and results of the Second World War
- To assess the cold war alliances and developments

HY – 1431.8

Complementary – VIII

History of Modern World (After-1955)

- To highlight the nature, scope and relevance of NAM
- To assess the current problems of the world with special reference to the Unipolar and Bipolar coupled with the emerging nations
- To analyze the nature and circumstances that led to the rise of regional and international alliances

പ്രോഗ്രാം: മലയാളം : ഭാഷയും സംസ്കാരവും സാഹിത്യവും

സെമസ്റ്റർ : ഒന്ന്

കോഴ്സ് കോഡ് : ML 1111.1

മലയാള കവിത

പഠനോദ്ദേശ്യം

1. മലയാളകവിതയെ സംബന്ധിച്ച സാമാന്യജ്ഞാനം വിദ്യാർത്ഥികൾക്കു നൽകുക.
2. വിദ്യാർത്ഥികളിൽ കാവ്യാഭിരുചിയും കാവ്യാസ്വാദന താല്പര്യവും വളർത്തുക.
3. കവിതകളെ വിശകലനം ചെയ്യാൻ അവരെ പ്രാപ്തരാക്കുക.
4. സെമിനാർ, അസെസ്മെന്റ് തുടങ്ങിയവ മേൽപ്പറഞ്ഞ ലക്ഷ്യങ്ങൾ മുൻനിർത്തി നൽകുക.

കോഴ്സ് കോഡ് : ML 1131

കേരള സംസ്കാരം - ഭാഗം 1

1. കേരളത്തിന്റെ സാംസ്കാരിക പശ്ചാത്തലത്തെക്കുറിച്ച് അറിവു നൽകുക.
2. ഏ.ഡി. 1400 വരെയുള്ള കാലഘട്ടത്തിൽ കേരളത്തിലെ ഭാഷ, സാഹിത്യം, കലാരൂപങ്ങൾ എന്നിവയുടെ വികാസത്തിന് കളമൊരുക്കിയ സാംസ്കാരികവും രാഷ്ട്രീയവുമായ കാര്യങ്ങൾ പഠിക്കുന്നതിന് സഹായകമായ സാംസ്കാരിക വിക്ഷണം ഉണ്ടാകുക.
3. സാംസ്കാരികത്തനിമ തിരിച്ചറിയുക, ദേശീയബോധം വളർത്തുക, മികച്ച പൗരത്വം വികസിപ്പിക്കുക, വിമർശനാത്മക ചിന്ത വളർത്തുക എന്നിവയാണ് ആത്യന്തിക ലക്ഷ്യം.

സെമസ്റ്റർ : രണ്ട്

ഗദ്യസാഹിത്യം : ML 1211.1

പഠനോദ്ദേശ്യം

1. മലയാളഗദ്യസാഹിത്യത്തിലെ പ്രധാന സാഹിത്യരൂപങ്ങളെക്കുറിച്ച് സാമാന്യ വബോധം ഉണ്ടാകുക.
2. തെരഞ്ഞെടുത്ത പാഠങ്ങളുടെ വിശദപഠനത്തിന് പുറമെ അതതു ഗദ്യങ്ങളുടെ ഉല്പത്തി വികാസപരിണാമങ്ങൾ സാമാന്യമായി മനസ്സിലാക്കുക.
3. രചനകളെ സ്വയം വിശകലനത്തിന് വിധേയമാക്കുക.

കോഴ്സ് കോഡ് : ML 1241

നാടകം : ചരിത്രം പാഠം പ്രയോഗം

പാനോദേശ്യം :

നാടകം എന്ന കലാരൂപത്തെ സമഗ്രമായി പരിചയപ്പെടുത്തുകയാണ് ഈ കോഴ്സിന്റെ ഉദ്ദേശ്യം. നാടകമെന്ന കലയുടെ ഉത്ഭവ - വികാസ - പരിണാമചരിത്രം, നാടകത്തിന്റെ സാഹിത്യം, അതിന് ഇതര സാഹിത്യരൂപങ്ങളിൽനിന്നുള്ള വ്യത്യാസം, നാടകാവതരണത്തിന്റെ സവിശേഷതകൾ, അരങ്ങിന്റെ വൈവിധ്യങ്ങൾ എന്നിവ ചരിത്രപരമായി മനസ്സിലാക്കുകയും അത് മലയാളനാടകവുമായി ഇണക്കിക്കൊണ്ട് സവിശേഷപഠനം നടത്തുകയുമാണ് ഇതിലൂടെ ലക്ഷ്യമാക്കുന്നത്. മനുഷ്യന്റെ പ്രാതനമായ കൂട്ടായ്മയിൽനിന്നു രൂപപ്പെടുകയും സാമൂഹികജീവിതത്തിൽ ഓരോ കൂട്ടായ്മയ്ക്കുമുണ്ടായ പരിണാമങ്ങൾക്കനുസരണമായി നിരന്തരം നവീകരിക്കപ്പെടുകയും ചെയ്തുകൊണ്ട് ആധുനികകാലത്തും ശക്തമായി നിലകൊള്ളുന്ന കലയെന്ന നിലയിൽ നാടകത്തെയും അതിന്റെ സാധ്യതകളെയും വിദ്യാർത്ഥികൾ തിരിച്ചറിഞ്ഞേണ്ടതുണ്ട്. നാടകകലയുടെ വിവിധ ഘട്ടങ്ങളിൽ പ്രഭാവം ചെലുത്തിയ അരങ്ങു (തീയേറ്റർ) സങ്കല്പങ്ങൾ, നാടകത്തിന്റെ ആശയസങ്കല്പത്തിൽ വന്ന വ്യതിയാനങ്ങൾ എന്നിവ ചരിത്രപരമായി വിശദീകരിക്കണം. നാടകകലയെ സാമാന്യമായി പരിചയപ്പെടുത്തിക്കൊണ്ട് മലയാളനാടകത്തിന്റെ ചരിത്രത്തെയും പ്രവണതകളെയും കേരളത്തിന്റെ നാട്യപാരമ്പര്യത്തെയും കുറിച്ചു വിശദമാക്കണം. വിശദപഠനത്തിനു നിർദ്ദേശിക്കുന്ന കൃതികൾ കൂടാതെ ആ കാലയളവിലെ പ്രധാനനാടകങ്ങളെയും നാടകകൃത്തുക്കളെയും പരിചയപ്പെടുത്താൻ ശ്രമിക്കണം. അസൈൻമെന്റിന് പാഠേതരഭാഗങ്ങൾ സീകരിക്കാൻ പ്രേരിപ്പിക്കുക.

കോഴ്സ് കോഡ് : ML 1231

കേരളസംസ്കാരം ഭാഗം 2

പാനോദേശ്യം

കേരളത്തിന്റെ സാംസ്കാരിക പശ്ചാത്തലത്തെക്കുറിച്ച് അറിവു നൽകുകയാണ് ലക്ഷ്യം. ഭൂതകാല സംസ്കാരത്തെപ്പറ്റിയും, ചുറ്റുപാടുകളെപ്പറ്റിയും വ്യക്തമായ ധാരണയുണ്ടാക്കുക, സാംസ്കാരികത്തനിമ തിരിച്ചറിയുക, പൗരബോധം വളർത്തുക, സാമൂഹികമാറ്റത്തിനുകുക, വിമർശനാത്മകചിന്ത വളർത്തുക തുടങ്ങിയവ ആത്യന്തിക ലക്ഷ്യമാവണം.

സെമസ്റ്റർ : മൂന്ന്

കോഴ്സ് കോഡ് : ML 1311.1

ദൃശ്യകലാസാഹിത്യം

പാനോദേശ്യം

1. കേരളത്തിലെ ദൃശ്യകലാസംസ്കാരത്തിന്റെ സമ്പന്നതയും വൈവിധ്യവും തിരിച്ചറിയുക.
2. കഥകളി, തുള്ളൽ, നാടകം, സിനിമ എന്നീ ദൃശ്യകലകളെയും അവയ്ക്ക് ആധാരമായ സാഹിത്യപാഠങ്ങളെയും വിദ്യാർത്ഥികൾക്ക് പരിചയപ്പെടുത്തുക.

കോഴ്സ് കോഡ് : ML 1321

ആധുനിക സാങ്കേതികവിദ്യയും മലയാളഭാഷാപഠനവും

പാനോദേശ്യം

1. വിവരസാങ്കേതികവിദ്യയെക്കുറിച്ച് സാമാന്യപരിചയം നേടുക.
2. മലയാളം കമ്പ്യൂട്ടിംഗിനെക്കുറിച്ച് അറിവുണ്ടാവുക.
3. ആധുനിക സാങ്കേതികവിദ്യയുടെ സാധ്യതകൾ പ്രയോജനപ്പെടുത്തി മലയാള ഭാഷയും സാഹിത്യവും പഠിക്കുക.
4. ഇന്റർനെറ്റിലെ ഭാഷാവ്യവഹാരമാതൃകകളും അവയുടെ സാധ്യതകളും മനസ്സിലാക്കുക.
5. മലയാളത്തിലെ സൈബർ സാഹിത്യത്തെക്കുറിച്ച് സാമാന്യ പരിചയം നേടുക.

കോഴ്സ് കോഡ് : ML 1341

സാഹിത്യസിദ്ധാന്തങ്ങൾ : പൗരസ്ത്യവും - പാശ്ചാത്യവും

പാനോദേശ്യം

പൗരസ്ത്യ പാശ്ചാത്യ കാവ്യശാസ്ത്ര സിദ്ധാന്തങ്ങളുടെ പഠനം കാവ്യാസാദന ശേഷിയും നിരൂപണസിദ്ധിയും വർദ്ധിപ്പിക്കുവാൻ സഹായകമാകണം. സിദ്ധാന്തങ്ങളുടെ പഠനത്തോടൊപ്പം പ്രായോഗികജ്ഞാനം സിദ്ധിക്കുന്നതിനായി അസൈൻമെന്റുകൾ നൽകുകയും സെമിനാറുകൾ സംഘടിപ്പിക്കുകയും വേണം.

കോഴ്സ് കോഡ് : ML 1331

പരിസ്ഥിതി : സിദ്ധാന്തവും ആവിഷ്കാരവും

പാനോദേശ്യം

പരിസ്ഥിതിദർശനവുമായി ബന്ധപ്പെട്ട ആശയങ്ങൾ, തത്ത്വങ്ങൾ, പ്രവണതകൾ, പ്രതിഭാസങ്ങൾ എന്നിവയെക്കുറിച്ചുള്ള അറിവുകൾ നേടുക - പ്രകൃതിസ്രോതസ്സുകളെയും അവയുമായി ബന്ധപ്പെട്ട പ്രശ്നങ്ങളെയും കുറിച്ചു മനസ്സിലാക്കുക - പരിസ്ഥിതിയുടെ ജൈവ, സാമൂഹിക, സാംസ്കാരിക, രാഷ്ട്രീയ, സാമ്പത്തിക വശങ്ങൾ, പരിസ്ഥിതിക മേഖലയിൽ മനുഷ്യനുള്ള സ്വാധീനത്തിന്റെ പ്രത്യേകത, ഭൂമിയിൽ ജീവൻ നിലനിർത്തുന്നതിനാവശ്യമായ സാഹചര്യങ്ങൾ എന്നിവയെക്കുറിച്ചു മനസ്സിലാക്കുക - സർഗ്ഗാത്മകതലത്തിൽ, പരിസ്ഥിതിദർശനത്തിന്റെ ഭൂമികയിൽ നിന്നുകൊണ്ട് കലയെയും സാഹിത്യത്തെയും കാണുവാനും വിലയിരുത്തുവാനുമുള്ള മനോഭാവം സൃഷ്ടിക്കുക.

സെമസ്റ്റർ : നാല്

കോഴ്സ് കോഡ് : ML 1411.1

ആശയവിനിമയം, സർഗ്ഗാത്മകരചന, ഭാഷാവബോധം

പഠനോദ്ദേശ്യം

1. വിദ്യാർത്ഥികളുടെ ആശയവിനിമയശേഷി വർദ്ധിപ്പിക്കുക.
2. ഔദ്യോഗിക/ഭരണകാര്യങ്ങളും ശാസ്ത്രവിഷയങ്ങളും മലയാളഭാഷയിലൂടെ അവതരിപ്പിക്കാനുള്ള കഴിവുണ്ടാക്കുക.
3. മലയാളഭാഷ കൈകാര്യം ചെയ്യുമ്പോൾ ഉണ്ടാകാവുന്ന പാകപ്പിഴകൾ സ്വയം തിരുത്താൻ പ്രാപ്തമാക്കുക.
4. പദം, വാക്യം, ചിഹ്നം എന്നിവ തെറ്റുകൂടാതെ പ്രയോഗിക്കുന്നതിലൂടെ ഭാഷാശുദ്ധി നിലനിർത്തുക.
5. മലയാളഭാഷ അനായാസം കൈകാര്യം ചെയ്യാനുള്ള കഴിവ് നേടിക്കൊടുക്കുക.
6. വിവർത്തനത്തിൽ പ്രായോഗിക പരിശീലനം നൽകുക.

കോഴ്സ് കോഡ് : ML 1441

മലയാളകവിത - പൂർവ്വഘട്ടം

പഠനോദ്ദേശ്യം

1. മലയാളകവിതയുടെ വാമൊഴിപാരമ്പര്യം മുതൽ പത്തൊമ്പതാം നൂറ്റാണ്ടു വരെയുള്ള വ്യത്യസ്ത കാവ്യസമ്പ്രദായങ്ങളെയും ചരിത്രഘട്ടങ്ങളെയും പരിചയപ്പെടുക.
2. പ്രാചീന - മദ്ധ്യകാലഘട്ടങ്ങളിലെ കാവ്യപ്രസ്ഥാനങ്ങളെ തിരിച്ചറിയുക.
3. പ്രസ്ഥാനപരമായ കവിതാപഠനത്തോടൊപ്പം കാലം, ദേശം, കവിവ്യക്തിത്വം എന്നിവയിൽ അടിസ്ഥാനധാരണയുണ്ടാക്കുക.
4. കാവ്യവിശകലനത്തിനും കാവ്യാസാദനത്തിനും വഴിയൊരുക്കുക.
5. കാവ്യഭാഷയിൽ സംഭവിച്ച കാലാനുസൃതമായ പരിണാമങ്ങൾ തിരിച്ചറിയുക.
6. താളം, വൃത്തം, അലങ്കാരം, ബീംബസന്നിവേശം, ഇതരകാവ്യസങ്കേതങ്ങൾ എന്നിവയെക്കുറിച്ച് അറിവു നേടുക.

കോഴ്സ് കോഡ് : ML 1442

മലയാളസാഹിത്യനിരൂപണം

പാനോദ്ദേശ്യം:

മലയാളഭാഷയിലെ സാഹിത്യവിമർശനശാഖയെപ്പറ്റി സാമാന്യമായ അവബോധം വിദ്യാർത്ഥികളിലുണ്ടാക്കുക എന്നതാണ് ഈ കോഴ്സിന്റെ ലക്ഷ്യം. മലയാള നിരൂപണത്തിന്റെ ഉൽപ്പത്തിയുടെയും വളർച്ചയുടെയും ഘട്ടങ്ങൾ, പ്രധാന നിരൂപകർ, സമകാലിക നിരൂപണത്തിന്റെ പ്രവണതകൾ എന്നിവ ഇവിടെ പാനവിധേയമാക്കുന്നു. ഒപ്പം പ്രമുഖ നിരൂപകരുടെ വിമർശനമാതൃകകളും പാഠ്യവിഷയമാക്കുന്നു.

കോഴ്സ് കോഡ് : ML 1431

ദലിതെഴുത്ത്, പെണ്ണെഴുത്ത്: സിദ്ധാന്തവും ആവിഷ്കാരവും

പാനോദ്ദേശ്യം:

ദലിത് പാനമെന്ന വിഭജനമേഖലയുടെ പശ്ചാത്തലത്തിൽ മലയാളത്തിലെ ദലിത് സാഹിത്യത്തെ തിരിച്ചറിയുക - മലയാളികളുടെ സാംസ്കാരികവൈവിധ്യം സാഹിത്യ വഴിയിൽ മനസ്സിലാക്കുക - ചരിത്രത്തിന്റെ വ്യത്യസ്ത ഇടങ്ങളിൽ പാർശ്വവൽക്കരിക്കപ്പെട്ട ജനവിഭാഗങ്ങളെയും അവരുടെ സംസ്കാരത്തെയും സാഹിത്യത്തെയും കുറിച്ച് അറിയുക - മുഖ്യധാരാസംസ്കാരത്തിന്റെ സാഹചര്യങ്ങൾക്കു പുറത്ത് രൂപപ്പെട്ട സംസ്കാരത്തിന്റെ ഒരു ജനകീയധാരയെക്കുറിച്ച് ബോധ്യപ്പെടുക.

സമീപകാല സൈദ്ധാന്തികപാനങ്ങളിൽ ഏറെ പരാമർശിക്കപ്പെടുകയും വിമർശിക്കപ്പെടുകയും ചെയ്ത 'സ്ത്രീവാദ'ത്തെ പരിചയപ്പെടുക - ലിംഗപരമായ വ്യത്യസ്തതയുടെ അടിസ്ഥാനത്തിലുള്ള വിവേചനത്തിൽ നിന്നും സ്ത്രീകൾക്കു തുല്യനീതി ഉറപ്പാക്കുക എന്ന ലക്ഷ്യത്തോടെ രൂപപ്പെടുത്തിയ ചിന്താപദ്ധതിയും പ്രവർത്തനവും എന്ന നിലയിൽ അതിനെ തിരിച്ചറിയുക - സ്ത്രീകളുടെ വൈയക്തികവും സാമൂഹികവുമായ യാഥാർത്ഥ്യത്തെ വെളിപ്പെടുത്തുകയും ലിംഗക്രേന്ദ്രിതമായ എല്ലാത്തരം പാർശ്വവൽക്കരണത്തെയും ചെറുക്കുകയുമാണ് അതിന്റെ രീതിശാസ്ത്രം എന്നു മനസ്സിലാക്കുക - ഫെമിനിസത്തിന്റെ ചരിത്രവികാസത്തിന്റെയും സിദ്ധാന്തങ്ങളുടെയും പൊതു പശ്ചാത്തലത്തിൽ മലയാളത്തിലെ സ്ത്രീപക്ഷരചനകളെ പഠിക്കുക.

സാംസ്കാരത്തിലെ വംശ, വർഗ്ഗ, മത, ജാതി, ലിംഗനിർണയനങ്ങളെക്കുറിച്ചുള്ള ധാരണ നവീകരിക്കുകയും മാറുന്ന ലോകത്തിന്റെ പരിതഃസ്ഥിതികളിൽ നിന്നുകൊണ്ട് ഒരു പുതിയ മാനവീയതയെക്കുറിച്ചുള്ള അവബോധം സൃഷ്ടിക്കുകയും ചെയ്യുക എന്നതാണ് ഈ കോഴ്സിന്റെ സവിശേഷ ലക്ഷ്യം.

സെമസ്റ്റർ : അഞ്ച്

കോഴ്സ് കോഡ് : ML 1541

ഭാഷാശാസ്ത്രം - ഭാഷാചരിത്രം

പഠനോദ്ദേശ്യം

ഭാഷയുടെ ശാസ്ത്രീയപഠനമാണ് ഭാഷാശാസ്ത്രം. ഭാഷാസ്വരൂപം അപഗ്രഥിച്ച് ഭാഷാനിയമം രൂപവൽക്കരിക്കുക, കണ്ടെത്തിയ നിയമപദ്ധതി ഭാഷകളിൽ പ്രയോഗിക്കുക എന്നിങ്ങനെ രണ്ടു സുപ്രധാന ലക്ഷ്യങ്ങളാണ് ഭാഷാശാസ്ത്രത്തിനുള്ളത്. ഭാഷാശാസ്ത്രത്തിൽ താല്പര്യമുള്ളവർക്കാൽ പര്യാപ്തമായ പ്രാഥമിക പഠനമാണ് ഇവിടെ ലക്ഷ്യമാക്കുന്നത്.

കോഴ്സ് കോഡ് : ML 1542

ചെറുകഥാപഠനം

പഠനോദ്ദേശ്യം

1. ചെറുകഥാസാഹിത്യത്തിന്റെ ഉദ്ഭവത്തെക്കുറിച്ചും വളർച്ചയെക്കുറിച്ചും മനസ്സിലാക്കുക.
2. മലയാളചെറുകഥാചരിത്രത്തിലെ വ്യത്യസ്ത കാലഘട്ടങ്ങളെയും പ്രവണതകളെയും കുറിച്ച് പഠിക്കുക.
3. സമകാലിക മലയാളചെറുകഥകളുടെ രൂപതലത്തിലും ഭാവതലത്തിലുമുള്ള സവിശേഷതകൾ മനസ്സിലാക്കുക.
4. ചെറുകഥകളെ ചരിത്രപരമായും സാംസ്കാരികമായും വിശകലനംചെയ്യാനും വിലയിരുത്താനും വിദ്യാർത്ഥികളെ പ്രാപ്തരാക്കുക.
5. വിദ്യാർത്ഥികളിൽ ആസ്വാദനശേഷി വളർത്തുക.

കോഴ്സ് കോഡ് : ML 1543

വിവർത്തനം: സിദ്ധാന്തവും പ്രയോഗവും

പഠനോദ്ദേശ്യം

വ്യത്യസ്ത സമൂഹങ്ങൾ തമ്മിലുള്ള സമ്പർക്കത്തെ ആശയവിനിമയത്തിലൂടെ ദൃഢവും അനായാസവും ആകുന്നതിന് സഹായകമായ മാധ്യമമെന്ന നിലയിൽ വിവർത്തനത്തിന് സുപ്രധാനമായ സ്ഥാനമാണുള്ളത്. സാഹിത്യത്തിന്റെ ആശയപരമായ വികാസത്തിനും സമ്പന്നതയ്ക്കും വിവർത്തനം നല്കുന്ന സംഭാവനകളും അതിപ്രധാനമാണ്. അതിനാൽ വിവർത്തനത്തിന്റെ സ്വഭാവവും പ്രയോജനവും ആധുനിക കാലത്തെ അതിന്റെ സാധ്യതകളും പഠനവിധേയമാക്കേണ്ടതുണ്ട്.

വിവർത്തനത്തിന്റെ സ്വഭാവം, അതിന്റെ വ്യത്യസ്ത സമീപനങ്ങൾ, അതിന്റെ സിദ്ധാന്തങ്ങൾ, സാഹിത്യവിവർത്തനത്തിന്റെ പ്രശ്നങ്ങൾ എന്നിവ മനസ്സിലാക്കുക എന്നതാണ് ഈ കോഴ്സിന്റെ ലക്ഷ്യം.

കോഴ്സ് കോഡ് : ML 1544
ജീവചരിത്രം, ആത്മകഥ, യാത്രാനുഭവം

പാനോദേശ്യം:

മലയാളസാഹിത്യപഠനത്തിൽ ജീവചരിത്രം, ആത്മകഥ, സ്മരണകൾ, ഓർമ്മക്കുറിപ്പുകൾ, ഡയറിക്കുറിപ്പുകൾ, ജീവിതാനുഭവസാഹിത്യം എന്നിവയ്ക്കുള്ള സവിശേഷസ്ഥാനം വിദ്യാർത്ഥികൾ മനസ്സിലാക്കുക - വ്യക്തിചരിത്രത്തിന്റെ പഠനത്തിലൂടെ സാമൂഹികജീവിതത്തെ വിശകലനം ചെയ്യാനുള്ള ശേഷി ആർജ്ജിക്കുക - സ്വകാര്യമനസ്സിന്റെ സങ്കീർണ്ണതലങ്ങളെക്കുറിച്ച് അവബോധം ആർജ്ജിക്കുന്നതോടൊപ്പം ആത്മപ്രഗഥനത്തിനും ആത്മാവിഷ്കാരത്തിനും പ്രാപ്തി നേടുക - ജീവചരിത്രം, ആത്മകഥ, ജീവിതാനുഭവം, യാത്രാനുഭവം തുടങ്ങിയവ രചിക്കാനുള്ള അഭിരുചി ഉണ്ടാക്കുക.

കോഴ്സ് കോഡ് : ML 1545

തിരക്കഥയും സിനിമയും

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വർത്തമാനകാലം മാധ്യമങ്ങളുടേതാണ്. മാധ്യമയുഗത്തിന്റെ വേഗതയിൽനിന്നും സംവാദങ്ങളിൽനിന്നും മാറിനിന്ന് കലാസ്വാദനം നിർവഹിക്കുവാൻ ആഗ്രഹിക്കുന്നവർക്ക് ആ കാലഘട്ടത്തിന്റെതന്നെ നിർമ്മിതിയാണ് സിനിമ. രൂപീകരണപക്ഷത്തും ആസ്വാദനത്തിലും സംഘസ്വഭാവമാണ് സിനിമ പുലർത്തുന്നത്. സിനിമാപഠനത്തിന് വിവിധ രീതികളുണ്ട്. സിനിമയുടെ സ്വഭാവവും നിർമ്മിതിയും സൗന്ദര്യശാസ്ത്രവുമെല്ലാമായി ഈ പഠനം ബന്ധപ്പെട്ടുനിൽക്കുന്നു. ഇവിടെ സിനിമയുടെ സാഹിത്യപക്ഷത്തിന് പ്രധാനവും നൽകി അതിന്റെ സാമാന്യസ്വഭാവം വിദ്യാർത്ഥികളെ പരിചയപ്പെടുത്തുന്നു.

കോഴ്സ് കോഡ് : ML 1511.1

കേരളീയകലകൾ

പാനോദേശ്യം:

കലകളുടെ വിശാലമായ സൗന്ദര്യലോകത്തേക്ക് വിദ്യാർത്ഥികളെ ആനയിക്കുകയും അവരുടെ കലാവാസനകൾക്ക് ഉന്മേഷവും പ്രേരണയുമുണ്ടാക്കുകയും കലാസ്വാദനത്തിലൂടെ മാനസികമായ വികാസം സാധ്യമാക്കുകയും ചെയ്യുകയെന്നതാണ് ഈ കോഴ്സിന്റെ പ്രാഥമികോദേശ്യം. കേരളീയകലകളുടെ പൊതു അവലോകനത്തിലൂടെ അവയുടെ ഉള്ളിലേക്കിറങ്ങിക്കൊണ്ട് കേരളത്തിന്റെ കലാചരിത്രവും സംസ്കാരവും മനസ്സിലാക്കാനും വാക്കും വസ്തുവും ശരീരവും സമന്വയിക്കുന്ന കേരളീയഭാവനയുടെ ഔന്നത്യം തിരിച്ചറിയാനും വിദ്യാർത്ഥികളെ പ്രാപ്തരാക്കുക എന്നതിനാണ് ഊന്നൽ നൽകേണ്ടത്. അസൈൻമെന്റിന് ഏതെങ്കിലും കലാരൂപത്തിന്റെ അവതരണം നേരിൽക്കണ്ട് വിവരണം നൽകുന്നതിനും പ്രേരിപ്പിക്കാവുന്നതാണ്. പരസ്പരപുരകങ്ങളാണെങ്കിലും കേരളീയകലകളെ സാമാന്യമായി മാധ്യമത്തെ അടിസ്ഥാനമാക്കി രണ്ടായി തിരിച്ചുകൊണ്ടുള്ള സമീപനമാണ് ഇവിടെ സ്വീകരിച്ചിരിക്കുന്നത്. ഓരോ വിഭാഗത്തിലും ഉൾപ്പെടുന്ന അനേകം കലകളുണ്ടെങ്കിലും പ്രധാനപ്പെട്ടവയെ പരിചയപ്പെടുത്തുകയെന്ന ഉദ്ദേശ്യത്തിലാണ് പേരുകൾ പരാമർശിക്കുന്നത്.

കോഴ്സ് കോഡ് : ML 1511.2

തിരക്കഥാരചന : തത്വവും പ്രയോഗവും

പഠനലക്ഷ്യം

സിനിമ രൂപീകരിക്കാനുള്ള പഠനമെന്ന നിലയിലാണ് തിരക്കഥയുടെ പ്രഥമ അസ്തിത്വം. സിനിമ ഒരു കലാമാധ്യമവും വ്യവസായ ഉല്പന്നവുമായതോടെ അതിന്റെ നിർമ്മിതിക്ക് മാർഗ്ഗരേഖയായ തിരക്കഥയ്ക്കും പ്രസക്തിയേറി. ടെലിവിഷൻ, മൊബൈൽ ഫോൺ തുടങ്ങിയ മാധ്യമങ്ങൾ ദൃശ്യചാര്യതയോടെ കഥാഖ്യാനം നിർവ്വഹിക്കുന്ന കാലത്ത് അവയുടെ പഠനമെന്ന നിലയിൽ തിരക്കഥയ്ക്കും സവിശേഷമായ പ്രസക്തി യുണ്ടായി. തിരക്കഥയുടെ പഠനത്തിന് പ്രധാനമായും മൂന്ന് മേഖലകളാണുള്ളത്. തിരക്കഥ യുടെ രചനാശാസ്ത്രം പഠിപ്പിക്കുന്ന രീതി, തിരക്കഥ പരിവർത്തനപ്പെട്ട് സിനിമയാ കുന്ന രീതി, തിരക്കഥയെ സാഹിത്യമായി കണ്ട് വായിക്കുകയും, വിശകലനം ചെയ്യുകയും ചെയ്യുന്ന രീതി എന്നിവയാണ് പഠനമേഖലകൾ. തിരക്കഥയുടെ രചനക്ക് ഭാവനയ്ക്കും സർഗ്ഗാത്മകതയ്ക്കുമൊപ്പം പ്രായോഗികമായ കുറെ അറിവുകൾകൂടി ആർജ്ജിച്ചെടു കേണ്ടതുണ്ട്.

കോഴ്സ് കോഡ് : ML 1511.3

മലയാളപത്രപ്രവർത്തനം

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മലയാള പത്രപ്രവർത്തനമേഖല ഭാഷയ്ക്കും സംസ്കാരത്തിനും സാഹിത്യത്തിനും നൽകിയിട്ടുള്ള സംഭാവന നിസ്തീമമാണ്. ജനതയുടെ ഭാഷയെയും സംസ്കാരത്തെയും സർഗ്ഗചോദനകളെയും പരിപോഷിപ്പിക്കുന്നതിൽ പത്രമാധ്യമങ്ങൾ വലിയ പങ്ക് വഹിച്ചിട്ടുണ്ട്. കേരളത്തിൽ ഒരു പൊതുഭാഷ സൃഷ്ടിക്കുകയും വളർത്തിയെടുക്കുകയും ഭാഷയുടെ പ്രാദേശികഭേദങ്ങൾക്കപ്പുറത്ത് കേരളത്തെ ഒരുമിപ്പിച്ചു നിർത്തുകയും ചെയ്യുന്നതിൽ ഈ മാധ്യമം വഹിക്കുന്ന പങ്ക് വലുതാണ്. ഈ പശ്ചാത്തലത്തിൽ, ഭാഷ യുടെയും സാഹിത്യത്തിന്റെയും പഠനത്തിൽ ഒഴിച്ചു കൂടാനാവാത്തതാണ് പത്രമാധ്യമ പഠനം.

സെമസ്റ്റർ : ആറ്
കോഴ്സ് കോഡ് : ML 1641
മാധ്യമലോകം

പഠനോദ്ദേശ്യം:

മാധ്യമങ്ങളുടെ അനന്ത സാധ്യതയുള്ള ലോകം വിദ്യാർത്ഥികൾക്ക് പരിചിതമാ ക്കുക എന്നതാണ് കോഴ്സിന്റെ പ്രധാനലക്ഷ്യം. ശാസ്ത്രീയവും യുക്ത്യധിഷ്ഠിതവു മായ ചിന്തയിലൂടെ വിവരസംഭരണവിദ്യയുടെ കാലത്ത് ജീവിക്കുവാൻ പഠിതന്മാർക്ക് അവസരം ഉണ്ടാവണം. നവീനവിജ്ഞാനം പകർന്നുനൽകുന്ന സ്രോതസ്സുകളെക്കുറിച്ച് വിദ്യാർത്ഥികളെ അഭിജ്ഞരാക്കുക, മാധ്യമങ്ങളുടെ വളർച്ചയിലൂടെ സമൂഹത്തിനു കൈവന്ന സാംസ്കാരികോന്നമനത്തെക്കുറിച്ച് അറിവുനൽകുക, റേഡിയോ, ടെലിവിഷൻ പരിപാടികളുടെ ആസ്വാദനത്തിനും വിലയിരുത്തലിനും വിദ്യാർത്ഥികളെ പ്രാപ്തരാ ക്കുക, പ്രതിഭാധനരായ കുട്ടികൾക്ക് മാധ്യമലോകത്തേക്കു കടന്നുവരാൻ പ്രചോദനമേകുക - ഇതെല്ലാം ഈ കോഴ്സിന്റെ ലക്ഷ്യങ്ങളാണ്.

കോഴ്സ് കോഡ് : ML 1642

മലയാളവ്യാകരണം

പാനോദ്ദേശ്യം

1. വർണ്ണം, അക്ഷരം, പദം, വാക്യം എന്നീ തലങ്ങളിൽ മലയാളത്തിന്റെ അടിസ്ഥാന സ്വഭാവം എന്തെന്ന് മനസ്സിലാക്കി തെറ്റുകൂടാതെ മലയാളം ഉപയോഗിക്കാൻ പ്രാപ്തമാക്കുക.
2. ഭാഷയുടെ അടിസ്ഥാന തത്വങ്ങളിലൂന്നിയ വ്യാകരണപഠനത്തിലൂടെ ബിരുദ തല മലയാളപഠനം കരുത്തുറ്റതാക്കുക.
3. ഒരു ജീവൽഭാഷ എന്ന നിലയിൽ ചലനാത്മകമായ മലയാളഭാഷയും ഭാഷാനിയമങ്ങളും നിരന്തരം മാറിക്കൊണ്ടിരിക്കുന്നു എന്ന വസ്തുത ബോധ്യപ്പെടുത്തുക.
4. ഭാഷയെ വിശകലനം ചെയ്ത് ഭാഷാസ്വരൂപം നിർണ്ണയിക്കാൻ പ്രാപ്തമാക്കുക.
5. മലയാളഭാഷയെ അപഗ്രഥിച്ച് പ്രയോഗങ്ങളെ മനസ്സിലാക്കുക.

കോഴ്സ് കോഡ് : ML 1643

മലയാളകവിത - ഉത്തരഘട്ടം

ഉദ്ദേശ്യലക്ഷ്യങ്ങൾ

1. ഇരുപതാം നൂറ്റാണ്ടിന്റെ ആരംഭം മുതൽ ഇന്നോളം മലയാളകവിതയിലുണ്ടായ ഭാഷാപരവും ഭാവുകത്വപരവുമായ പരിണാമം മനസ്സിലാക്കുക.
2. മലയാളകവിതയിലെ നവോത്ഥാനാനന്തര പ്രവണതകളെക്കുറിച്ച് മനസ്സിലാക്കുക.
3. പാശ്ചാത്യകവിതാസമ്പർക്കത്തിന്റെ ഫലമായി മലയാളകവിതയുടെ രൂപത്തിൽ സംഭവിച്ച മാറ്റം ഗ്രഹിക്കുക.
4. പ്രതീകം, ബിംബകല്പന തുടങ്ങിയ ആവിഷ്കരണോപാധികളുടെ വിനിമയഗത്തെപ്പറ്റി അറിയുക.
5. ആധുനികതയുടെ കടന്നുവരവിനെ ചരിത്രപരമായും കാവ്യാപഗ്രഥനത്തിലൂടെയും തിരിച്ചറിയുക.
6. ആധുനികാനന്തരകവിതയുടെ സ്വഭാവം മനസ്സിലാക്കുക.
7. സമകാലിക മലയാളകവിതയെ പരിചയപ്പെടുക.

കോഴ്സ് കോഡ് : ML 1644

നാടോടിവിജ്ഞാനീയം

പാനോദ്ദേശ്യം

1. കേരളസംസ്കൃതിയും പാരമ്പര്യവുമായി ബന്ധപ്പെട്ട നാടോടി വിജ്ഞാനീയത്തെക്കുറിച്ച് അറിയാനുള്ള അവസരം ഒരുക്കുക.
2. നാടോടിവിജ്ഞാനീയം എന്ന പഠനശാഖയെ ഏറ്റവും പുതിയ ചിന്തകളുടെയും സമീപനത്തിന്റെയും വെളിച്ചത്തിൽ മനസ്സിലാക്കുക.
3. നാടൻ സംസ്കാരരൂപങ്ങളെ വിമർശനാത്മകമായി വിലയിരുത്തുക.

കോഴ്സ് കോഡ് : ML 1651.1

താരതമ്യസാഹിത്യം

പഠനോദ്ദേശ്യം:

സാഹിത്യത്തിന്റെ സാമൂഹിക ബന്ധത്തിലും സാംസ്കാരികാടിസ്ഥാനത്തിലും ഊന്നുന്ന പഠനസമ്പ്രദായമാണ് താരതമ്യസാഹിത്യം. സാഹിത്യത്തെ ഉപകരണവും താരതമ്യത്തെ മാർഗ്ഗവും ആക്കുന്ന ഈ അന്വേഷണരീതിയുടെ അടിസ്ഥാനലക്ഷ്യം സംസ്കാരപഠനമാണ്. സാഹിത്യത്തിന്റെ ദേശീയവും അന്തർദ്ദേശീയവും ആയ ഊർജ്ജസ്സുകളെ തിരിച്ചറിയുക, ദേശ, കാല, ഭാഷ, രാഷ്ട്രപരമായ വ്യത്യസ്തതകൾക്കിടയിലും മാനവികമായ മൗലിക സാധാരണതകളെ കണ്ടെത്തുക, ദേശീയതയിൽ ചുവടുറപ്പിച്ചുകൊണ്ട് അന്തർദ്ദേശീയവികസനത്തിലേക്ക് വളരുക, ഭാരതത്തിന്റെ സാംസ്കാരിക സവിശേഷതകളെ മനസ്സിലാക്കുക, സിദ്ധാന്തങ്ങൾ മനസ്സിലാക്കാനുള്ള ശേഷി കൈവരിക്കുക എന്നിവയാണ് ഈ കോഴ്സിന്റെ ലക്ഷ്യം.

കോഴ്സ് കോഡ് : ML 1651.2

ഭാഷാസാഹിത്യസംവാദങ്ങൾ

ഭാഷയുടെയും സാഹിത്യത്തിന്റെയും വികാസത്തിനും പരിവർത്തനത്തിനും പല കാലങ്ങളിലുണ്ടാകുന്ന സംവാദങ്ങൾ കാരണമാകാറുണ്ട്. ഭാഷാസാഹിത്യമണ്ഡലങ്ങളെ ചലനാത്മകമാക്കാനും പുതിയതരം അന്വേഷണങ്ങൾക്കും കണ്ടെത്തലുകൾക്കും ആരോഗ്യകരവും കാലോചിതവുമായ മാറ്റത്തിനും സംവാദങ്ങൾ നിർണ്ണായകമായ പങ്കുവഹിക്കുന്നുണ്ട്. ചിലപ്പോൾ എഴുത്തിന്റെ ദിശയെയോ മറ്റു ചിലപ്പോൾ ഭാവുകതയ്ക്കിന്റെ ദിശയെയോ മാറ്റിത്തീർക്കാനും സംവാദങ്ങൾ ഇടയാക്കുന്നു. സമരങ്ങൾ സമൂഹത്തെയെന്ന പോലെ സംവാദങ്ങൾ സാഹിത്യത്തെ പരിവർത്തിപ്പിക്കാം. ഭാഷയെയോ സാഹിത്യത്തെയോ സംബന്ധിച്ച പുതിയ അറിവുകൾ, സമീപനങ്ങൾ, സാമൂഹികമോ രാഷ്ട്രീയമോ ആയ ചില ആശയങ്ങളുടെ സ്വാധീനം എന്നിവയൊക്കെ സംവാദങ്ങളുണ്ടാകാൻ കാരണമാകാറുണ്ട്. സാഹിത്യത്തിന്റെ അടിസ്ഥാനപരമായ ഘടനയിലോ ഉദ്ദേശ്യലക്ഷ്യങ്ങളിലോ പ്രമേണയാണെങ്കിലും ചില തിരുത്തലുകളോ ചലനങ്ങളോ ഉണ്ടാക്കാൻ സംവാദങ്ങൾ കൊണ്ട് സാധിക്കാറുണ്ട്. വായനയുടെ ദിശാനിർണ്ണയനത്തിനുപോലും സംവാദങ്ങൾ വഴിതുറക്കാം.

മലയാളഭാഷയുടെയും സാഹിത്യത്തിന്റെയും മേഖലകളിൽ ഗവേഷണാത്മകവും ഉന്മേഷകരവുമായ ചലനങ്ങളുണ്ടാക്കുകയും പുതിയ വഴികളിലൂടെ സഞ്ചരിക്കാൻ പ്രേരിപ്പിക്കുകയും ചെയ്ത സംവാദങ്ങളുടെ പരിചയപ്പെടലാണ് ഈ കോഴ്സിലൂടെ ഉദ്ദേശിക്കുന്നത്. സാഹിത്യത്തെ നവീകരിക്കുന്നതിനാവശ്യമായ ഊർജ്ജസ്വലമായ ഇടപെടലുകളായി മാറിയ ഭാഷാസാഹിത്യസംവാദങ്ങളാണിവിടെ ഉൾപ്പെടുത്തുന്നത്. ഇത് മലയാളസാഹിത്യചരിത്രത്തിന്റെ വളർച്ചയുടെയും അഭിരുചിപരിണാമത്തിന്റെയും രേഖാചിത്രം കൂടി നൽകുന്നതാണ്. ചില സംവാദങ്ങൾ സ്വതഃബോധത്തെ പ്രകാശിപ്പിക്കുമ്പോൾ മറ്റു ചിലത് വ്യവസ്ഥാപിതമായ അധീശപ്രവണതകൾക്കു നേരെയുള്ള പ്രതിഷേധങ്ങളായും സാമൂഹികമോ ആശയപരമോ ആയ തുറസ്സുകളായും മാറുന്നതു കാണാം. പ്രതിഷേധവും പ്രതിരോധവും നവീനാശയങ്ങളും ഇടകലർന്ന സംവാദജ്വലിയിലൂടെയുള്ള സഞ്ചാരം, ഭാഷാസാഹിത്യമണ്ഡലങ്ങളിലെ പരിണാമത്തിന്റെ സഭാവങ്ങളിലൊന്നിനെ ബോധ്യപ്പെടുത്തും. സംവാദത്തിന്റെയും ഇടപെടലിന്റെയും ക്രിയാത്മകമായ അവബോധം കൃതികളിൽ വളർത്താനും അത് ക്ലാസ്സ് മുറികളിൽ പ്രയോജനപ്പെടുത്താനും പ്രേരിപ്പിക്കണം.

BSc Botany- Course outcomes

SEMESTER-I

Course code BO 1141

ANGIOSPERM ANATOMY, REPRODUCTIVE BOTANY AND PALYNOLOGY

EXPECTED OUTCOME

- ⌘ Students are able to understand the complexities of cell wall organization, microscopic and sub microscopic structures.
- ⌘ Students can distinguish various anatomical features of monocots and dicots (stem and root) with respect to permanent tissues and tissue systems.
- ⌘ Identify and differentiate male and female gametophyte development in angiosperms.
- ⌘ Distinguish monocot and dicot embryo and the basic features of pollen grains.

SEMESTER-II

Course code : BO 1221

FOUNDATION COURSE

METHODOLOGY AND PERSPECTIVES IN PLANT SCIENCES

EXPECTED OUTCOME

- ⌘ Students will be familiarized with the fundamental characteristics of Science.
- ⌘ Develops an idea about involvement of science in improvement of human life.
- ⌘ Create awareness of scientific approach towards life and learns the values of ethics in science.
- ⌘ Develops skills to interpret scientific data using basic statistical methods.
- ⌘ Create skills to prepare specimens for microscopic and gross anatomical studies and familiarize with different microscopic methods for sample analysis.
- ⌘ Students become able to prepare buffers, measure pH, separate plant pigments and construct absorption spectrum of a sample.

SEMESTER-III

Course code : BO 1341

MICROBIOLOGY, PHYCOLOGY, MYCOLOGY, LICHENOLOGY AND PLANT PATHOLOGY

EXPECTED OUTCOME

- ⌘ The student can prepare micro preparations and identify the thallus and reproductive structures of lower plant groups like algae, fungi and lichen
- ⌘ An awareness created among students about various microbes, structure and economic importance
- ⌘ Students can use effectively the methodology to isolate and identify bacteria present in curd and root nodules
- ⌘ Can identify various plant diseases, etiology of pathogens and control measures
- ⌘ Able to prepare fungicides like tobacco decoction and Bordeaux mixture

SEMESTER-IV

Course code : BO 1441

BRYOLOGY, PTERIDOLOGY, GYMNOSPERMS AND PALAEOBOTANY

SEMESTER-V

EXPECTED OUTCOME

- ⌘ Students are able to make micropreparations of thallus and reproductive structures of as well as better understanding of the life cycle of selected members of Bryophytes, Pteridophytes and Gymnosperms
- ⌘ Can understand the economic and ecologic importance of lower groups of plant kingdom
- ⌘ Better understanding of fossilization and importance of Palaeobotany
- ⌘ Identify various parts of fossil plants through micro slides

Course Code :BO1541

ANGIOSPERM MORPHOLOGY, SYSTEMATIC BOTANY, ECONOMIC BOTANY, ETHNO BOTANY AND PHARMACOGNOSY

EXPECTED OUTCOME

- ⌘ Students are able to make micropreparations of thallus and reproductive structures of as well as better understanding of the life cycle of selected members of Bryophytes, Pteridophytes and Gymnosperms
- ⌘ Can understand the economic and ecologic importance of lower groups of plant kingdom
- ⌘ Better understanding of fossilization and importance of Palaeobotany
- ⌘ Identify various parts of fossil plants through micro slides

Course code: BO 1542

CELL BIOLOGY, GENETICS AND EVOLUTIONARY BIOLOGY ENVIRONMENTAL STUDIES AND PHYTOGEOGRAPHY

EXPECTED OUTCOME

- ⌘ Develops awareness about natural resources, its conservation and importance of sustainable lifestyles.
- ⌘ Understands and identify different ecosystems and ecosystem processes.
- ⌘ Develops deep understanding about biodiversity and importance of its conservation
- ⌘ Develops skills to identify polluted sites, its major pollutants and recognize the need to mitigate environmental pollution
- ⌘ Awareness about different types of disasters and to adopt strategies to overcome and reduce the impact
- ⌘ Identify the importance of phytogeographical sites in India

Course Code : BO 1543

CELL BIOLOGY, GENETICS AND EVOLUTIONARY BIOLOGY

EXPECTED OUTCOME

- ⌘ Students have a better understanding of cell structure and cell organelles
- ⌘ Can prepare microslides of cell divisions and identify various stages of mitosis and meiosis
- ⌘ Able to workout problems in classical genetics, modified mendelian ratios and population genetics
- ⌘ Able to understand genetic diseases and their inheritance
- ⌘ Understand evolutionary principles, theories and methods of speciation

SEMESTER-VI

Course code : BO 1641

PLANT PHYSIOLOGY AND BIOCHEMISTRY

Expected outcome of the Course

- ⌘ Students get a clear understanding of the basic concepts of Physiology and Biochemistry.
- ⌘ Understands photosynthesis, respiration, plant growth regulators, nitrogen metabolism and stress physiology
- ⌘ Familiarization of basic physiological practical procedures.
- ⌘ Students get the basic knowledge about the macromolecules and their overall

MOLECULAR BIOLOGY, GENERAL INFORMATICS & tests. BIOINFORMATICS

Expected outcome

- ⌘ Understands DNA as genetic material, develops awareness about chemical composition and different types of DNA including their replication method.
- ⌘ Students understand various molecular aspects of gene expression and regulation of genes
- ⌘ Develops awareness about various academic services applied for their studies
- ⌘ Awareness about features of a computer, different application and system software.
- ⌘ Recognizes the need for safe use of internet and also become aware about health issues related to over usage of computers and mobile phones as well as cyber crimes and cyber laws.
- ⌘ Students will be familiarized to molecular phylogeny, Biological Databases, Sequence analysis, Genomics, Proteomics & Comparative genomics

Course code : BO 1643

HORTICULTURE, PLANT BREEDING & RESEARCH

Expected outcome

- ⌘ Students able to identify and use various horticultural implements
- ⌘ Can propagate plants through grafting, budding and layering & can prepare manures, fungicides etc
- ⌘ Can effectively do plant breeding methods and understands their practical application in betterment of food crops
- ⌘ Can devise an experimental design and carry out a project
- ⌘ Students trained about various steps for the conduct of a research project and write a project report

OPEN COURSE

Course code : BO1551.1 HORTICULTURE

Expected outcome

- ⌘ Students are familiarized in horticulture implements and methods of gardening
- ⌘ Better understanding of commercial horticulture, flower arrangement, cut flowers
- ⌘ Can understand about land scaping, fertilizers and Plant protection

SEMESTER-VI

Course code : BO1651

OPEN COURSE-II - ELECTIVE BIOTECHNOLOGY AND NANO BIOTECHNOLOGY

Expected outcome

1. Students are familiarized in preparation of culture solutions, sterilization, inoculation of explants, induction of callus and morphogenesis
2. They are familiarized in biotechnological tools like RFLP, RAPD and PCR techniques
3. Use of equipments and tools in biotechnology
4. Understanding of ethical and legal issues in biotechnology and basic knowledge about IPR
5. Better understanding of nanosystems, biosensors and application of nanotechnology in biological systems

BSc Physics- Course objectives

AIM AND OBJECTIVES OF THE PROGRAMME

In this programme, we aim to provide a solid foundation in all aspects of Physics and to show a broad spectrum of modern trends in physics and to develop experimental, computational and mathematical skills of students. The syllabi are framed in such a way that it bridges the gap between the plus two and post graduate levels of physics by providing more or less complete and logical framework in almost all areas of basic Physics.

The programme also aims to

- (i) Provide education in physics of the highest quality at the undergraduate level and generate graduates of the calibre sought by industries and public service as well as academic teachers and researchers of the future.
- (ii) Attract outstanding students from all backgrounds.
- (iii) Provide an intellectually stimulating environment in which the students have the opportunity to develop their skills and enthusiasms to the best of their potential.
- (iv) Maintain the highest academic standards in undergraduate teaching.
- (v) Impart the skills required to gather information from resources and use them.
- (vi) Equip the students in methodology related to Physics.

Objectives

By the end of the first year (2nd semester), the students should have,

- (i) Attained a common level in basic mechanics and properties of matter and laid a secure foundation in mathematics for their future courses.
- (ii) Developed their experimental and data analysis skills through a wide range of experiments in the practical laboratories.

By the end of the fourth semester, the students should have

- i. Been introduced to powerful tools for tackling a wide range of topics in Thermodynamics, Electrodynamics, Classical Mechanics and Relativistic Mechanics.
- ii. Become familiar with additional relevant mathematical techniques.
- iii. Further developed their experimental skills through a series of experiments which also illustrate major themes of the lecture courses.

By the end of the sixth semester, the students should have

- i. Covered a range of topics in almost all areas of physics including Quantum Physics, Solid State Physics, Computational Physics, Electronics etc.
- ii. Had experience of independent work such as projects, seminars etc.
- iii. Developed their understanding of corePhysics.

BSc Zoology- course outcomes

Zoology Core Course I

Animal-Diversity I . Course code- ZO1141

Objectives of the course

- To learn the fundamental characteristics of science as a human enterprise
- To understand how science works
- To study to apply scientific methods independently

Semester II

Zoology Core Course II

Animal Diversity II

Course Code - ZO1241

Objectives Of the course

- To learn the basics of systematics and understand the hierarchy of different categories.
- To learn the diagnostic characters of different phyla through brief studies of examples.
- To obtain an overview of economically important invertebrate fauna.

Semester III

Foundation Course II

Experimental Zoology, Instrumentation

Biostatistics and Bioinformatics

Course Code: ZO. 1341

Objectives of the course

- To learn the general characteristics and classification of different classes of vertebrates.
- To understand the vertebrate evolutionary tree.
- To understand general aspects of applied interest in relation to vertebrates

Semester IV

Zoology Core course III

ECOLOGY, HABITAT DESTRUCTION & DISASTER MANAGEMENT

Course code – ZO 1441

Course Outcomes

- Students get basic knowledge on ecosystem, food chain, food web and energy flow.
- Students acquire general awareness on pollution and their impacts.
- Imparts basic knowledge on ecosystems and their functioning.
- Students learn about various types of anthropogenic pressures on ecosystem, related degradation and management measures.
- Students get awareness of toxicants, their impacts on human health and environment and remedial measures.
- Create awareness about disasters, prevention and mitigation measures.

Zoology Core Course IV

Practical I – Instrumentation,

Animal Diversity I and Animal Diversity II

Course Code – ZO 1442

Course Outcomes

- Students learn anatomy by dipping through simple dissections and mountings on permitted species.
- Students get familiarized with various organ systems by examining approved animals.
- Emphasize the adage that 'seeing is believing' by observing typical examples and economically important specimens.
- Students learn the working principle of different scientific instruments.
- Students become familiar with economically important species.
- Strengthen what students studied in theory by giving them an opportunity to have first-hand experience in lab as well as outside.

Semester V

Zoology Core course V Cell and Molecular Biology Course code – ZO 1541

Course Outcomes

- Students acquire sufficient knowledge on the fundamental structure, function and biochemistry of the cell.
- They understand the principles of molecular biology and gene manipulation.
- Students learn ultra-structure of prokaryotic and eukaryotic cells.
- Students understand the fundamental differences between prokaryotic and eukaryotic cells.
- Students learn the structure, replication and modification of the genetic material of eukaryotes.
- Students understand the mechanism of gene expression and gene regulation.
- Gets an awareness of bacterial recombination.
- Students acquire scientific knowledge on cancer and ageing.

Zoology Core Course VI Genetics and Biotechnology Course Code – ZO. 1542

Course Outcomes

- Structure of gene is to be learned.
- Students get educated on the underlying genetic mechanism operating in human and state of the art of bio-techniques
- Students develop a proper understanding on the relation between heredity and variation.
- Learn the mechanism of crossing over and inheritance patterns in human.
- Students become aware of different genetic syndromes and the possible ways to reduce its occurrence.
- Students understand the principles and techniques involved in DNA technology and get an overview of modern techniques like PCR, Hybridoma technology, gene therapy and human cloning

Zoology Core course VII
Immunology and Microbiology
Course code – ZO 1543

Course Outcomes

- Students understand the scope and importance of clinical immunology.
- Students understand the principles and mechanisms of immunology.
- Learn the malfunctioning and disorders of the immune system
- Students acquire knowledge on immunodeficiency diseases.
- Transplantation and mechanism of Graft retention and rejection are learned.
- Students get a brief history of microbiology.
- Students develop a broad understanding of the positive as well as negative aspects of microbes.
- Economic importance (applied aspects) of microbes in industry can be studied.

Semester VI

Zoology Core Course VIII
Physiology and Biochemistry
Course Code – ZO1641

Course Outcomes

- Students develop a clear understanding of the correlation and coordination between the structure and function of different organs and organ systems of the body.
- Proper study on the physiology help students understand the physiology of different organ systems of the body.
- Students learn the correlation between diseases and the abnormal structure or improper functions of organs.
- Students understand the possible causes of abnormal physiology and the resultant diseases.
- Students understand the structure and functions of bio-molecules and their role in metabolism.
- This course opens new areas of research to students.

Zoology Core Course IX
Developmental Biology and Experimental Embryology
Course code ZO - 1642

Course Outcomes

- Students get a brief idea about the history of developmental biology.
- Provide the students a bird's eye view of sophisticated embryological techniques
- Study the various stages involved in the development of organisms.
- Study the initial developmental procedures involved in Amphioxus, Frog and chick
- Procure information on state- of- the art experimental procedures in embryology.
- Different control mechanisms of development including gene action are studied.

Zoology Core Course X
Ethology, Evolution and Zoogeography
Course Code - Z01643

Objectives of the course :

1. To study the physiological basis of behavior.
2. Study the different types of communication system among animals.
3. To get a concept on organic evolution.
4. To get knowledge on the distribution of animals in the biosphere.

Biotechnology, Immunology and Microbiology
Course Code — Z01644

Objectives of the course

1. To prepare and observe chromosomal arrangements during cell division
2. To study chromosomal aberrations in man
3. To gain broad knowledge on conventional biotechnological- procedures
4. To perform routine blood analysis.

Zoology Core Course XII

Practical III - Physiology and Biological Chemistry, Molecular Biology and Biostatistics

Course Code ZO1645

Objectives of the course

- To learn clinical procedures for blood & urine analysis
- To make the student skillful in simple biochemical laboratory procedures.

Semester VI

Zoology Project and Field study

Course Code - ZO1647

Objective of the course

To inculcate proficiency to identify appropriate research topic-and presentation

Semester VI

Zoology Elective Subject – I

Economic Zoology – Vermiculture and Apiculture

Course Code – ZO1651.1

Objectives of the course

- To learn the basic procedure and methodology of vermiculture
- To learn the scope and methodology of apiculture.

Semester II
Zoology Complementary Course II
Animal Diversity II

Objectives of the course

- Impart to the student a concrete idea of the evolution, hierarchy and classification of invertebrate phyla
- Understanding the basics of systematics by learning of the diagnostic and general characters of various groups
- Getting an overview of typical examples in each phyla.
- To study the economic importance of invertebrates with the special reference to insect pests

Semester II
Zoology Complementary Course II
Animal Diversity II

Objectives of the course

- To study the structure and function of each system in the human body.
- To study the etiology of common physiological disorders, syndromes and diseases.

Semester IV
Zoology Complementary Course IV
Applied Zoology

Objectives of the course

To familiarize students with conventional organ system in common, easily available animals.

To emphasize the adage that 'seeing is believing'- typical examples and economically important specimen (preserved) to be studied.

To study and carry out routine clinical analysis of blood and urine

M.Com Degree Programme

SEMESTER I

Paper 1: CO 211- BUSINESS ETHICS AND CORPORATE GOVERNANCE

Objectives:

1. To convey basic understandings on the theories of Business Ethics
2. To provide a understanding on Corporate Governance practices and the provisions of the Companies Act relating to corporate governance

SEMESTER I

Paper 2: CO 212- LEGAL FRAMEWORK FOR BUSINESS

Objectives:

1. To enable student acquire updated knowledge and develop understanding of the regulatory framework for business
2. To make students aware of opportunities available in various legal compliances so as to enable them employable.
3. To expose students in emerging trends in good governance practices including governance.

SEMESTER I

Paper 3: CO 213- RESEARCH METHODOLOGY

Objectives:

1. To provide an insight into the fundamentals of social science research.
2. To understand the need, significance and relevance of research and research design.
3. To acquire practical knowledge and required skills in carrying out research.

SEMESTER I

Paper 4: co 214- PLANNING AND DEVELOPMENT ADMINISTRATION

Objectives:

1. To generate an overall insight on planning process in Indian Economy
2. To make the students aware about new planning initiatives in India

SEMESTER I

Paper 5: CO 215-ADVANCED CORPORATE ACCOUNTING AND REPORTING

Objectives:

1. To acquaint the students about important accounting standards
2. To gain ability to prepare financial statements including consolidated financial statements of group companies and financial reports of various types of entities by applying relevant accounting standards.
3. To expose the students to advanced accounting issues and practices such as insurance claims, investment accounting and liquidation of companies.

SEMESTER II

Paper 1: CO 221- E-BUSINESS & CYBER LAWS

Objectives:

1. To equip the students with the emerging trends in business
2. To equip the students to introduce and explore the use of information technology in all aspects of business.
3. To familiarise with the students cyber world and cyber regulations

SEMESTER II

Paper 2: CO 222- STRATEGIC MANAGEMENT Objectives:

1. To create a conceptual awareness on various strategies.
2. To familiarise students with the formulation, implementation and evaluation of strategies

SEMESTER II

Paper 3: CO 223- QUANTITATIVE TECHNIQUES AND FINANCIAL ECONOMETRICS

Objectives:

1. To impart expert knowledge in the application of Quantitative Techniques and Business Econometrics in research.

2. To impart knowledge in the use of SPSS in processing and analysis of data.

SEMESTER II

Paper 4: CO 224 - INTERNATIONAL BUSINESS

Objective:

To introduce the concept of international business and to create awareness on the changes in the international business arena

SEMESTER II

Paper 5: CO 225- INVESTMENT MANAGEMENT

Objectives:

1. To provide a general understanding about investment avenues and personal finance.
2. To give a broader understanding about behavioural finance and how it equip to decide personal investment.

Elective: FINANCE

SEMESTER III

Paper 1: CO 2310 -INCOME TAX PLANNING AND MANAGEMENT

Objectives:

1. To impart deep knowledge about the latest provisions of Income Tax Act
2. To develop application and analytical skill of the provisions of Income Tax Law for Income Tax planning and Management.

SEMESTER III

Paper 2: CO 232F- SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT

Objectives:

1. To provide a comprehensive understanding on the principles of security analysis and develop the skill in portfolio management.
2. Equip the students to value the real worth of securities.

SEMESTER III

Paper 3: CO 233 F- INTERNATIONAL FINANCIAL MANAGEMENT

Objectives:

- To familiarise the students with the international financial markets and instruments.
- To convey an understanding about foreign exchange risk management

SEMESTER III

Paper 4: CO 234F- STRATEGIC COST AND MANAGEMENT ACCOUNTING

Objectives:

- (i) To comprehend and familiarize the established techniques, methods and practices in Strategic Cost and Management Accounting to the students.
- (ii) To introduce the evolving Strategic approaches and techniques in Cost and Management field and to developed industrial behaviour among the students in the emerging business areas.

SEMESTER IV

Paper 1: CO 241W- GOODS AND SERVICE TAX & CUSTOMS DUTY- LAW AND PRACTICE

Objectives:

1. To gain expert knowledge of the principles and law relating to Goods and Service Tax and Customs Act.
2. To impart skill in applying and analysing the provisions of Goods and Service Tax Act and Customs Act in handling practical situations.

SEMESTER IV

Paper 2: CO 242F- RISK MANAGEMENT AND DERIVATIVES

Objectives:

1. To understand the risk management process and its application
2. To give a broader awareness on derivatives and its applications

SEMESTER IV

Paper 3: CO 243F-ACCOUNTING STANDARDS

Objective

To acquaint the students to understand the structure, process and organizational set up involved in evolving accounting standards in India. To enable the students to apply some key standards while preparing and presenting the financial statements

Course.

SEMESTER IV

Paper 4: CO 244S- MANAGEMENT OPTIMIZATION TECHNIQUES

Objectives:

1. To convey basic principles and application of optimization tools of resource utilization.
2. To provide an insight into optimal project implementation Techniques under deterministic and probabilistic conditions.

Elective: INFORMATION TECHNOLOGY & E- BUSINESS

SEMESTER III

Paper I: CO 231E- OFFICE AUTOMATION

Course objectives:

1. To equip the students to meet the demands of the industry.
2. To develop practical skills in document preparation, spread sheet application, data management and business presentation.

SEMESTER III

Paper 2: CO 232E- INTERNET AND WEB DESIGNING

Course objectives:

1. To give advanced knowledge in the field of web designing.

2. To equip the students to meet the demands of the industry.
3. To expand the practical skills in web designing and publishing for business.

SEMESTER III

Paper 3: CO 233R- MANAGEMENT OF INTELLECTUAL PROPERTY RIGHTS

Objective: This course aims at familiarising the students with the historical perspectives of IPR, key forms, IPR legislations, impacts of IPR in the development of India and the process of registering IPRs.

SEMESTER III

Paper 4: CO 234E- LEGAL FRAME WORK FOR INFORMATION TECHNOLOGY BASED BUSINESS

Objectives:

1. To give advanced knowledge in the field of cyber law.
2. To equip the students to meet the demands of the industry.
3. To develop practical skills in handling cyber issues in business.

SEMESTER IV

Paper 1: CO 241E- DATABASE MANAGEMENT AND INFORMATION TECHNOLOGY

Course objectives:

1. To give advanced knowledge in the field of Database Management.
2. To equip the students to meet the demands of the industry.
3. To expand the practical skills in Database Management.

SEMESTER IV

Paper 2: CO 242E- E-BANKING AND BUSINESS MODELS

Objectives:

1. To understand the relevance of E- banking in the present scenario
2. To impart knowledge about technology application in banking

SEMESTER IV

Paper 3: CO 243E- E-COMMERCE AND GLOBAL MARKETING

Objectives:

1. To understand the relevance of E- Commerce in the present scenario
2. To familiarize the students with the concept and issues of global marketing environment

SEMESTER IV

Paper 4: CO 244S- MANAGEMENT OPTIMIZATION TECHNIQUES

Objectives:

1. To convey basic principles and application of optimization tools of resource utilization.
2. To provide an insight into optimal project implementation Techniques under deterministic and probabilistic conditions.

Elective : INTERNATIONAL TRADE

SEMESTER III

Paper 1: CO 231.1 T - FOREIGN LANGUAGE - ARABIC

SEMESTER IV

Paper 1: CO 231.2T-Foreign Language -FRENCH

Objective:

To develop basic communicative ability in French language especially with business situations

SEMESTER III

Paper 1: CO 231. 3T - FOREIGN LANGUAGE- GERMAN

Aim of the syllabus is to develop skills in listening comprehension, writing and speaking German Language using basic German Grammatical Structures.

SEMESTER III

Paper 2: CO 232T- INTERNATIONAL TRADE AND DOCUMENTATION

Objective:

The objective of this course is to acquaint the students with the basic concepts of International trade, India's foreign trade policies, export assistance and promotion measures and various aspects of importing.

SEMESTER III

Paper 3: CO 233R- MANAGEMENT OF INTELLECTUAL PROPERTY RIGHTS

Objective:

This course aims at familiarising the students with the historical perspectives of IPR, key forms, IPR legislations, impacts of IPR in the development of India and the process of registering IPRs.

SEMESTER III

Paper 4: CO 234Y- FOREX MANAGEMENT

Objective:

The purpose of this course is to give the students an exposure to the way foreign Exchange Market operates, to understand the principles of Currency valuation, techniques that can be used to hedge foreign exchange risk and to create an understanding on foreign exchange Management in India.

SEMESTER IV

Paper 1: CO 241Z- LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Objective:

The objective of this course is to enable students to understand the importance and dynamics of a firm's physical distribution functions and management of its supply chain.

SEMESTER IV

Paper 2: CO 242T- STRATEGIC MANAGEMENT FOR MNCs

Objective:

The objective of this course is to give students acquaintance with the growth and development of MNCs, strategic management of MNCs, organizational design of MNCs, integration of subsidiaries, business ethics and social responsibility.

SEMESTER IV

Paper 3: CO 234T- LEGAL FRAMEWORK FOR INTERNATIONAL TRADE

Objective:

This course aims at familiarizing students with the legal framework of International trade. It covers various aspects such as law on International sale of goods, patent regulations, trademarks, arbitration and conciliation regulations, FEMA AND Cyberlaws.

SEMESTER IV

Paper 4: CO 244S- MANAGEMENT OPTIMIZATION TECHNIQUES

Objectives:

1. To convey basic principles and application of optimization tools of resource utilization.
2. To provide an insight into optimal project implementation Techniques under deterministic and probabilistic conditions.

Elective : MARKETING

SEMESTER III

Paper 1 : CO 231M- AGRICULTURAL AND RURALMARKETING

Course Objectives

1. To learn how general marketing concepts apply to agricultural and rural marketing
2. To impart knowledge in enabling the taught to critically analyze the methods of agricultural and rural marketing

SEMESTER III

Paper 2: CO 232M- INTERNATIONAL MARKETING

Objectives:

- To familiarize the students with the concept and issues of international marketing and enable them to analyze the foreign

market environment and develop international marketing strategies for a business firm.

SEMESTER III

Paper 3: CO 233M- MARKETING RESEARCH

Objectives:

1. To understand the relevance of Marketing research
2. To learn the applications of research in a marketing context

SEMESTER III

Paper 4: CO 234M- MARKETING COMMUNICATION

Objective:

To familiarise the students with the basic concepts of Marketing communication, Advertising and Brand Management.

SEMESTER IV

Paper 1: CO 241Z- LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Objective:

The objective of this course is to enable students to understand the importance and dynamics of a firm's physical distribution functions and management of its supply chain.

SEMESTER IV

Paper 2: CO 242M- INDUSTRIAL MARKETING

Objectives:

1. To learn how general marketing concepts apply to industrial business contexts.
2. To impart knowledge in enabling the taught to critically analyze firm-specific industrial marketing issues.

SEMESTER IV

Paper 3: CO 243M- SERVICES MARKETING

Objectives

1. To understand the differences between services and physical goods and to understand how these differences translate into marketing.
2. To prepare students to be successful managers in this increasingly service-oriented economy.

SEMESTER IV

Paper 4: CO 244S- MANAGEMENT OPTIMIZATION TECHNIQUES

Objectives:

1. To convey basic principles and application of optimization tools of resource utilization.
2. To provide an insight into optimal project implementation Techniques under deterministic and probabilistic conditions.

Elective - BANKING & INSURANCE

SEMESTER III

Paper 1: CO 231U -INCOME TAX PLANNING AND MANAGEMENT

Objectives:

1. To impart deep knowledge about the latest provisions of Income Tax Act
2. To develop application and analytical skill of the provisions of Income Tax Law for Income Tax planning and Management.

SEMESTER III

Paper 2: CO 232B- MODERN BANKING

Objectives

1. To understand the relevance of banking in the present scenario
2. To impart practical knowledge about modern banking

SEMESTER III

Paper 3: CO 233B- INSURANCE LAW AND PRACTICE

Objectives:

1. To give a comprehensive understanding on the general principles and concepts of insurance, insurance practices and procedures

2. To create awareness among students on the legal framework of insurance

SEMESTER III

Paper 4: CO 234Y- FOREX MANAGEMENT

Objective:

The purpose of this course is to give the students an exposure to the way foreign Exchange Market operates, to understand the principles of Currency valuation, techniques that can be used to hedge foreign exchange risk and to create an understanding on foreign exchange Management in India.

SEMESTER IV

Paper 1: CO 241W- GOODS AND SERVICE TAX & CUSTOMS DUTY- LAW AND PRACTICE

Objectives:

1. To gain expert knowledge of the principles and law relating to Goods and Service Tax and Customs Act.
2. To impart skill in applying and analysing the provisions of Goods and Service Tax Act and Customs Act in handling practical situations.

SEMESTER IV

Paper 2: CO 242B- INVESTMENT BANKING AND FINANCIAL SERVICES

Objectives:

1. To expose students to the world of investment banking.
2. To provide an introduction and general understanding to students about some of the other financial services

SEMESTER IV

Paper 3: CO 243B- PRINCIPLES AND PRACTICES OF ACTUARIAL SCIENCE

Objectives:

- I. To familiarise students with actuarial valuation and its principles.

2. To familiarise the students with the practical side of actuarial valuation

SEMESTER IV

Paper 4: CO 244S- MANAGEMENT OPTIMIZATION TECHNIQUES

Objectives:

1. To convey basic principles and application of optimization tools of resource utilization.
2. To provide an insight into optimal project implementation Techniques under deterministic and probabilistic conditions.

M.Sc. Zoology - Semester System

Semester I

ZO 211 Systematics and Evolutionary Biology

COURSE OBJECTIVES:

To impart knowledge on the basic aspects on Animal taxonomy and classification and demonstrate knowledge and understanding the naming of the species and get the idea about the phylogeny and evolutionary history.

Z0212

BIOCHEMISTRY

COURSE OBJECTIVES:

To impart knowledge on various biochemical molecules and path ways in life processes. Also demonstrate knowledge and understanding of the molecular machinery of living cells, the principles that govern the structures of macromolecules and their participation in molecular recognition, and understanding of the principles and basic mechanisms of metabolic control and molecular signaling.

Z0213

Biophysics, Instrumentation and Computer Science

COURSE OBJECTIVES:

To get knowledge and understanding of the application of instruments in biological laboratory and the application of various computer programmes and packages in research.

Semester II

ZO22 1ADVANCED PHYSIOLOGY and FUNCTIONAL ANATOMY(100 hrs)

COURSE OBJECTIVES

To impart deep knowledge on the structure and functioning of different systems in organisms from molecular level to organ systems and to the physiological attributes of whole organism.

Zo222 Genetics, Quantitative Analysis and Research Methodology

COURSE OBJECTIVE:

To introduce students to the science of heredity, from its basic principles to the most recent advances in the field. To impart knowledge of classical and molecular genetics.

Zo223 Cell Biology, Molecular Biology and Bioinformatics

COURSE OBJECTIVES:

The students will be introduced on the various aspects of Cell structure, function, cell replication, cell communication, protein synthesis, cell dynamics etc.

Semester III Paper 1- Zo231 Microbiology and Biotechnology

COURSE OBJECTIVE:

The students will be introduced on the various aspects of developmental biology such as animal development, cellular differentiation, stem cell biology etc.

Semester III

Zo232 Ecology, Ethology and Biodiversity Conservation

COURSE OBJECTIVES

Imparting basic knowledge about the environment and its allied problems. Developing an attitude of concern for the environment. Make one striving to attain harmony with Nature, Acquiring skills to help the concerned individuals in identifying and solving environmental problems.

Zo233 Immunology and Developmental Biology Immunology

COURSE OBJECTIVES:

Integration and consolidation of knowledge in immunology such as nature of resistance, mode of development and growth, various aspects of development.

Semester IV

Special Subject: Endocrinology

Zo241 Vertebrate Endocrinology

COURSE OBJECTIVES:

To impart knowledge on the human endocrinology and understand the principles and mechanisms involved in endocrinology.

Special Subject: Endocrinology

ZO242 Physiology of Reproduction(With special reference to mammals)

COURSE OBJECTIVES:

To impart knowledge on mammalian reproduction and understand the principles and mechanisms involved in reproduction.

Special Subject: Fish Biology and Fishery Science

Zo 241: Ichthyology

Aim:

To impart knowledge on diversity, adaptation, and other physiological aspects related to fish, to enhance the students knowledge and application in fishery and Aquaculture.

Semester IV

Special Subject- Insect Science ZO 241 General Entomology

Objective:

To acquaint the students with external morphology of the insect's body, Pest management etc.,

ZO 242 Applied Insect Science

Objective:

To familiarize various aspects of entomology like pest infestation, pest control, pest outbreak, Industrial entomology etc.,

Semester IV

Special Subject: Environmental Physiology

OBJECTIVES:

Imparting basic knowledge about the environmental pollution, toxicology and its allied problems. Make one striving to attain knowledge on the

pollution problems and toxicological effects and toxicological procedures in experiments and analysis.

ZO 242 Environmental Management

COURSE OBJECTIVES:

To acquire knowledge and understanding of the Environment and its management including the conservation practices, laws and regulations.

M.Sc. Degree in Botany (Semester System)

SEMESTER I

PAPER BO 211.PHYCOLOGY, MYCOLOGY,MICROBIOLOGY & PLANTPATHOLOGY

Objectives:

- To familiarize the students the habitats ,classification, structure and life cycle of Algae, Fungi and lichen and the evolutionary trends in Algae and Fungi
- To get a basic idea about the ecological significance of Algae, Fungi and Lichen.
- To introduce the students about the aspects of Microbiology like classification, structure ,metabolism ,Bacterial culture and microbial diseases.
- To understand the role ofmicrobes in Agricultural, Environmental and industrial applications
- To get the knowledge on various plant diseases caused by different types of pathogens and defence mechanism

PAPER BO 212. BRYOPHYTA, PTERIDOPHYTA AND GYMNOSPERMS

Objectives

- To impart basic knowledge about geographical distribution , classification ,structure ,life history and phylogeny of Bryophytes, Pteridophytes and gymnosperms.
- To give an idea about their ecological role and economically important products obtained from them and their uses.
- To familiarize the fossil members of these groups.

PAPER. BO 213. HISTOLOGY, REPRODUCTIVE BIOLOGY, MICROTECHNIQUE ANDIDSTOCHEMISTRY

Objectives:

- To understand the anatomical featuresofplant parts and to identify the anomalous growth
- To acquire knowledge on plant reproduction and development

- To correlate the anatomical and palynological features to taxonomy
- To familiarize the techniques for the preservation and processing of tissues
- To get practical experience in microtechnique and histochemistry

SEMESTER II

PAPER BO 221:TAXONOMY OF ANGIOSPERMS, ECONOMIC BOTANY AND ETHNOBOTANY

Objectives:

- To understand the concepts and principles related to Plant taxonomy, Ethnobotany and Economic botany
- To acquire the skill in plant identification and herbaria preparation
- To create an attitude in conserving plants for sustainable development
- To understand the utility of different types of crops and their useful parts

PAPERBO222

ENVIRONMENTAL BIOLOGY, FOREST BOTANY, PHYTOGEOGRAPHY AND CONSERVATION BIOLOGY

Objectives:

- To learn the concepts on ecosystem and environment
- To impart knowledge on phytogeography and distribution
- To understand the concept, aim and principles of conservation
- To understand the causes and effects of pollution and climate change
- To create an awareness about the significance of forest and genetic resources
- To understand various rules and regulations for environment protection

PAPER BO223: CELL BIOLOGY, GENETICS AND EVOLUTION

Objectives:

- To learn the concepts on cell organelles, cell cycle, cell differentiation and interactions
- To acquire practical skill in cytological preparations

- To get knowledge about Mendel's Experimental approach
- To understand concepts on linkage, microbial genetics and biochemical genetics
- To impart knowledge on molecular genetics and protein synthesis
- To understand the concept on population and developmental genetics
- To understand mechanism of evolution

SEMESTER III

PAPER. BO 231. PLANT BREEDING, HORTICULTURE AND BIOSTATISTICS

Objectives:

- To provide basic knowledge in plant breeding, biostatistics and horticulture
- To understand different breeding methods used in crop improvement
- To develop practical skills in plant breeding
- To apply the statistical methods for data analysis
- To attain the skill and knowledge for the cultivation/ propagation and management of garden plants

PAPER. BO 232. BIOCHEMISTRY, PLANT PHYSIOLOGY AND RESEARCH METHODOLOGY

Objectives:

- To understand the different metabolism in plants
- To trace the relationship between biochemical pathways in plants and the physiological processes.
- To introduce the basic concepts in research methodology
- To prepare the students to draft a project proposal

PAPER BO 233. MOLECULAR BIOLOGY, IMMUNOLOGY AND PLANT BIOTECHNOLOGY

Objectives:

- To get an overview on Molecular Biology and Immunology
- To impart knowledge about various techniques in Molecular Biology
- To bestow practical skill in isolation of DNA, RNA and Protein

- To acquire an in depth knowledge on plant biotechnology and its application

SEMESTER IV

SPECIAL PAPER- I BO 241: BIOINFORMATICS AND BIOPHYSICS

Objectives:

- To provide the knowledge on Bioinformatics and its applications
- To familiarise the students on protein and nucleic acid data bases and genomics & proteomics.
- To get the skill in phylogenetic tree construction
- To impart information of computer aided drug designing and practice of molecular docking using suitable software.
- To learn the fundamentals of instruments and techniques used in Biology
- To familiarise the modern instruments of significance in analytic methods To understand the

PAPER BO 242a: SPECIAL PAPER -II ELECTIVE BIOTECHNOLOGY

Objectives:

- To make awareness about the fundamentals of Biotechnology and
- To impart knowledge on Microbial genetics with respect to bacterial gene expression, regulation and gene manipulation.
- To familiarise the students with the tools and techniques of genetic engineering and gene transfer technologies
- To understand the techniques and applications of plant tissue culture
- To acquire basic practical skills in Biotechnology

PAPER BO 242b: SPECIAL PAPER -II ELECTIVE ENVIRONMENTAL BIOLOGY

Objectives:

- To familiarise the fundamentals of the concept of ecosystem along with its structural and functional attributes.
- To understand the different aspects of environmental ecology with emphasis on pollution and waste management.

- To expose the students to the various areas of applied ecology such as physiological, industrial and molecular ecology.
- To acquire practical skills for water analysis to estimate phosphate and nitrate content planktons, major elements and to get experience in quadrant study

PAPER BO 242c: SPECIAL PAPER -II ELECTIVE PLANT BIOCHEMISTRY AND ENZYMOLGY

Objectives:

- To understand the basic organisation of cell and biochemical energetics.
- To know about the primary and secondary metabolites and their interrelationships.
- To learn about the details of protein structure and characterization
- To understand the fundamentals of enzyme kinetics in detail

BO 242 D: SPECIAL PAPER II CYTOGENETICS

Objectives:

- To understand the fundamentals of cytogenetics with emphasis on chromosome structure and meiotic behaviour
- To get the knowledge on chromosomal aberrations
- To learn the cytogenetics of polyploids and aneuploids.
- To get the skill in induction of polyploidy
- To study the sex determination mechanisms operating in different plants and animals
- To understand karyotype analysis and chromosome banding

MA Economics (Semester system)-Course objectives

CORE PAPERS IN FIRST SEMESTER

EC 211: MICRO ECONOMICS – I

Objectives

The purpose of the course is to provide an understanding of the principles of economics in application to individual decision makers, both consumers and firms. This course equips the students themselves with the various aspects of the conventional as well as the recent developments in microeconomic theory.

EC 212: ECONOMICS OF GROWTH AND DEVELOPMENT

Objectives

Development Economics represents an engaging branch of Economics. A course on the Economics of Growth and Development connects students of Economics to academic concerns, policies and practical solutions relevant for progression of all economies. The objective of this paper is to familiarizing students with the conceptual routes, theoretical dynamics and practical strategies of growth and development. It is expected that this course would orient them towards major themes of development, lead them towards more methodical probes and equip them with adequate analytical knowledge.

EC 213: INDIAN ECONOMIC POLICY - I

Objectives

The Purpose of this course on Indian Economy is to enable the students to have an understanding of the various issues of the Indian Economy with a policy perspective. The focus of the syllabus is on the development perspectives of Indian Economy during the post Liberalization period since 1991.

EC 214: QUANTITATIVE METHODS FOR ECONOMICS

Objectives

The key objective of this paper is to provide the students an insight into the importance of quantitative methods in Economics and enable them to introduce and apply these techniques in finding solutions to economic problems. The course also aims at: (1) familiarizing the students the basic quantitative techniques used in economic analysis, (2) enabling the students in making use of a quantitative approach in formulating economic problems, and (3) inculcating analytical ability in finding solutions to mathematically formulated economic problems.

CORE PAPERS IN SECOND SEMESTER

EC 221: MICRO ECONOMICS - II

Objectives

This course is intended to give insights into developments in the areas of theories of distribution, general equilibrium, welfare economics, uncertainty and informational asymmetry and behavioral economics.

EC 222: ECONOMICS OF SOCIAL SECTOR AND ENVIRONMENT

Objectives

This course is designed to enable students to: (1) Understand and apply the key economic concepts in the context of social sectors like education, environment and healthcare, (2) Appreciate how economic factors contribute to the development and implementation of educational policies, (3) Identify the major theories governing the development of human resources, school improvement and development, (4) Recognize the important linkages between the environment and economics, (5) Be aware of the key environmental issues around the globe, and (6) Understand approaches to identify and value costs and outcomes to include in economic

EC 223: INDIAN ECONOMIC POLICY - II

Objectives

The objectives of this course are: (1) to introduce the basic concepts of economics to the students so as to enable them for further learning in Indian and Kerala Economy, (2) to equip the students with the basic idea for further learning, and (3) to help them to analyze the sectoral development that has taken place India as well as in Kerala economy.

EC 224: ECONOMETRICS AND RESEARCH METHODOLOGY

Objectives

The objectives of this course are: (1) to create an understanding among the students on basic econometric methodology, (2) to train the students in applying economic theories to real economic data by means of empirical models, and (3) to give a comprehensive idea on the process of doing research in economics.

CORE PAPERS IN THIRD SEMESTER

EC 231: MACRO ECONOMICS - I

Objectives

Macro Economics paper has two parts, spread across third and fourth semesters. In the third semester, the important areas covered under Macro Economics I are development of macro economics after Keynesian revolution including Neo-classical and Keynesian synthesis, behaviour foundations of macro economics, theoretical foundations of demand and supply of money and macroeconomic model in an open economy context. The important objective of the paper is that the students should be able to understand the structural underpinnings of theoretical development of macroeconomic thoughts and their application.

EC 232: INTERNATIONAL ECONOMICS – I

Objectives

This course offers an introduction to the main theoretical tools and policies that are central to the study of international trade, but with an emphasis on application to the trade flows, trading blocks and international macroeconomic events that characterize the global economy today. The ability to use economic analysis to reach a deeper understanding of international trade will be an important formative element for those who intend to develop careers in international business and management.

EC 233: PUBLIC ECONOMICS

Objectives

The important objective of this course is that the student should be able to understand the regulatory and developmental responsibilities of government in a democratic country like India. It covers the theoretical and empirical dimensions of public goods and public choice, fiscal instruments and fiscal federalism with special reference to Indian context. It also covers the present fiscal management issues of India.

CORE PAPERS IN FOURTH SEMESTER

EC 241: MACRO ECONOMICS - II

Objectives

The important areas included in this portion are the theoretical development of the macroeconomic issues of inflation, unemployment and business fluctuations. The development of macro economics after Keynesian revolution, divided into classical school and Keynesian school, and the impacts of various macroeconomic policies in the society are also covered here. By learning this paper, the students should be able to keep abreast with the latest development of macroeconomics development.

EC 242: INTERNATIONAL ECONOMICS - II

Objectives

The objective of this course is to introduce to students the theories of international finance flows, determination of interest and exchange rates in interconnected economies, macroeconomic policies available to the government, and the nature of financial crises. The course also aims to provide a framework for consistent reasoning about international flows of goods, factors of production, and financial assets, trade policy and monetary policy in open economy.

EC 243: FINANCIAL SECURITIES MARKET ANALYSIS

Objectives

This course is designed to provide comprehensive study of the significance of Securities Market in modern financial system. It includes a discussion of the efficient securities markets theory in finance, covers bond pricing, price-earnings models of share valuation, and introduces the top down approach to investment decisions. The emphasis is on a thorough coverage of modern finance theory as applied to investment analysis, balanced with a consideration of new developments in the discipline, and of the application of both old and new theoretical perspectives to understand the current environment for financial investment decisions.

EC 202: ECONOMICS OF INSURANCE

Objectives

This course on Insurance Economics attempts to give a fairly comprehensive view of the subject to the post-graduate students in Economics and pave the way for possible future expansion of the teaching of an important branch of Economics. The objectives of the paper are: (1) to obtain an overview of the essential concepts in insurance economics, (2) to develop an understanding of the structure of the insurance industry, (3) to understand the main types of insurance available to business and individual, (4) to understand the implications of asymmetric information for insurance contracting, and (5) to be able to explain and evaluate real-life insurance product design from an economic point of view.

EC 2010: INDUSTRIAL ECONOMICS

Objectives

The course is designed to use theoretical models to understand industries and regulatory decision making and so students should expect to use diagrams and some basic mathematical models. It also provide guidelines to urge through knowledge to the students on the basic issues in the industrial development of India. In addition, course aims for the students acquire fair knowledge of international experience of industrial progress.

MA English- course objectives

Semester-1

Course Code : ENG-C-411

Course Title : CHAUCER TO THE AUGUSTAN AGE

COURSE OBJECTIVES

- To introduce students to the origin and development of English Poetry
- To familiarise students to the genres, drama, prose and fiction during the period
- To familiarise students with the contemporary critical responses on the period

Course Code : ENG-C-412

Course Title : SHAKESPEARE

COURSE OBJECTIVES

- To introduce students to the Shakesporean Age and the evolution of the western theatre tradition
- To familiarize students to Shakesporean drama and poetry
- To familiarize students to the contemporary critical responses on the period

Course Code : ENG-C-413

Course Title : ENGLISH LANGUAGE TEACHING

COURSE OBJECTIVES

- To introduce students to learning theories and its impact on language teaching.
- To introduce students to the various classroom strategies, techniques and teaching aids.
- To familiarise the process and procedure for testing and evaluation and materials production.

Course Code : ENG-C-413

Course Title : ENGLISH LANGUAGE TEACHING

COURSE OBJECTIVES

- To introduce students to learning theories and its impact on language teaching.
- To introduce students to the various classroom strategies, techniques and teaching aids.
- To familiarise the process and procedure for testing and evaluation and materials production.

Course Code : ENG-C-414

Course Title : KERALAM: HISTORY, CULTURE AND LITERATURE

COURSE OBJECTIVES

- To encourage the students to connect with the local and the specific.
- To introduce the students to the complexities of historiography and the different methodologies adopted by different schools of thought
- To introduce students to ways of reading culturally significant activities from visual and performing arts, both “folk” and “classical”, to rituals and social customs.

Course Code : ENG-E-415

Course Title : INTRODUCTION TO GENDER STUDIES

COURSE OBJECTIVES

- To introduce students to gender studies on a contemporary perspective
- To introduce students to the notions of natural difference in order to explore how such notions are implicated in epistemologies, histories, broader cultural practices and relations of power.
- To offer an interdisciplinary explanation of how the category of gender has come to defy the human subject.

Course Code : ENG-E-416
Course Title : EUROPEAN FICTION

COURSE OBJECTIVES

- To acquaint the students with some of the major movements that shaped the growth of the European novel
- To introduce the students to the makers of European Fiction
- To acquaint the students with the writings of major novelists from its beginnings to its postmodern practitioners

Semester-II

Course Code : ENG-C-421
Course Title : ROMANTICS AND VICTORIANS

COURSE OBJECTIVES

- To introduce students to the age of Romantics and its revival
- To introduce students to the Victorian era, its theoretical and ideological frameworks.
- To introduce students to the major writers of prose, fiction, drama and poetry of the period

Course Code : ENG-C-422
Course Title : THE TWENTIETH CENTURY

COURSE OBJECTIVES

- To introduce students to the new trends in British Writing
- To introduce students to the major writers of prose, fiction, drama and poetry of the period
- To familiarize students to the contemporary critical responses on the period

Course Code : ENG-C-423
Course Title : LITERARY THEORY I

COURSE OBJECTIVES

- To enable students to have a grounding in various critical approaches and advanced literary theories
- To facilitate the critical and analytical skills of students
- To help students participate in a self-evaluative process as they learn to use various concepts and ideas
- To familiarize the learners with the trends and cross-disciplinary nature of literary theories

Course Code : ENG-E-424
Course Title : DALIT WRITING

COURSE OBJECTIVES

- To introduce students to modern Dalit writers and thinkers.
- To enhance their understanding of the issues at stake in the contemporary Dalit movement,
- To let them evolve an in-depth grasp of the field at the levels of experience as well as concept and extend their awareness of the social and aesthetic questions being raised in the writing.

Course Code : ENG – E - 425

Course Title : INDIAN FICTION IN ENGLISH TRANSLATION

COURSE OBJECTIVES

- To learn the texts from different languages to understand their distinctive identities as well as their common concerns.
- To examine the narrative strategies/techniques/styles employed by writers in a multi-linguistic context
- To understand the movements which have become decisive in the evolution of fiction in a pan-Indian perspective.

Course Code : ENG-E-426

Course Title : AN INTRODUCTION TO CANADIAN STUDIES

COURSE OBJECTIVES

- To introduce students to Canadian Studies
- To discuss four major narratives, namely, History, Multiculturalism and Diaspora, Land and Environment, and Sports in Canada
- To introduce the students to interdisciplinary study in a specific area.

Course Code : ENG-E-427

Course Title : IMAGINING THE ARCTIC LANDSCAPE

COURSE OBJECTIVES

- To introduce the student to the idea of the North
- To help the student explore the mystery of the North
- To help the student examine concepts like historiography, georafictione and spatiality

Course Code : ENG-C-428

Course Title : AUSTRALIA: HISTORY, CULTURE AND LITERATURE

COURSE OBJECTIVES

- To acquaint the students with the history of British Colonization of Australia and its cultural impact
- To help the student understand the complexities of experiencing and articulating the complexities of national cultural formations
- To introduce the students to Australian Literature

Semester-III

Course Code : ENG-C-431

Course Title : AMERICAN LITERATURE

COURSE OBJECTIVES

- To introduce students to the origin of American Literature
- To introduce students to the major writers of prose, fiction, drama and poetry of the period
- To familiarize students with the contemporary critical responses on the period

Course Code : ENG-C-432

Course Title : INDIAN WRITING IN ENGLISH

COURSE OBJECTIVES

- To introduce students to the origin and evolution of Indian Writing in English
- To introduce students to the major writers of prose, fiction, drama and poetry of the period
- To familiarize students with the contemporary critical responses on the period

Course Code : ENG-C-433

Course Title : LITERARY THEORY II

COURSE OBJECTIVES

- To enable students to have a grounding in various critical approaches and advanced literary theories.
- To facilitate the critical and analytical skills of students
- To help students participate in a self-evaluative process as they learn to use various concepts and ideas
- To familiarize the learners with the trends and cross-disciplinary nature of literary theories

Course Code : ENG-E-434

Course Title : DIASPORA WRITING: THEORY AND PRACTICE

COURSE OBJECTIVES

- To familiarize students on Languages and cultures and their transformation as they come into contact with other languages and cultures.
- To familiarise students on new dimensions of nationhood and narration.
- To introduce students on select novels/film of diaspora writers like Salman Rushdie, Jhumpa Lahiri and Michael Ondaatje.

Course Code : ENG-E-435

Course Title : TRANSLATION AND ITS CONTEXTS

COURSE OBJECTIVES

- To create an understanding of some of the ways in which translation impacts everyday living.
- To help students theorize different translation contexts
- To open new ways of understanding translation practice bearing in mind the issues that emerge in classroom discussions.

Course Code : ENG-E-436

Course Title : INTRODUCTION TO NATIVE CANADIAN LITERATURE

COURSE OBJECTIVES

- To understand the socio-political, cultural, historical background of Native writing
- To introduce the students to Native poetry, prose, theatre and fiction
- To help students recognize the importance of the voice of Native Canadian writing

Course Code : ENG-E-437

COURSE OBJECTIVES

- To familiarise the students to the ecological concerns and the need to address the rising¹ global threats.
- To evoke a strong sense of awareness among students on environmental issues.
- To introduce students to specific literary texts based on this topic

Semester -IV

Course Code : ENG-C-441

Course Title : LITERATURE AND ECOLOGY

COURSE OBJECTIVES

- To introduce the students to the way the English language has found rich expression across continents.
- To discuss issues like the idea of “Englishes”, multiculturalism, nationalism, post colonialism, race, ethnicity, and diaspora.
- To help the students interrogate some of the assumptions that govern the study of English in the classroom.

Course Code : ENG-C-442
Course Title : CULTURAL STUDIES

COURSE OBJECTIVES

- To help the students develop theoretical tools and critical perspective to interrogate advertisement, film, television, newspaper and internet texts that saturate our lives.
- To facilitate the critical and analytical skills of the students
- To help students participate in a self-evaluative process as they learn to use various concepts and ideas.

Course Code : ENG-C-443
Course Title : LINGUISTICS

COURSE OBJECTIVES

- To communicate effectively and appropriately in real life situations.
- To develop and integrate the four language skills.
- To develop reading and writing ability in a variety of academic registers through lectures, seminars and presentations.

Course Title : ENGLISH FOR COMMUNICATION

Course Code : ENG - X - 411

COURSE OBJECTIVES

- To introduce students to various schools of thought including Bloomfield's American Structuralism and Noam Chomsky's T. G. Grammar
- To enable students to study Singulary and Double-based transformations in T.G. Grammar, and the derivation of sentences.
- To introduce students to Sociolinguistics, Psycholinguistics and Stylistics, as well as aspects of Phonetics.

MA Degree Programme in Malayalam Language and Literature

Malayalam (ML) Course & Marks Distribution

ML-211, പ്രാചീനസാഹിത്യം

മലയാള ഭാഷയുടെ വാമൊഴി വഴക്കത്തിന്റെ സംഭാവനകളായ പഴഞ്ചൊല്ലുകൾ, കടങ്കഥകൾ, നാടോടിഗാനങ്ങൾ എന്നിവയിലാരംഭിച്ച സാഹിത്യരൂപങ്ങൾ മുതൽ ചെറുശ്ശേരിയുടെ കൃഷ്ണഗാഥവരെയുള്ള പദ്യ-ഗദ്യ സാഹിത്യത്തിന്റെ ചരിത്രമാണ് പ്രാചീന സാഹിത്യം എന്ന പേപ്പറിന്റെ പഠനവിഷയം. ഇതുകൂടാതെ മലനാട്ടു വഴക്കത്തിന്റെ സംഭാവനകളായ സംഘകാല സാഹിത്യവും പരിചയപ്പെടേണ്ടതാണ്. ഇതിന്റെ ഉപോദ്ബലകമായ കൃതികളാണ് പാഠാനുബന്ധമായി കൊടുത്തിട്ടുള്ളത്. പാഠ്യപുസ്തകഭാഗങ്ങൾ സൂചകങ്ങൾ മാത്രമാണ്. കൃതികൾക്കുപരിയായി അവ ഉൾപ്പെടുന്ന സാഹിത്യപ്രസ്ഥാനങ്ങളെക്കുറിച്ച് ചുരുക്ക കൃത്യമായ ബോധം പഠിതാക്കൾക്കുണ്ടായിരിക്കേണ്ടതാണ്.

ML-212, മധ്യകാലസാഹിത്യം

കൃഷ്ണഗാഥയ്ക്കു ശേഷമുള്ള കാലഘട്ടം തൊട്ട് പത്തൊൻപതാം നൂറ്റാണ്ടിന്റെ ഉത്തരാഘട്ടം വരെയുള്ള സാഹിത്യസംസ്കാരിക സവിശേഷതകളാണ് മധ്യകാലസാഹിത്യത്തിൽ ഉൾപ്പെടുത്തിയിട്ടുള്ളത്. പാട്ട് മണിപ്രവാളം എന്നിവയുടെ വ്യതിരിക്തമായ പ്രസക്തി നഷ്ടപ്പെടുകയും ഭാഷയുടെ മാനകീകരണത്തിലേക്കുള്ള പ്രചാരണവും ഈ ഘട്ടത്തിലാണ് സംഭവിക്കുന്നത്. മധ്യകാലമണിപ്രവാളം - ഭക്തിപ്രസ്ഥാനത്തിന്റെ ശാക്തീകരണം-കീർത്തനസാഹിത്യം - വഞ്ചിപ്പാട്ടുകൾ, ദൃശ്യശ്രവ്യകലയുടെ സൗന്ദര്യവൽക്കരണമായ ആട്ടക്കഥ-മാപ്പിളപ്പാട്ടും ഗദ്യത്തിന്റെ ആധുനീകരണത്തിലേക്കുള്ള പ്രയാണം- എന്നിവയെല്ലാം വിശദമായിത്തന്നെ പഠനവിഷയമാകണം.

ML-213, കേരളസംസ്കാരം

പാഠ്യപദ്ധതി

1. സംസ്കാരം - സംസ്കാരപഠനത്തിന്റെ സാംഗത്യം- ലോകാന്തരവീക്ഷണങ്ങൾ- ചരിത്രരചന, ഭൂതകാലയാഥാർത്ഥ്യവും ഭാവിയുടെ നിർമ്മിതിയും- സംസ്കാരപഠനത്തിൽ ചരിത്രബോധത്തിന്റെ അനിവാര്യത- ഗ്രാഷി, നെഗ്രി എന്നിവരുടെ സാംസ്കാരപഠന ചിന്തകൾ - അർനോൾഡ് ടോയൻബിയുടെ ചരിത്രരചനാസമീപനങ്ങൾ- രാഹുൽ സങ്കുത്യായൻ, ഡി.ഡി കോസാംബി, റൊമിലാ മാപ്പർ- കേരള സംസ്കാര പഠനത്തിലെ പുർവ്വമാതൃകകൾ- കെ.പി. പത്മനാഭമേനോൻ, സുന്ദരപിള്ള, ചട്ടമ്പിസ്വാമികൾ- സാഹിത്യകൃതികൾ ചരിത്രപാഠങ്ങൾ എന്ന നിലയിൽ

ML-214, മലയാളവ്യാകരണം

മലയാള ഭാഷാവ്യാകരണ ചരിത്രത്തിൽ ഇതപേരുമുള്ള പ്രവണതകൾ വിശദമായി മനസ്സിലാക്കുയാണ് ഈ പേപ്പറിന്റെ ലക്ഷ്യം. വ്യാകരണത്തിൽ ലഭ്യമായ സമീപനരീതികൾ അറിയുക, വ്യാകരണ സിദ്ധാന്തങ്ങളെയും, സങ്കല്പനങ്ങളെയും വിശദമർശനാത്മകമായി വിലയിരുത്തുക തുടങ്ങിയവ പ്രധാനമാണ്. വ്യാകരണതത്ത്വങ്ങൾ ചരിത്രപരമായും വിവരണാത്മകമായും പഠനവിഷയമാക്കണം. ഭാഷാപഠനത്തിൽ വ്യാകരണപഠനത്തിന്റെ പ്രാധാന്യം മനസ്സിലാക്കി പുതിയ ഗവേഷണ മേഖലകളിലേക്ക് പഠനം വ്യാപിപ്പിക്കുക എന്നതും മുഖ്യ ഉദ്ദേശ്യമായിരിക്കണം.

വ്യാകരണപഠനത്തിന്റെ സാമാന്യജ്ഞാനം ബിരുദ പഠനത്തിൽത്തന്നെ നേടിയെടുത്തിട്ടുള്ള പഠിതാവ്, ഇക്കാര്യത്തിൽ മികച്ച ധാരണ നേടിയെടുക്കേണ്ടതായിട്ടുണ്ട്. ഏതെങ്കിലും ഒരു കൃതിയെ മാത്രം കേന്ദ്രീകരിച്ചുള്ള പഠനം ഭാഷാചരിത്ര, വ്യാകരണ മേഖലയിൽ പരിപൂർണ്ണത നൽകുകയില്ല എന്ന തിരിച്ചറിവ് ഉണ്ടാകണം. ഇതിന് വ്യാകരണ സംബന്ധമായ പഴയതും പുതിയതുമായ നിലപാടുകളും, ഭാഷയിൽ സംഭവിച്ചിട്ടുള്ള പരിണാമങ്ങളും അറിഞ്ഞിരിക്കേണ്ടതാണ്. മലയാള ഭാഷയുടെ വ്യാകരണ സംബന്ധമായി ഉണ്ടായിട്ടുള്ള പ്രധാന രചനകളെയും താരതമ്യം ചെയ്തു പഠിക്കുന്നത് കൂടുതൽ പ്രയോജനപ്രദമായിരിക്കും.

ML-221, ആധുനികസാഹിത്യം - ഗദ്യം

പഠനലക്ഷ്യം

ആവിഷ്കാരം, ആസ്വാദനം എന്നീ തലങ്ങളിൽ പദ്യസാഹിത്യം നിലനിർത്തിയിരുന്ന പ്രാമാണികതയിലേക്ക് കടന്നുകയറാനും, പിൽക്കാലത്ത് ആധിപത്യം പുലർത്താനുമുള്ള പ്രാമുഖ്യം മലയാള ഗദ്യസാഹിത്യം നടത്തിയത്. 19-ാം നൂറ്റാണ്ടിന്റെ അന്ത്യദശകങ്ങളിലാണ്. ഭാഷാ ഘടനയ്ക്കുണ്ടായ വളർച്ചാവികാസങ്ങൾ പോലും തർജ്ജമയെയും അനുകരണങ്ങളെയും വിട്ട് സ്വതന്ത്രപദവിയിലേക്കുയർന്ന ഇവിടുത്തെ ഗദ്യസാഹിത്യത്തിന്റെ നാനാവിധമായ പരിണാമങ്ങളോട് കടപ്പെട്ടിരിക്കുന്നു.

നോവൽ, ചെറുകഥ, നാടകം, ആത്മകഥ, ജീവചരിത്രം എന്നീ സാഹിത്യരൂപങ്ങളുടെ രചനാപരവും ഭാവുകത്വപരവുമായ സവിശേഷതകളെക്കുറിച്ച് ചരിത്രാത്മകമായ അവഗാഹം ഉണ്ടാക്കുകയാണ് പഠനലക്ഷ്യം. രചനാ സങ്കേതമായും ആസ്വാദനത്തെ നിർണ്ണയിക്കുന്ന പ്രവണതയായും വിവിധ സാഹിത്യപരികല്പനകൾ മലയാളത്തിൽ വ്യാപിച്ചതിന്റെ സംവാദതലങ്ങൾ പരിചയിക്കുന്നതിന് പ്രാദിനിധ്യസ്വഭാവമുള്ള കൃതികളാണ് തിരഞ്ഞെടുത്തിരിക്കുന്നത്.

ML-222, ആധുനിക സാഹിത്യം - പദ്യം

ആത്മചേതനയും ചരിത്രചേതനയും കവിതയിലുണ്ട്. കവിയിലൂടെ വായിക്കപ്പെടുന്ന സാംസ്കാരിക ചരിത്രം കൂടിയാണ് കവിത. ഓരോ കാലഘട്ടത്തെയും രൂപപ്പെടുത്തുന്ന പ്രേരണാശക്തികളെ വൈകാരികമായും വൈചാരികമായും വിചാരണ ചെയ്യുന്ന കലയാണ് കവിത. പാഠം എന്ന നിലയിൽ സാമൂഹിക പരിണാമങ്ങളെയും സാഹിത്യകല എന്ന നിലയിൽ ആസ്വാദന രസഭേദങ്ങളെയും കവിതപിൻതുടരുന്നു. സമൂഹത്തിന്റെ ഭാവശക്തിയായി പ്രവർത്തിക്കുന്ന കാവ്യപാഠങ്ങളുടെ വിശകലനമാണ് ഇവിടെ പഠനലക്ഷ്യം.

മലയാളിയുടെ സാംസ്കാരികബോധത്തിൽ ആധുനിക ജീവിതം വരുത്തിയ മാറ്റങ്ങൾ കവിതയിലൂടെ തെളിഞ്ഞുകാണാം. ആ തിരിച്ചറിവുകളെയാണ് ഈ പഠനലക്ഷ്യം വയ്ക്കുന്നത്.

ML-223, ഭാരതീയകാവ്യമീമാംസ

(Indian Literary theory)

ഭാരതീയ കാവ്യമീമാംസയുടെ അടിസ്ഥാന ശിലകളായ കാവ്യതത്ത്വങ്ങൾ പരിചയപ്പെടുത്തുക വഴി സാഹിത്യത്തിന്റെ ആസ്വാദനം, അപഗ്രഹനം, പഠനം, മുഖ്യ നിർണ്ണയം എന്നിവയ്ക്ക് വിദ്യാർത്ഥികളെ കൂടുതൽ പ്രഗത്ഭരാക്കുക പ്രാപ്തരാക്കുക എന്നതാണ് ഈ കോഴ്സിന്റെ ലക്ഷ്യം- കാവ്യസിദ്ധാന്തങ്ങളുടെ പഠനത്തിലൂടെ ഇവയ്ക്കുള്ള ആധുനികമായ പ്രസക്തിയും പരിശോധിക്കപ്പെടണം.

ML-224, സാഹിത്യ മീമാംസ - പാശ്ചാത്യം

സാഹിത്യത്തിന്റെ സൈദ്ധാന്തിക അടിത്തറ ഉറപ്പിക്കുകയാണ് ഈ കോഴ്സിന്റെ ലക്ഷ്യം. ആധുനിക സാഹിത്യ രൂപങ്ങളുടെയും പ്രസ്ഥാനങ്ങളുടെയും ആവിർഭാവവും വളർച്ചയും ചരിത്രപരമായി വിശകലന വിധേയമാക്കണം. സാംസ്കാരിക പഠനം, ഉത്തരാധുനികത തുടങ്ങിയ എല്ലാ വൈജ്ഞാനിക ധാരകളെയും സംയോജിപ്പിച്ചുകൊണ്ട് വിമർശനത്തിലൂടെ ഒരു തനത് ചിന്താപദ്ധതി രൂപീകരിക്കാൻ വിദ്യാർത്ഥികൾക്ക് കഴിയണം.

Paper IX

ML 231, സമകാലികസാഹിത്യം - ഗദ്യം

നോവൽ

നവോത്ഥാനാനന്തരനോവലുകളുടെ തുടർച്ച - ആഖ്യാനവും ഭാഷയും പരിവർത്തിക്കപ്പെടുന്നു - വ്യക്തി എസ്റ്റാബ്ലിഷ്മെന്റുകളുടെ ഇരയാണെന്ന പ്രമേയങ്ങൾ - അധികാരവ്യവസ്ഥയുടെ ജീർണ്ണത വെളിപ്പെടുത്തുന്ന കൃതികൾ - സ്വതന്ത്രാനന്തര ഇന്ത്യയിലെ യുവത്വത്തിനുണ്ടാകുന്ന മോഹഭംഗം, അസ്ഥിത്വസംഘർഷത്തിലേർപ്പെടുന്ന കഥാപാത്രങ്ങൾക്ക് രൂപം നൽകുന്നു - ആഗോളീകരണകാലരാഷ്ട്രീയം ഭാവുകത്വപരിണാമത്തിന് കാരണമാകുന്ന - എഴുപതുകൾ മുതലുള്ള നോവൽ സാഹിത്യപഠനത്തിന് പ്രതിനിധാനസ്വഭാവമുള്ള അഞ്ച് നോവലുകൾ പഠ്യവസ്തുക്കളായി ചേർക്കുന്നു.

ML-234, മലയാള വിമർശനം

PAPER XII – ML - 234

കൃതിയുടെ കേവലമായ രസ - അലങ്കാരങ്ങളെ കണ്ടെത്തുന്നതിനപ്പുറം, കൃതി മുന്നോട്ടുവയ്ക്കുന്ന മൂല്യബോധത്തെ തിരിച്ചറിയുകയും അതിനോട് യുക്തിബദ്ധമായി സംവദിക്കുകയും ചെയ്യുമ്പോഴാണ് വിമർശനം രൂപപ്പെടുന്നത്. യുക്തിബോധത്തിന്റെയും സംവാദസന്നദ്ധമാകുന്ന ജനാധിപത്യബോധത്തിന്റെയും പ്രതലത്തിൽ നിന്നാണ് മലയാള വിമർശനസാഹിത്യവും രൂപംകൊള്ളുന്നത്.

മലയാളവിമർശനസാഹിത്യ ചരിത്രത്തെ സമഗ്രമായി മനസ്സിലാക്കുക, ഭാവുകത്വ പരിണാമകാരണങ്ങളെ സവിശേഷമായി കണ്ടെത്തുക, വിമർശനസാഹിത്യത്തിന്റെ സമീപനങ്ങളെയും സമ്പ്രദായങ്ങളെയും തിരിച്ചറിയുക തുടങ്ങിയവയാണ് ഈ പാഠ്യപദ്ധതിയുടെ ലക്ഷ്യം. വിമർശന ചരിത്രത്തെ നാല് ഘട്ടങ്ങളായി തിരിച്ചാണ് പാഠ്യപദ്ധതി തയ്യാറാക്കിയിരിക്കുന്നത്. ഓരോ ഘട്ടത്തിലും വിമർശന സിദ്ധാന്തങ്ങളും പ്രായോഗിക നിരൂപണങ്ങളും വെവ്വേറെയായാണ് നൽകിയിട്ടുള്ളത്. സിദ്ധാന്തത്തിലും പ്രായോഗികത്തിലും ഉള്ള ക്രമാനുഗതമായ വളർച്ചയുടെ വിശകലനവും പഠനലക്ഷ്യത്തിൽപ്പെടുന്നുണ്ട്.

ML-241, സമകാലികസാഹിത്യം - പദ്യം

പഠനലക്ഷ്യം

മലയാള കവിതാ ചരിത്രത്തിൽ സംഭവിച്ച വിപ്ലവാത്മകവും പരീക്ഷണാത്മകവുമായ ഭാവുകത്വ വ്യയാനങ്ങളെ പരിചയിക്കുകയാണ് ലക്ഷ്യം. കവിതയുടെ ഘടനാപരവും രൂപപരവുമായ നിരന്തരപരിണാമങ്ങൾ, കവിത പ്രതിനിധാനം ചെയ്യുന്ന ആശയപരവും പ്രത്യയശാസ്ത്രപരവുമായ തലങ്ങൾ എന്നിവയിൽ അവഗാഹം നേടാനുതകും വിധമാകണം പാഠ്യപദ്ധതി പ്രാവർത്തികമാക്കേണ്ടത്.

ML-243, ആധുനിക ഭാഷാശാസ്ത്രം

ഭാഷാസാഹിത്യ പഠനത്തിന് കരുത്തും ആർജ്ജവവും നൽകിയ പഠന ശാഖയാണ് ഭാഷാ ശാസ്ത്രം. ഭാഷയുടെ ഈ ശാസ്ത്രീയ പഠനം ഭാഷാസാഹിത്യ മേഖലകൾ കടന്ന് അന്തർവൈജ്ഞാനികതയുടെ അനന്തസാധ്യതകൾ തുറന്നുതന്നു. ഭാഷാശാസ്ത്രത്തിലെ അടിസ്ഥാന വിവരങ്ങളും സിദ്ധാന്തങ്ങളും അപഗ്രഥനരീതികളും സൂക്ഷ്മമായി പഠിക്കുവാൻ അവസരമൊരുക്കുന്നതോടൊപ്പം പുതിയ ചിന്തകളെയും സമീപനങ്ങളെയും കുറിച്ച് പഠിതാവിന് സാമാന്യബോധം സൃഷ്ടിക്കുവാൻ ഉദ്ദേശിച്ചാണ് ഈ കോഴ്സ് ക്രമപ്പെടുത്തിയിരിക്കുന്നത്. അതോടൊപ്പം ഭാഷാശാസ്ത്ര സിദ്ധാന്തങ്ങളെ ദ്രാവിഡ ഭാഷാശാസ്ത്രസിദ്ധാന്തങ്ങളെ ദ്രാവിഡ ഭാഷാശാസ്ത്രത്തിന്റെ പരിസരത്തിൽ വിശകലനം ചെയ്യാനും മലയാളഭാഷയോട് ചേർത്ത് അപഗ്രഥിക്കുവാനും ലക്ഷ്യമിടുന്നു. ഭാഷാഘടനകൾ മനസ്സിലാക്കുക, ഭാഷയുടെ സാമൂഹികവും മാനസികവും അന്തർവൈജ്ഞാനികവുമായ തലങ്ങളിലേക്ക് കൂടുതൽ ഉൾക്കാഴ്ച നൽകുക എന്നലക്ഷ്യവും ഈ പഠനത്തിനുണ്ട്. ഇന്ത്യൻഭാഷകളെ സവിശേഷം മനസ്സിലാക്കാനും ഈ സിലബസ് വിദ്യാർത്ഥികളെ പ്രാപ്തരാക്കും.

ML-244 - 1, താരതമ്യ സാഹിത്യം

സാഹിത്യ പഠനത്തിന്റെ മേഖലകളെ വികസിപ്പിച്ച ഒരു പഠനപദ്ധതിയാണ് താരതമ്യസാഹിത്യം. മാനവികമായ ഏതകയെ ഉദ്ബോധിപ്പിക്കുന്നതിൽ താരതമ്യസാഹിത്യം ഉത്സുകമാണ്. ആത്യന്തികമായി ഇത് സംസ്കാരപഠനമാണ്. ഇതിന്റെ സൈദ്ധാന്തിക പരികല്പനകളെയും പ്രയോഗരീതികളെയും പരിചയപ്പെടുത്തുകയാണ് പഠനലക്ഷ്യം.

ലോകമെമ്പാടുമുള്ള മനുഷ്യന്റെ സമാനതകളും ദേശീയത്വനിമകളും നിർധാരണം ചെയ്യാൻ താരതമ്യസാഹിത്യം ശ്രമിക്കുന്നു. കാലം, ദേശം, ഭാഷ എന്നിവയ്ക്കെല്ലാം അതീതമായി മനുഷ്യവർഗ്ഗം പ്രകടിപ്പിക്കുന്ന മൗലികമായ സമാനതകൾ ഏറെ ശ്രദ്ധേയമാണ്. ഇതിൽ കേന്ദ്രീകരിക്കുമ്പോൾത്തന്നെ സൗന്ദര്യശാസ്ത്ര സംബന്ധിയായ മാർഗ്ഗങ്ങളിലൂടെയും താരതമ്യസാഹിത്യം നീങ്ങുന്നുണ്ട്. ഇക്കാര്യങ്ങളെക്കുറിച്ചെല്ലാമുള്ള സമഗ്രമായധാരണ സ്വരൂപിക്കാൻ ഈ പഠനം സഹായകമാണ്. താരതമ്യ സാഹിത്യത്തിന്റെ അടിസ്ഥാനസങ്കല്പങ്ങൾക്കു നേരെ ഉയർന്ന വിമർശനങ്ങളെ പരിശോധിക്കുക, താരതമ്യസാഹിത്യത്തിന്റെ സമകാല പ്രസക്തി വിലയിരുത്തുക എന്നിവയും ഈ പഠനത്തിന്റെ ഭാഗമാണ്.

ML-244- 2 നാടോടി വിജ്ഞാനീയം (Folklore)

പാഠ്യലക്ഷ്യങ്ങൾ

സംസ്കാരത്തിൽ ഊന്നിക്കൊണ്ട് മാനവ ജീവിതത്തെപ്പറ്റി പഠിക്കുന്ന ജ്ഞാനശാഖയാണ് ഫോക്ലോർ. ഗോത്രവർഗക്കാർ, കർഷകത്തൊഴിലാളികൾ, കൈവേലക്കാർ, പാർശ്വവൽക്കരിക്കപ്പെട്ട ജനതകൾ, മറ്റു സാമാന്യജനങ്ങൾ എന്നിവരുടെ സാംസ്കാരികവിഷ്കാരങ്ങളും ലോകവീക്ഷണങ്ങളും തിരിച്ചറിയുക എന്നതാണ് ഈ വിഷയം കൊണ്ടുദ്ദേശിക്കുന്നത്. ഓരോ രാജ്യത്തിലേയും സമ്പന്ന പൈതൃതമായ വാമൊഴിപാരമ്പര്യത്തിൽ നിന്നാണ് വരമൊഴി- സാഹിത്യചരിത്രം ജന്മമെടുത്തിട്ടുള്ളത്. ആചാരങ്ങൾ, അനുഷ്ഠാനങ്ങൾ, വാമൊഴിക്കലകൾ, അരങ്ങുകലകൾ, കൈവേലകൾ, നാട്ടറിവുകൾ തുടങ്ങി മനുഷ്യനേയും സംസ്കാരത്തേയും കൂട്ടിയിണക്കുന്ന അന്തർവിജ്ഞാന മേഖലയാണ് നാടോടിവിജ്ഞാനീയം. ആധുനിക മനുഷ്യൻ നേരിടുന്ന ബഹുവിഷമസന്ധിയിൽ അതിജീവനത്തിനുള്ള മാർഗവും അന്യം നിന്നുപോയ്ക്കൊണ്ടിരിക്കുന്ന മാനവികമൂല്യങ്ങളും കൂട്ടായ്മയുടെ സങ്കല്പങ്ങളും നാട്ടുഭാഷയടമെടുത്ത സാംസ്കാരത്തിന്റെ തനതു സ്രേതസ്സുകളും നാടൻ കലാപഠനത്തിലൂടെ കണ്ടെത്താനാകുന്നു.

ML-244-3, വിവർത്തനം

ലോകം ആഗോള ഗ്രാമമായി മാറിക്കൊണ്ടിരിക്കുന്ന ഈ കാലഘട്ടത്തിൽ സവിശേഷമായ പ്രസക്തിയാണ് വിവർത്തനപഠനത്തിനുള്ളത്. വ്യത്യസ്ത ഭാഷണ സമൂഹങ്ങളുടെ ഇടയിൽ ധാരണയുടെ പാലം പണിയാൻ വിവർത്തനത്തിന് കഴിയുന്നു. വിവർത്തന പഠനത്തിന്റെ രംഗത്തെ പ്രധാന സിദ്ധാന്തങ്ങളെയും രീതിഭേദങ്ങളെയും പരിചയപ്പെടുത്താൻ ഈ പഠനം വഴി സാധിക്കുന്നതാണ്. വിവർത്തനങ്ങളെ മൂല്യനിർണയം ചെയ്യാനും വിവർത്തിത കൃതികളെ മൂലപാഠങ്ങളുമായി തട്ടിച്ചുനോക്കാനും വിദ്യാർത്ഥിക്ക് കഴിയേണ്ടതാണ്. സ്വതന്ത്രമായ വിവർത്തനപ്രക്രിയയിൽ ഏർപ്പെടാൻ പഠിതാക്കൾക്ക് പ്രചോദനം ലഭിക്കത്തക്കവിധത്തിലാണ് ഈ കോഴ്സ് സംവിധാനം ചെയ്തിരിക്കുന്നത്.

MSc Physics : Course Outcome

Semester 1

PH 211: CLASSICAL MECHANICS

Course Outcome

- (i) Students are able to learn the concepts of Lagrangian and Hamiltonian mechanics and use them to solve problems in mechanics. Able to learn concepts of generating functions, Poisson brackets Hamilton Jacobi equations and action angle variables.
- (ii) To equip the students to deal with central force problem and analyzing Kepler's laws.
- (iii) To inculcate the students the concepts of special and general theory of relativity and related problems.
- (iv) To acquaint the students about the theory of small oscillations and Euler's equations of motions of rigid bodies.
- (v) To analyze nonlinear dynamical systems and to explain the concepts of classical chaos.

PH 212: Mathematical Physics

Course Outcome

- (i) To apply and analyze the various vector and matrix operations and to perform complex analysis for solving physical problems.
- (ii) To demonstrate and utilize the concepts of Fourier series and its transforms.
- (iii) To explain and differentiate different probabilistic distributions.
- (iv) To apply partial differential equations and special functions for solving mathematical problems.
- (v) To illustrate and apply concepts of group theoretical operations and tensors.

PH 213: BASIC ELECTRONICS

Course Outcome

- (i) To equip the students design and analyze different analogue and digital circuits.
- (ii) To summarize the knowledge of basic arithmetic and data processing circuits and memory devices.
- (iii) To equip the students to explain various components in optical communications systems and microwave devices.
- (iv) To measure and analyze the different electronic signals.

Semester 2

PH 221: MODERN OPTICS AND ELECTROMAGNETIC THEORY

Course Outcome

- (i) To demonstrate the linear and nonlinear optical phenomena.
- (ii) To explain and discuss propagation of electromagnetic waves through different media.
- (iii) To restate formulations and relativistic effects in electrodynamics.
- (iv) To analyse the propagation of electromagnetic waves through waveguides.
- (v) To use radiation theory in developing different antennas.

PH 222: THERMODYNAMICS, STATISTICAL PHYSICS AND BASIC QUANTUM MECHANICS

Course Outcome

- (i) To explain the basic thermodynamic relations, Maxwell's equations and its consequences.
- (ii) To equip the students to demonstrate and apply classical and quantum statistics in different physical phenomena.
- (iii) To distinguish the different phase transitions using Ising model.
- (iv) Outline and apply foundations of quantum mechanics.

PH 223: COMPUTER SCIENCE AND NUMERICAL TECHNIQUES

Course Outcome

- (i) To summarize computer hardware and its operating systems
- (ii) Explain internal architecture of microprocessors 8085 and create assembly language programing.
- (iii) To develop and compile programs in python and C++.
- (iv) Apply numerical methods to solve physical problems.

Semester 3

PH231: ADVANCED QUANTUM MECHANICS

Course Outcome

- (i) To extend the use of approximation methods viz variation, WKB, time dependent and time independent perturbations.
- (ii) To summarize different types of symmetry, conservation laws and quantum theory of scattering.
- (iii) To distinguish different approximation methods, to study the structure and properties of many electron systems.
- (iv) To compute eigen values of angular momentum and evaluation of CG coefficients.
- (v) Infer the requirements of relativistic quantum mechanics.

PH 232: ATOMIC AND MOLECULAR SPECTROSCOPY

Course Outcome

- (i) Explain different symmetry operations and deduction of molecular structure.
- (ii) Distinguish and classify the different spectra shown by atoms and molecules
- (iii) Illustrate the various spectroscopic experimental techniques.

PH 233 E: ADVANCED ELECTRONICS -I

Course Outcome

- (i) To summarize various techniques of digital and analog communication systems.
- (ii) Generalize the idea of information theory
- (iii) Illustrate various techniques for digital signal processing based Fourier and Z transform.

Semester 4

PH 241: CONDENSED MATTER PHYSICS

Course Outcome

- (i) Discuss crystal physics, lattice vibrations, models of thermal properties and band theory of solids.
- (ii) Explain the theoretical concepts of semiconductors, dielectric, magnetic and superconducting materials.
- (iii) To describe the synthesis and characterization techniques of nanomaterials.
- (iv) To apply the concepts in condensed matter physics to meet the challenges.

PH 242: NUCLEAR AND PARTICLE PHYSICS

Course Outcome

- (i) To describe and analyze nuclear structure, models and reactions.
- (ii) To illustrate the mechanisms of nuclear fission and fusion reactions.
- (iii) Discuss various nuclear detectors and particle accelerators.
- (iv) To classify elementary particles and discuss their interactions.

243 E: ADVANCED ELECTRONICS-II

Course Outcome

- (i) Demonstrate microprocessor architecture, programming and interfacing devices.
- (ii) Outline the basic concepts of embedded systems, artificial intelligence and neural networks.
- (iii) Illustrate fundamental data communications codes, radar and satellite communication systems.

MSc Chemistry

Semester 1

CH 211 INORGANIC CHEMISTRY I

Total 90 h

CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to</i>	Cognitive Level	PSO No.
1.	employ crystal field theory in analysing the splitting of d orbitals in octahedral, tetragonal, square planar, tetrahedral, trigonal bipyramidal and square pyramidal fields, calculate Crystal Field Stabilization Energy and Interpret Octahedral Site Stabilization Energy.	Ap, An U	1
2.	apply Jahn-Teller theorem and demonstrate evidence for JT effect, static and dynamic JT effect.	Ap	1
3.	illustrate MOT for octahedral and tetrahedral complexes with and without pi bonds and construct MO diagrams.	An C	1
4.	critically evaluate data from a variety of analytical chemistry techniques and apply knowledge of the statistical analysis of data.	Ap, E	1, 2
5.	interpret complexometric titrations, redox titrations, gravimetric titrimetry and titrations in non-aqueous solvents.	E, U	1, 2
6.	apply TG, DTA and DSC in the study of metal complexes.	Ap, An	1, 2
7.	explain the functioning of the frontier materials in inorganic chemistry like Solid Electrolytes, Solid oxide fuel cells, Rechargeable battery materials, Molecular materials and fullerenes.	U	1, 4, 6
8.	explain the preparation, properties and structure of isopoly acids of Mo, W and V and heteropoly acids of Mo and W.	U	1
9.	explain preparation and properties of xenon fluorides, and noble gas compounds, aluminosilicates, zeolites and silicones and identify the importance of shape selectivity.	U	1
10.	identify the chemical processes occurring naturally in earth's atmospheric, aquatic and soil environments and evaluates the impacts of human perturbations to these processes.	An, E	4

CH 212 ORGANIC CHEMISTRY I

Total 90 h

CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to</i>	Cognitive Level	PSO No.
1.	write down the IUPAC name of polycyclic, spirocyclic and heterocyclic compounds and draw the structures from the IUPAC name of these compounds.	U	1

2.	determine R and S, P and M, E and Z configuration of compounds with chiral centres, biphenyls, allenes, spiranes and draw the configurations in dash and wedge formula, or zig –zag configurations.	E	1
3.	detect prochirality in a compound and explain relevance of prochirality .	U, An	1
4.	explain chiral centre, chiral axis and chiral plane with examples, stability of conformations, stereoselective and stereospecific reactions.	An, E	1
5.	calculate Cotton effect of a compound from its structure and configuration.	E	1
6.	explain different methods for generation of free radical and different types of free radical reactions- Predict the products in a free radical reaction.	U, An	1
7.	describe different types mechanism of substitution, elimination, hydrolysis and addition reactions.	Ap	1
8.	differentiate the rate, mechanism and stereochemistry influenced by solvent, substrate structure, intermediate stability.	An	1
9.	predict the products or reactants or reagents in selected	U	1
	types of reactions.		
10.	design the mechanism of selected reactions.	C	1

CH 213 PHYSICAL CHEMISTRY I

Total 90 h

CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to</i>	Cognitive Level	PSO No.
1.	outline the development of quantum mechanics and its tools and apply them in determining the wave functions and energies of moving particles.	U, Ap, An	1
2.	recognize the nature of adsorption and propose theories and choose theoretical and instrumental methods of measurements of surface property.	U, Ap, An	1
3.	understand theory and mechanism of catalytic action.	U	1
4.	correlate thermodynamic properties and apply them in systems.	U, Ap, An	1
5.	understand theories, mechanism and, kinetics of reactions and solve numerical problems.	U, Ap, An	1
6.	identify point groups and construct character table and predict hybridisation and spectral properties of molecules.	U, Ap, C	1

SEMESTER 2

CH 221 INORGANIC CHEMISTRY II

Total 90 h

CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to</i>	Cognitive Level	PSO No.
1.	obtain the term symbols of d^n system and determine the splitting of terms in weak and strong octahedral and tetrahedral fields.	E	1
2.	explain the correlation diagrams for d^n and $d^{(n-1)}$ ions in octahedral and tetrahedral fields and interprets electronic spectra of complexes.	U, E	1
3.	applies magnetic measurements in the determination of structure of transition metal complexes.	Ap	1
4.	relates crystalline structure to X-ray diffraction data and the reciprocal lattice and explains the diffraction methods	U	1
5.	explains crystal defects .	U	1
6.	elaborates the structure of selected compounds of AX , AX_2 , A_mX_2 , ABX_3 and spinels.	C	1
7.	explains the electronic structure of solids using free electron theory and band theory.	E	1
8.	understands the differences in semiconductor and dielectric materials and their electrical and optical properties	U, E	1
9.	explain the structure and reactions of S-N, P-N, B-N, S-P compounds and boron hydrides.	U, E	1
10.	analyse the topological approach to boron hydride structure and estimates styx numbers and apply Wade's rules in borane and carboranes.	Ap, An, E	1
11.	identify the electronic configurations and term symbols of lanthanides and actinides.	Ap	1
12.	sketches the shapes of f orbital and shows their splitting in cubic ligand field.	U	1
13.	elaborates the importance of the beach sands of Kerala and their important components.	C	1

CH 222 ORGANIC CHEMISTRY II

Total 90 h

CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to</i>	Cognitive Level	PSO No.
1.	discuss the fundamentals, operating principles and instrumentation of separation techniques.	R	1,
2.	differentiate the principle and applications of phase transfer catalysis with examples.	An	1
3.	describe the various methods of determining reaction mechanisms and basic thermodynamic principles of organic reactions.	U	1

4.	explain the Hammett parameters of reaction and design an experiment to confirm the mechanism of a reaction.	R, C	1
5.	identify different types of rearrangement reactions, determine the product of the reaction applying migratory aptitude, and reproduce the evidences for the mechanism of the reaction.	R, E	1
6.	understand that the outcomes of pericyclic reactions may be understood in terms of frontier orbital interactions, correlation diagram, Mobius and Huckel approach.	R	1
7.	recall and define the various types of pericyclic reaction; define such terms as 'conrotatory', 'suprafacial'.	R	1
8.	predict and rationalise the outcomes of pericyclic reactions including stereospecificity, regioselectivity, and stereoselectivity.	U	1
9.	state the synthetic importance of the above cycloaddition and rearrangement reactions, and give disconnections of target compounds corresponding to these reactions.	R	1
10.	describe the fate of excited molecule based on Jablonoski diagram, predict the course of an organic photochemical reaction and identify the product with the type of functional group.	R, An	1
11.	propose synthetic routes to a variety of molecules, starting from simple precursors with correct stereochemistry and reagents of selected reactions.	Ap	1

CH 223 PHYSICAL CHEMISTRY II

Total 90 h

CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to</i>	Cognitive Level	PSO No.
1.	apply quantum mechanical principles in solving both real and imaginary spherical harmonics systems-multi electron systems and analyse spectral lines.	U, Ap, An	1
2.	describe and explain the physical and chemical principles that underlie molecular structure determination techniques like microwave, vibrational, Raman and electronic spectroscopy.	R, U	1
3.	predict likely spectral characteristics of given molecular species, and be able to rationalise those characteristics on the basis of structural and electronic arguments.	Ap, An	1
4.	acquire knowledge of basics of statistical mechanics and compare statistical methods.	U, Ap	1
5.	understand and apply of theories of heat capacity.	U, Ap	1

6.	understand theories of electrolytes and electrochemical reactions.	R, U, Ap, An	1
7	ascertain the application of electrochemistry in industrial fields.	An	1
8.	understand the theories and applications behind various types of analytical techniques in electrochemistry.	U	1
9	acquire skill in solving numerical problems.	Ap	1

SEMESTER 3

CH 231 INORGANIC CHEMISTRY III

Total 90 h

CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to</i>	Cognitive Level	PSO No.
1.	demonstrate knowledge of advanced content in the areas of inorganic chemistry such as in organometallic compounds, bioinorganic compounds, spectroscopic methods in inorganic Chemistry and nuclear chemistry.	U	1
2.	examine the bonding in simple and polynuclear carbonyls with and without bridging and complexes with linear π donor ligands.	U, An	1
3.	explain the structure and bonding of ferrocene and dibenzenechromium with the help of MO theory.	U, An, C	1
4.	understand fundamental reaction types and mechanisms in organometallics and to employ them to understand selected catalytic processes in industry.	U, An, C	1
5.	contrasts the thermodynamic and kinetic stability of complexes, analyses the factors affecting stability of complexes and explains the methods of determining stability constants.	An, E	1
6.	classifies ligand substitution reactions and explains its kinetics and various mechanisms.	U, E	1
7.	analyze the chemical and physical properties of metal ions responsible for their biochemical action as well as the techniques frequently used in bioinorganic chemistry such as oxygen transport, e-transfer, communication, catalysis, transport, storage etc.	U, An	1
8.	explain the principles of spectroscopic methods employed in inorganic chemistry and their applications in the study of metal complexes.	An, E	1

9.	demonstrate a knowledge of fundamental aspects of the structure of the nucleus, radioactive decay, nuclear reactions, counting techniques.	R, U	1
10.	evaluate the role of nuclear chemistry to find the most suitable measures, administrative methods and industrial solutions to ensure sustainable use of the world's nuclear resources.	U, E, C	1, 4

CH 232 ORGANIC CHEMISTRY III

Total 90 h

CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to</i>	Cognitive Level	PSO No.
1.	describe and explain the physical and chemical principles that underlie molecular structure determination techniques such as UV-visible, IR, mass and NMR spectroscopy.	U, An	1
2.	apply knowledge of molecular structure determination using UV-visible, IR, mass and NMR spectroscopic techniques to identify and/or characterise chemical compounds from experimental data.	Ap, An	1, 8
3.	calculate λ_{max} of a compound, apply IR frequency table to determine the functional groups present in the molecule, interpret mass spectrum of compound from fragmentation.	U, Ap	1, 8
4.	predict likely spectral characteristics of given molecular species; solve the structures of unknown molecules using appropriate spectroscopic techniques.	U, Ap, An	1, 8
5.	devise a 2 D NMR of a compound based on learned principles and solve the structure of a compound based on NMR data.	C, Ap	1, 8
6.	discuss organic transformations with organometallic compounds and predict the products of the reactions.	U	1
7.	propose the retro synthetic pathways to a variety of molecules	U, Ap, C	1
8.	propose mechanisms for chemical reactions, given starting materials, reagents, conditions, and/or products.	U, Ap, C	1
9.	compare the reactions and mechanism and determine the products of a selected set of reactions; identify protecting group strategies.	Ap, E	1
10.	devise combinatorial method to create a library of compounds.	C	1, 6
11.	give examples of stereoselective, regioselective and chemoselective reductions and oxidations.	U	1

CH 233 PHYSICAL CHEMISTRY III**Total 90 h**

CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to</i>	Cognitive Level	PSO No.
1.	understand the theories of chemical bonding and their application with help of approximate methods predict the nature of orbitals and molecular spectra.	U, Ap, An	1
2.	compare MO and VBT.	An	1
3.	understand the properties of gases and liquids and the nature of the intermolecular forces in them.	U, Ap, An	1
4.	describe the principle behind the determination of surface tension and coefficient of viscosity.	U	1
5.	describe and explain the physical and chemical principles that underlie molecular structure determination techniques like NMR, ESR, Mossbauer, NQR and PES spectroscopy.	U, Ap, An	1
6.	judge the degrees of freedom of systems and understand theories of irreversible thermodynamic systems.	U, Ap, An, E	1
7.	understand the quantum mechanical and non-quantum mechanical methods in computational chemistry, potential energy surface and basis functions.	U, An	1
8.	write the Z matrix of simple molecules.	U, Ap	1
9.	acquire skill in solving numerical problems.	Ap	1

SEMESTER 4**CH 241 CHEMISTRY OF ADVANCED MATERIALS****Total 90 h**

CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to</i>	Cognitive Level	PSO No.
1.	understand dimensions, synthesis, physicochemical properties of nanomaterials and its applications.	U, Ap, An	1
2.	understand and apply characterization tools for analysing nano structures.	U, Ap, An	1
3.	outline and recognize the types of polymerization, kinetics and mechanisms.	U, Ap, An	1
4.	understand the stereochemical aspects and methods for the determination of molecular weights of polymers.	U, Ap, An	1
5.	discuss the synthesis and applications of selected classes of speciality polymers.	U, Ap, An	1, 5
6.	distinguish the types and important applications of smart materials.	U, Ap, An	1, 5

CH 242 (b) ORGANIC CHEMISTRY IV**Total 90 h**

CO No.	Expected Course Outcomes <i>Upon completion of this course, the students will be able to</i>	Cognitive Level	PSO No.
1.	define secondary metabolites from plants and animals.	R	1
2.	explain the biosynthesis of terpenes and sterols, illustrate the structural elucidation and synthesis of natural products.	U, An	1
3.	list the forces involved in molecular recognition and recognize molecular receptors.	U	1
4.	quote molecular recognition events in biological systems.	U	1
5.	discuss the methods of creating combinatorial libraries and its processing to locate lead molecule.	U	1
6.	explain the various stages in drug development process, and outline the synthesis of paracetamol, phenobarbital, diazepam, sulphamethoxazole, benzylpenicillin, and chloramphenicol.	R, U, C	1
7.	construct a solid phase synthesis of tripeptide from any three aminoacids, explain protection, deprotection and automated synthesis of peptides and nucleotides.	U, C	1
8.	describe twelve principles green chemistry.	R	1, 4
9.	illustrate reactions in which green chemistry principles are applied and calculate atom economy.	Ap, An	1, 4