



IQBAL COLLEGE

PERINGAMMALA, THIRUVANANTHAPURAM



Programme Outcomes

Course Outcomes

Programmes Specific Outcomes

2018-19

1. FIRST DEGREE PROGRAMME IN ZOOLOGY

COURSES OFFERED BY THE DEPARTMENT

1. B.Sc Zoology Degree – Core Course

2. B.Sc Zoology Complementary Course

B.Sc. ZOOLOGY DEGREE – CORE COURSE

SEMESTER	COURSE TITLE	COURSE CODE
I	Animal Diversity I	ZO1141
II	Animal Diversity II	ZO1241
III	Methodology and Perspectives of Zoology	ZO1341
IV	Cell Biology	ZO1441
V	Genetics and Biotechnology	ZO1541
V	Immunology and Microbiology	ZO1542
V	Physiology and Biological chemistry	ZO1543
VI	General Informatics, Bioinformatics and Molecular Biology	ZO1621
VI	Developmental Biology and Experimental Embryology	ZO1641
VI	Ecology, Ethology, Evolution and Zoogeography	ZO1642
Practical I	Methodology and Perspectives of Zoology, Animal Diversity I and II	ZO1442
Practical II	Cell Biology, Genetics, Biotechnology, Immunology and Microbiology	ZO1643
Practical III	Physiology and Biological Chemistry, Molecular Biology and Bioinformatics	ZO1644
Practical IV	Developmental Biology , Ecology, Ethology, Evolution and Zoogeography	ZO1645
Open Course I	Human diseases and their management Course	ZO1551.3
Open Course II	Economic Zoology - Vermiculture and Apiculture	ZO1651.1
PROJECT AND FIELD STUDY	Project on research Topic & Field study to wild life sanctuary / museum / zoo	ZOI646

PROGRAMME OUTCOMES

- Provide the students with an in-depth knowledge of the diversity in form, structure and habits of animals.
- Introduce the methodology and perspectives of Science in general so as to enable the students to systematically pursue Zoology in relation to other disciplines that come under the rubric of science.
- Educate the students on the underlying genetic mechanism operating in man and state of the art bio-techniques

Semester	Course outcomes and Course Specific Outcomes
I	<ul style="list-style-type: none"> • Provide the students with an in-depth knowledge of the diversity in form, structure and habits of invertebrates.
II	<ul style="list-style-type: none"> • Provide the students with an in-depth knowledge of the diversity in form, structure and habits of vertebrates.
III	<ul style="list-style-type: none"> • Enable the students to systematically pursue Zoology in relation to other disciplines that come under the rubric of science.
IV	<ul style="list-style-type: none"> • To educate the student on the fundamental structure, biochemistry and function of the cell.
V	<ul style="list-style-type: none"> • Educate the students on the underlying genetic mechanism operating in man and state of the art bio-techniques • 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 • Update the student on the scope and importance of clinical immunology and create awareness about the inherent dangers of microbes. • Improve the student's perspective of health and biology through in-depth study of human physiology
VI	<ul style="list-style-type: none"> • Expand basic informatics skill and attitudes relevant to the emerging society and also to equip the student to effectively utilize the digital knowledge resources for the study of Zoology • Familiarize the student with the principle of developmental biology and provide him a bird's eye view of sophisticated embryological techniques • Enhance the student's concept of nature and her resources and appreciating the process and product of organic evolution
Practical I	<ul style="list-style-type: none"> • Provide a hands on training experience in anatomy through simple dissection and mountings
Practical II	<ul style="list-style-type: none"> • expertise the student to carry out routine hematological and microbiological techniques
Practical III	<ul style="list-style-type: none"> • Demonstrate basic principles in physiology
Practical IV	<ul style="list-style-type: none"> • They understand more about the developmental biology of both invertebrate and vertebrate through models and preserved specimens. • They achieve hands on training experience in analysis of various

	<p>parameters in the water samples and study about the plankton and the faunal ecological adaptations.</p> <ul style="list-style-type: none"> • They learn more about ethology through experimental set ups. • They understand more about the contributions of the scientists and study about the different zoogeographical realms with fauna.
Open Course I	<ul style="list-style-type: none"> • Instill in the students the need to manage communicable diseases thereby creating a healthy society
Open Course II	<ul style="list-style-type: none"> • Promote self-employment and self-reliance among educated youth

B.Sc. ZOOLOGY COMPLEMENTARY COURSE

SEMESTER	COURSE TITLE	COURSE CODE
I	Animal Diversity I	ZO1131
II	Animal Diversity II	ZO1231
III	Functional Zoology	ZO1331
IV	Applied Zoology	ZO1431
Practical I	Animal Diversity I &II, Functional Zoology and Applied Zoology	ZO1432

PROGRAMMES SPECIFIC OUTCOME

Semester	Course outcomes and Course Specific Outcomes
I	<ul style="list-style-type: none"> • Provide the students with an in-depth knowledge of the diversity in form, structure and habits of invertebrates.
II	<ul style="list-style-type: none"> • Provide the students with an in-depth knowledge of the diversity in form, structure and habits of vertebrates.
III	Familiarize students on the physiology of their own body and urge them to take precautionary measures to safeguard their health.
IV	<ul style="list-style-type: none"> • Introduce the methodology and perspectives of applied branches of zoology with a view of educating youngsters on the possibilities of self-employment • Learn the basic principles involved in the culture and breeding of common edible and ornamental fishes of Kerala and the art of aquarium keeping. • Get a basic understanding of human genomics and reproductive biology including stem cell research and prenatal diagnostic techniques
Practical I	<ul style="list-style-type: none"> • Attain hands- on training experience in anatomy through simple dissections and mountings and enable themselves to carry out routine clinical analysis of blood and urine

2. FIRST DEGREE PROGRAMME IN BOTANY

COURSES OFFERED BY THE DEPARTMENT

1. B.Sc Botany Degree – Core Course

2. B.Sc Botany Complementary Course

SEMESTER	COURSE TITLE	COURSE CODE
I	Angiosperm Anatomy, Reproductive Botany And Palynology	BO1141
II	Methodology And Perspectives In Plant Sciences	BO1221
III	Microbiology, Phycology, Mycology, Lichenology And Plant Pathology	BO 1341
IV	Bryology, Pteridology, Gymnesperms And Paleobotany	BO 1441
V	Angiosperm Morphology, Systematic Botany, Economic Botany, Ethnobotany And Parmaconosy	BO 1541
V	Environmental Studies And Phytogeography	BO1542
V	Cell Biology, Genetics Nad Evolutionary Biology	BO 1543
VI	Plant Physiology And Biochemistry	BO1641
VI	Molecular Biology, General Informatics & Bioinformatics	BO1642
VI	Horticulture, Plant Breeding & Research Methodology	BO1643
Practical I	Angiosperm Anatomy, Reproductive Botany And Palynology Methodology And Perspectives In Plant Sciences	BO1544
Practical II	Microbiology, Phycology, Mycology, Lichenology And Plant Pathology Bryology, Pteridology, Gymnesperms And Paleobotany	BO1545
Practical III	Angiosperm Morphology, Systematic Botany, Economic Botany, Ethnobotany And Parmaconosy Environmental Studies And Phytogeography	BO1644
Practical IV	Cell Biology, Genetics Nad Evolutionary Biology Plant Physiology And Biochemistry Molecular Biology, General Informatics & Bioinformatics	BO1645
Open Course I	Mushroom Cultivation And Marketing	BO1551.2
Open Course II	Biotechnology And Nano Technology	BO1651
PROJECT AND FIELD STUDY		

- Impart knowledge of science is the basic objective of education
- Develop scientific attitude is the major objective to make the students open minded, critical, curious.
- Develop skill in practical work, experiments and laboratory materials and equipment along with the collection and interpretation of scientific data to contribute to science.
- Understand scientific terms, concepts, facts, phenomenon and their relationships.
- Make students aware of natural resources and environment.
- 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.

SEMESTER	Course outcomes and Course Specific Outcomes
I	<ul style="list-style-type: none"> • Develop skills for identification of microscopic structures
II	<ul style="list-style-type: none"> • Enable the students to systematically peruse this particular discipline in science in relation to other disciplines that come under the rubric of sciences
III	<ul style="list-style-type: none"> • Familiarise the students with beneficial and harmful effects of different microorganism in daily life and industrial use of different types of microbes.
IV	<ul style="list-style-type: none"> • Create awareness about non flowering plant groups like bryophytes, Pteridophytes and Gymnosperms.
V	<ul style="list-style-type: none"> • Understand classification, identification and preservation of Angiosperms along with ethno botanical importance. • Inculcate environmental awareness among students for protecting the Nature. • Familiarize cellular organelles, Classical Genetics and importance of Evolution • Creating awareness about the nutritional, medicinal importance of mushrooms on day today life.
VI	<ul style="list-style-type: none"> • Create awareness about physiological and biochemical aspects of growth and metabolism. • Develop knowledge about molecular biology of genetic material and gene expression along with information technology and biological databases. • Get an awareness in principles and methods of gardening • impart knowledge about biotechnology and Nano biotechnology
Open Course I	<ul style="list-style-type: none"> • Creating awareness about the nutritional, medicinal importance of mushrooms on day today life.
Open Course II	<ul style="list-style-type: none"> • give insight into applications in industrial biotechnology and Nano biotechnology

B.Sc. BOTANY COMPLEMENTARY COURSE

SEMESTER	COURSE TITLE	COURSE CODE
I	Microtechnique, Angiosperm Anatomy and Reproductive Botany	BO1131
II	Phycology Mycology Lichenology Bryology Pterydology Gymnosperm and Plant Pathology	BO1231
III	Systematic Botany Economic Botany Ethano Botany and Plant Breeding	BO1331
IV	Plant Physiology Plant Ecology Horticulture and Plant Biotechnology	BO1431
Practical I		BO1432

PROGRAMMES SPECIFIC OUTCOME

Semester	Course outcomes and Course Specific Outcomes
I	<ul style="list-style-type: none">• Understand classification, identification and preservation of Angiosperms along with ethno botanical importance.
II	<ul style="list-style-type: none">• Familiarise the students with beneficial and harmful effects of different microorganism in daily life and industrial use of different types of microbes.
III	<ul style="list-style-type: none">• Understand classification, identification and preservation of Angiosperms along with ethno botanical importance.
IV	<ul style="list-style-type: none">• Create awareness about physiological and biochemical aspects of growth and metabolism.
Practical I	BO1131, BO1231, BO1331, BO1431

3. FIRST DEGREE PROGRAMME IN MATHEMATICS

COURSES OFFERED BY THE DEPARTMENT

1. B.Sc Mathematics Degree – Core Course

2. B.Sc Mathematics Complementary Course

SEMESTER	COURSE TITLE	COURSE CODE
I	METHODS OF MATHEMATICS	MM 1141
II	FOUNDATIONS OF MATHEMATICS	MM 1221
III	ALGEBRA AND CALCULUS-I	MM 1341
IV	ALGEBRA AND CALCULUS-II	MM 1441
V	REAL ANALYSIS-I	MM 1541
V	COMPLEX ANALYSIS I	MM 1542
V	DIFFERENTIAL EQUATIONS	MM 1543
V	VECTOR ANALYSIS	MM 1544
V	ABSTRACT ALGEBRA I	MM 1545
VI	REAL ANALYSIS-II	MM 1641
VI	LINEAR ALGEBRA	MM 1642
VI	COMPLEX ANALYSIS II	MM 1643
VI	ABSTRACT ALGEBRA II	MM 1644
Practical I	COMPUTER PROGRAMMING (PRACT.)	MM 1645
Open Course I	OPERATIONS RESEARCH	MM1551.1
Open Course II	GRAPH THEORY	MM 1661
PROJECT		

PROGRAMME OUTCOMES

- Enable students to define mathematical concepts, calculate quantities, estimate solutions, solve problems, represent mathematical information, develop models, interpret data, explore systems, and communicate mathematical thoughts.
- Develop student abilities and aptitudes to apply mathematical methods and ideas not only to problems in mathematics and related fields such as the sciences, computer science, actuarial science, or statistics, but also to virtually any area of inquiry.

Semester	Course outcomes and Course Specific Outcomes
I	<ul style="list-style-type: none"> • Concept of real and complex numbers and their role in modern mathematics
II	<ul style="list-style-type: none"> • Demonstrate accurate and efficient use of analysis technique
III	<ul style="list-style-type: none"> • Demonstrate capacity for mathematical reasoning through analysing proving and explaining concepts.
IV	<ul style="list-style-type: none"> • Apply problem solving technique in diverse situations in physics, engineering and other mathematical contexts.
V	<ul style="list-style-type: none"> • After mathematic graduation students will develop mathematical thinking, progressive develop from procedural/computational understanding of mathematics to broad level of understanding, logical reasoning, • Know about basics of systematic and understand the hierarchy of different categories.
VI	<ul style="list-style-type: none"> • Understand how science works. • Study to apply scientific methods independently.
Practical I	<ul style="list-style-type: none"> • Computer application in Mathematics
Open Course I	<ul style="list-style-type: none"> • In operations research, problems are broken down into basic components and then solved in defined steps by mathematical analysis.
Open Course II	<ul style="list-style-type: none"> • Application of graph theory in real life

4. FIRST DEGREE PROGRAMME IN PHYSICS

COURSES OFFERED BY THE DEPARTMENT

1. B.Sc Physics Degree – Core Course

2. B.Sc Physics Complementary Course

SEMESTER	COURSE TITLE	COURSE CODE
I	BASIC MECHANICS & PROPERTIES OF MATTER	PY.1141
II	HEAT AND THERMODYNAMICS	PY.1241
III	ELECTRODYNAMICS	PY .1341
IV	CLASSICAL AND RELATIVISTIC MECHANICS	PY.1441
V	QUANTUM MECHANICS	PY1541
V	STATISTICAL PHYSICS, RESEARCH METHODOLOGY AND DISASTER MANAGEMENT	PY1542
V	ELECTRONICS	PY1543
V	ATOMIC & MOLECULAR PHYSICS	PY1544
VI	SOLID STATE PHYSICS	PY 1641
VI	NUCLEAR AND PARTICLE PHYSICS	PY 1642
VI	CLASSICAL AND MODERN OPTICS	PY1643
VI	DIGITAL ELECTRONICS AND COMPUTER SCIENCE	PY1644
Practical I	BASIC PHYSICS LAB 1	PY1442
Practical II	ADVANCED PHYSICS LAB 2	PY1645
Practical III	ADVANCED PHYSICS LAB 3	PY1646
Open Course I	APPLIED PHYSICS	PY1551.3
Open Course II	NANO SCIENCE AND TECHNOLOGY	PY1661.4
PROJECT		

B.Sc PHYSICS COMPLEMENTARY COURSE

SEMESTER	COURSE TITLE	COURSE CODE
I	MECHANICS AND PROPERTIES OF MATTER	PY1131.1
II	THERMAL PHYSICS AND STATISTICAL MECHANICS	PY1231.1
III	OPTICS, MAGNETISM AND ELECTRICITY	PY1331.1
IV	MODERN PHYSICS AND ELECTRONICS	PY1431.1
Practical I		

PROGRAMME OUTCOMES

- Students are also expected to develop a written and oral communication skills in communicating physics-related topics
- Students will realize and develop an understanding of the impact of physics and science on society.
- Provide an intellectually stimulating environment to develop skills and enthusiasms of students to the best of their potential.

Semester	Course outcomes and Course Specific Outcomes
I	<ul style="list-style-type: none"> • Provide a solid foundation in all aspects of physics and to show a broad spectrum of modern trends in physics and develop experimental, computational and mathematical skills of students.
II	<ul style="list-style-type: none"> • To study the basics of various thermodynamic processes and its applications
III	<ul style="list-style-type: none"> • Impart the skills required to gather information from resources and use them.
IV	<ul style="list-style-type: none"> • Equip the students in methodology related to physics.
V	<ul style="list-style-type: none"> • Develop their experimental and data analysis skills through a wide range of experiments in the practical laboratories. • Equip the students in methodology related to physics.
VI	<ul style="list-style-type: none"> • Provide an intellectually stimulating environment in which the students have the opportunity to develop their skills and enthusiasms to the best of their potential.
Practical I	<ul style="list-style-type: none"> • Equip the students with experimental theory
Practical II	<ul style="list-style-type: none"> • To give awareness about practical application of physics
Practical III	<ul style="list-style-type: none"> • Application of thermodynamics in real life
Practical IV	<ul style="list-style-type: none"> • To equip the students with experimental theories
Open Course I	<ul style="list-style-type: none"> • Application of physics in real life
Open Course II	

5. FIRST DEGREE PROGRAMME IN HISTORY

COURSES OFFERED BY THE DEPARTMENT

1. B.A History Degree – Core Course

SEMESTER	COURSE TITLE	COURSE CODE
I	METHODOLOGY AND PERSPECTIVES OF SOCIAL SCIENCES	HY 1141
II	CULTURAL FORMATION OF THE PRE-MODERN WORLD	HY 1241
III	INFORMATICS EVOLUTION OF EARLY INDIAN SOCIETY AND CULTURE	HY 1321 HY 1341
IV	MEDIEVAL INDIA: SOCIO- CULTURAL PROCESSES HISTORY OF MODERN WORLD – PART I	HY 1441 HY 1443
V	MAJOR TRENDS IN HISTORICAL THOUGHT AND WRITINGS	HY 1541
V	COLONIALISM AND RESISTANCE MOVEMENTS IN INDIA	HY 1542
V	HISTORY OF MODERN WORLD – PART II	HY 1543
V	HISTORY OF PRE-MODERN KERALA	HY1544
V	MAKING OF INDIAN NATION	HY1545
VI	MAKING OF MODERN KERALA	HY1641
VI	MAJOR TRENDS IN INDIAN HISTORICAL THOUGHT AND WRITINGS	HY 1642
VI	CONTEMPORARY INDIA	HY1643
VI	THE TWENTIETH CENTURY REVOLUTIONS	HY 1644
Open Course I		
Open Course II	AN INTRODUCTION TO ARCHEOLOGY	HY1551.2
PROJECT		

PROGRAMME OUTCOMES

- Provide an insight into the discipline of history
- Give an introduction of the students on various periods & concepts in history
- Inculcate the need for travel and visit to Historical and Cultural monuments and remains among the students so as to educate and sensitize them of their past heritage and history

Semester	Course outcomes and Course Specific Outcomes
I	<ul style="list-style-type: none"> • The students familiarize with the broad contours of Social Sciences and its methodology.
II	<ul style="list-style-type: none"> • Enable the students to engage with conceptual and general issues regarding culture and civilization of the ancient period.
III	<ul style="list-style-type: none"> • 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. • The students familiarize with the heritage of India.
IV	<ul style="list-style-type: none"> • Equip the Students to have an idea on the Social Cultural and Administrative Features during the Medieval Period.
V	<ul style="list-style-type: none"> • The students can analyse the genesis and progress of the resistance Movements against the British.
V	<ul style="list-style-type: none"> • Gives an idea about the First and Second World Wars.
V	<ul style="list-style-type: none"> • To review the circumstances that led to the establishment of colonialism in India and economic fields
V	<ul style="list-style-type: none"> • To review the circumstances that led to the establishment of colonialism in India and economic fields
VI	<ul style="list-style-type: none"> • Enable the students to understand the origin and development of historical writings in India.
VI	<ul style="list-style-type: none"> • Provide the students with a graphic account of the circumstances that led to the formation of Indian Union.
VI	<ul style="list-style-type: none"> • Provide the students with a graphic account of the circumstances that led to the formation of Indian Union.
VI	<ul style="list-style-type: none"> • To familiarise the concept of socio economic progress
Open Course I	
Open Course II	<ul style="list-style-type: none"> • Get an idea of archaeology and its importance
PROJECT	

6. FIRST DEGREE PROGRAMME IN COMMERCE

COURSES OFFERED BY THE DEPARTMENT

1. B Com Degree – Core Course
2. MCom Degree

SEMESTER	COURSE TITLE	COURSE CODE
I	Methodology & perspectives of Business Education	CO 1121
I	Environmental Studies	CO 1141
I	Management Concepts & Thoughts	CO 1142
I	Complementary Course I Managerial Economics	CO1131
II	Informatics and Cyber Laws	CO 1221
II	Financial Accounting	CO 1241
	Business Regulatory Framework	CO1242
II	Business Mathematics	CO1231
III	Entrepreneurship Development	CO1341
III	Advanced Financial Accounting	CO1342
III	Company Administration	CO1343
III	Financial Management	CO1361.1
III	e-Business	CO1331
IV	Indian Financial Markets	CO1441
IV	Banking and Insurance	CO1442
IV	Corporate Accounting	CO1443
IV	Project Finance	CO1461.1
IV	Business Statistics	CO1431
V	Fundamentals of Income Tax	CO1541
V	Cost Accounting	CO1542
V	Marketing management	CO1543
V	Principles of Management	CO 1551.2
V	Financial services in India	CO1561.1
VI	Auditing	CO1641
VI	Applied costing	CO1642
VI	Management Accounting	CO1643
VI	Strategic Management	CO1651.2
VI	Taxation laws and Accounts	CO1661.1

PROGRAMME OUTCOMES

- Students would gain a thorough grounding in the fundamentals of Commerce and Finance
- The commerce and finance focused curriculum offers a number of specializations and practical exposures which would equip the student to face the modern-day challenges in commerce and business.
- Build a strong foundation of knowledge in different areas of Commerce
- Expose students about entrepreneurship.
- Enable a student to be capable of making decisions at personal and professional level.

Semester	Course outcomes and Course Specific Outcomes
I	<ul style="list-style-type: none"> • Provide a holistic, comprehensive and integrated perspective to business education
I	<ul style="list-style-type: none"> • Give awareness about the need and importance if environmental protection
I	<ul style="list-style-type: none"> • Understanding of the different dimensions of the management processes
I	<ul style="list-style-type: none"> • Equip the students to apply the economic theories in different business situations
II	<ul style="list-style-type: none"> • Create an awareness about the cyber world and cyber regulations
II	<ul style="list-style-type: none"> • Make the students to prepare the accounts of specialized business enterprises
II	<ul style="list-style-type: none"> • Enable the students to apply the provisions of business laws in business activities.
II	<ul style="list-style-type: none"> • Enable the students to acquire knowledge in applying basic mathematical tools in business decisions
III	<ul style="list-style-type: none"> • Impart knowledge regarding starting of new ventures
III	<ul style="list-style-type: none"> • To equip the students with the preparation of accounts of various business areas
III	<ul style="list-style-type: none"> • Familiarize the students about the Indian Companies Act 2013
III	<ul style="list-style-type: none"> • Provide conceptual and analytical insights to make financial decisions 15skilfully
III	<ul style="list-style-type: none"> • To expose the students to E-business and its potentialities
IV	<ul style="list-style-type: none"> • Provide an in-depth knowledge on financial markets and its operations.
IV	<ul style="list-style-type: none"> • Provide understanding of Insurance Business

IV	<ul style="list-style-type: none"> • Enable the students to prepare and interpret financial statements of joint stock companies
IV	<ul style="list-style-type: none"> • Provide an overview of global project appraisal issues
IV	<ul style="list-style-type: none"> • Enable the students to apply statistical techniques in business
V	<ul style="list-style-type: none"> • To impart basic knowledge about the concepts and practices of Income Tax law in India
V	<ul style="list-style-type: none"> • Make the students learn cost accounting as a separate system of accounting.
V	<ul style="list-style-type: none"> • To provide an understanding of the contemporary marketing process in the emerging business scenario
V	<ul style="list-style-type: none"> • Provide Knowledge on the fundamentals of management principles and functions
V	<ul style="list-style-type: none"> • Familiarize the students with the structure and functioning of financial service sector in India.
VI	<ul style="list-style-type: none"> • Acquaint the students with the principles and practice of auditing
VI	<ul style="list-style-type: none"> • Develop the skill required for the application of the methods and techniques of costing in managerial decisions.
VI	<ul style="list-style-type: none"> • Develop professional competence and skill in applying accounting information for decision making
VI	<ul style="list-style-type: none"> • To give basic understanding about the concepts related to strategic management. Acquaint the students with the managerial tasks associated with implementing corporate strategy
VI	<ul style="list-style-type: none"> • To equip the students with the practical skill and knowledge of Income Tax and fundamentals of GST

7. FIRST DEGREE PROGRAMME IN BA ENGLISH & COMMUNICATIVE ENGLISH

COURSES OFFERED BY THE DEPARTMENT

3. BACE Degree – Core Course

SEMESTER	COURSE TITLE	COURSE CODE
I	READING POETRY	CG 1141
I	WRITINGS ON CONTEMPORARY ISSUES	CG 1121.3
I	BASICS OF COMMUNICATION	CG 1171
I	HISTORY OF ENGLISH LITERATURE	CG 1131
II	READING DRAMA	CG 1241
II	PHONETICS	CG 1271
II	HISTORY OF ENGLISH LITERATURE - II	CG 1231
III	INFORMATICS	CG 1321
III	READING FICTION	CG 1341
III	METHODOLOGY AND PERSPECTIVES OF HUMANITIES	CG 1342
III	HISTORY OF ENGLISH LITERATURE - III	CG 1331
III	COPY EDITING	CG 1371
IV	READING PROSE	CG 1441
IV	WORLD CLASSICS	CG 1442
IV	HISTORY OF ENGLISH LANGUAGE	CG 1431
IV	PRINT AND ONLINE WRITING	CG 1471
IV	THEATRE STUDIES	CG 1472
V	LITERARY CRITICISM	CG 1541
V	FILM STUDIES	CG 1542
V	INDIAN WRITING IN ENGLISH	CG 1543
V	CREATIVE WRITING:	CG 1551.1
V	THE LANGUAGE OF ADVERTISING	CG 1572
V	AUDIO VISUAL WRITING	CG 1573
VI	TRAVEL LITERATURE	CG 1641
VI	WOMEN'S WRITING	CG 1642
VI	20th CENTURY MALAYALAM LITERATURE IN ENGLISH TRANSLATION	CG 1643
VI	AMERICAN LITERATURE	CG 1661.1
VI	TECHNICAL ENGLISH	CG 1671
VI	BUSINESS COMMUNICATION IN ENGLISH	CG 1672

PROGRAMME OUTCOMES

- Prepare the students to seek and find employment in the corporate, media, English language teaching and content writing sectors
- Develops communicative competence in students
- Impart knowledge, ideas and concepts in the technicalities of proper pronunciation, structure, appropriate use and style of the English Language as well as the application areas of English communication
- Expose the students to the employment opportunities, challenges and job roles.
- Enable the students to conduct independent surveys, collect and analyze data, prepare and present reports and projects
- Guide the students to establish self-employment strategies

Semester	Course outcomes and Course Specific Outcomes
I	<ul style="list-style-type: none"> • Help them read, analyse and appreciate poetry. Enhance the level of literary and aesthetic experience and to help them respond creatively.
I	<ul style="list-style-type: none"> • Sensitize students to the major issues in the society and the world
I	<ul style="list-style-type: none"> • Provide the students with an ability to build and enrich their communication skills.
I	<ul style="list-style-type: none"> • Sensitize students to the language, forms and types of poetry
II	<ul style="list-style-type: none"> • Enable the students to read, analyse and appreciate drama
II	<ul style="list-style-type: none"> • Sensitize students to the nuances of spoken and written forms of English . Help them overcome specific problems resulting from mother tongue interference
II	<ul style="list-style-type: none"> • Discern the richness of twentieth century Malayalam writing
III	<ul style="list-style-type: none"> • equip students to utilize the digital knowledge resources effectively for their chosen fields of study
III	<ul style="list-style-type: none"> • Enable them to analyse and appreciate various fictional writings.
III	<ul style="list-style-type: none"> • Develop in them a critical perspective in pursuing literary studies
III	<ul style="list-style-type: none"> • Updates and expand the knowledge in the field of informatics
III	<ul style="list-style-type: none"> • Familiarize students with the concepts of copy- editing. Impart to them basic copy-editing skills. Help them find employment in the publishing field
IV	<ul style="list-style-type: none"> • Help students understand and appreciate different types of prose writing.
IV	<ul style="list-style-type: none"> • Introduce students to the world of the classics in literature.

IV	<ul style="list-style-type: none"> Familiarize students with the origin and development of the English Language
IV	<ul style="list-style-type: none"> Get an idea of on line writing
IV	<ul style="list-style-type: none"> Familiarize the students with fundamental theories on theatre
V	<ul style="list-style-type: none"> Give the students a historical overview of the critical practices from classical period to the present. Help them read and analyze literary texts from different perspectives.
v	<ul style="list-style-type: none"> Give the students basic knowledge in the history, art and culture of motion picture
V	<ul style="list-style-type: none"> Broaden and sharpen their aesthetic and analytical skills.
V	<ul style="list-style-type: none"> Make the students aware of the various aspects of Creative Writing. To expose and familiarise the students to representative English writers and their works
V	<ul style="list-style-type: none"> Provide the students with an ability to enrich their creative skills.
V	<ul style="list-style-type: none"> Make them aware of the different types of television programmes.
VI	<ul style="list-style-type: none"> Facilitate, promote and disseminate curiosity on travel writing which will lead to future research.
VI	<ul style="list-style-type: none"> Help them analyse and appreciate twentieth century Malayalam literature.
VI	<ul style="list-style-type: none"> Broadens their aesthetic and intellectual faculties
VI	<ul style="list-style-type: none"> Develops non-verbal and verbal skills in Technical English
VI	<ul style="list-style-type: none"> Develops non-verbal and verbal Business communication skills

1. MASTER OF COMMERCE (FINANCE) PROGRAMME OUTCOMES

- To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce.
- To enable a student well versed in national as well as international trends.
- To enable the students for conducting business, accounting and auditing practices, role of regulatory bodies in corporate and financial sectors nature of various financial instruments.
- To provide in-depth understanding of all core areas specifically Advanced Accounting, International Accounting, Management, Security Market Operations and Business Environment, Research Methodology and Tax planning.

SEMESTER	COURSE	COURSE CODE	POs, PCOs and COs
I	Business Ethics and Corporate Governance	CO211	Provide a understanding on Corporate Governance practices and the provisions of the Companies Act relating to corporate governance
I	Legal Framework for Business	CO212	Enable student acquire updated knowledge and develop understanding of the regulatory framework for business
I	Research Methodology	CO213	Understand the need, significance and relevance of research and research design.
I	Planning and Development Administration	CO214	Make the students aware about new planning initiatives in India
II	E-Business and Cyber Laws	CO221	Familiarise with the students cyber world and cyber regulations
II	Quantitative Techniques and Financial Econometrics	CO223	Impart expert knowledge in the application of Quantitative Techniques and Business Econometrics in research.
II	International Business	CO224	Introduce the concept of international business and to create awareness on the changes in the international business arena

II	Investment Management	CO225	Provide a general understanding about investment avenues and personal finance.
III	Income tax Planning and Management	CO231U	Develop application and analytical skill of the provisions of Income Tax Law for Income Tax planning and Management.
III	Security Analysis and Portfolio Management	CO232F	Equip the students to value the real worth of securities.
III	International Financial Management	CO233F	Convey an understanding about foreign exchange risk management
III	Strategic Cost and Management Accounting	CO234F	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.
IV	Goods and Service tax & Customs Duty- Law and Practice	CO241W	Impart skill in applying and analysing the provisions of Goods and Service Tax Act and Customs Act in handling practical situations.
IV	Risk Management and Derivatives	CO242F	Give a broader awareness on derivatives and its applications
IV	Management Optimization Techniques	CO244S	Provide an insight into optimal project implementation Techniques under deterministic and probabilistic conditions.

MSc in BOTANY
PROGRAMME OUTCOME

The courses have been designed to benefit all Botany students to study various aspects of plant science including its practical applications. Keeping in mind that these students can take up teaching at different levels, research work in research institutes and or industry, doctoral work, environment impact assessment, biodiversity studies, entrepreneurship, scientific writing relevant topics have been included in the curriculum.

SEMESTER	COURSE	COURSE CODE	POs, PCOs and COs
I	PHYCOLOGY, MYCOLOGY & PLANT PATHOLOGY	BO 211	Get the knowledge on various plant diseases caused by different types of pathogens
I	BRYOPHYTA, PTERIDOPHYTA AND GYMNOSPERMS	BO 212	Impart basic knowledge about geographical distribution , classification ,structure ,life history and phylogeny of Bryophytes, Pteridophytes and gymnosperms.
I	. HISTOLOGY, REPRODUCTIVE BIOLOGY, MICROTECHNIQUE AND HISTOCHEMISTRY	BO 213	Get practical experience in microtechnique and histochemistry
II	TAXONOMY OF ANGIOSPERMS, ECONOMIC BOTANY, ETHNOBOTANY AND EVOLUTION	BO 221	Familiarize the students the habitats ,classification, structure ,life cycle and evolutionary trends of Algae and Fungi
II	ENVIRONMENTAL BIOLOGY, FOREST BOTANY, PHYTOGEOGRAPHY AND CONSERVATION BIOLOGY	BO222	Create an awareness about the significance of genetic resources and its conservation

II	CELL BIOLOGY, GENETICS AND EVOLUTION	BO223	Impart knowledge on molecular genetics and protein synthesis Understand mechanism of evolution
III	PLANT BREEDING, HORTICULTURE AND BIOSTATISTICS	BO 231	Provide basic knowledge in plant breeding, biostatistics and horticulture
III	BIOCHEMISTRY, PLANT PHYSIOLOGY AND RESEARCH METHODOLOGY	BO 232.	Understand the biochemistry of plant developments
III	MOLECULAR BIOLOGY, IMMUNOLOGY AND PLANT BIOTECHNOLOGY	BO 233	Get an overview on Molecular Biology and Immunology
IV	BIOINFORMATICS AND BIOPHYSICS	BO 241	Provide the knowledge on Bioinformatics and its applications
IV	BIOTECHNOLOGY	BO242a	Make awareness about the fundamentals of Biotechnology

MA HISTORY
PROGRAMME OUTCOMES

Upon successful completion of the **programme** the post-graduate would demonstrate: An ability to understand how **history** reflects the socio-economic and political undercurrents of times. An ability to understand various concepts, thoughts, movements and shifts of power that shaped the historiography.

SEMESTER	COURSE	COURSE CODE	PCOs AND COs
I	Historical Method -I	HY 211	The paper seeks to provide students with a clear cut scientific method of research, i.e., the basic tools and techniques of research as distinguished from methodology- the science of constructing knowledge
I	Indian History -I	HY 212	Get an idea of history of India
I	Kerala History -I	HY 213	Get an idea of Kerala history and Social Formations in Early Kerala
I	Bronze Age Civilizations(Elective)	HY 214A	Archaeology-concepts-methods-Radiocarbon and Thermo luminescent dating techniques
II	Historical Method -II	HY 221	Determining veracity of Sources-External Criticism – Internal Criticism-Synthesis and Exposition
II	Indian History -II	HY 222	Indian feudalism
II	Kerala History -II	HY 223	Growth and expansion of Venad into Travancore- Marthanda Varma and Dharmaraja-Relation with the English-Reforms
II	History of Medieval Europe (Elective)	HY 224	Fifth Century Europe
III	Issues in Historiography	HY 231	Accumulate knowledge about the myriad perspectives of the past that emerge in the course of the evolution of knowledge relevant to the doing of history
III	Indian History -III	HY 232	Colonialism And Struggle For Independence
III	Kerala History -III	HY 233	Consolidation of Colonial Power in Kerala:
III	Modern Revolutions-	HY 234	English revolution of the 17th

	English, American and French (Elective)		Century-emergence of the Mercantile class in England- Decline of Feudalism Bill of Rights-Constitutional Monarchy
IV	Indian Historiography	HY 241	
IV	Indian History –IV	HY 242	Post Independent Era
IV	Indian History –IV	HY 242	Contemporary Period
IV	HY 244 Twentieth Century Revolutions (Electives)		The Russian Revolution and causes-The Czarist regime- Triumph of Bolshevism- Soviet constitution New Economic Policy-Significance of the Revolution