



**RELEVANCE  
AND NEEDS  
FULFILLED**



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# UG

## 1. B.Sc. Computer Science

PSO(Number)	Description	Need Addressed
PSO1	To introduce new concepts and gain knowledge in wide areas of concepts in computer science	Global
PSO2	Acquire extensive knowledge leading to permutation and research to accomplish global interest.	Global
PSO3	Provide the students with critical thinking and problem-solving capabilities	Global
PSO4	Apply mathematical methodologies to compute real world problems using proper algorithms	Global
PSO5	Exhibit logical and design proficiency of actual data that gives rise to creative results.	Global

## 2. B.Voc IT

PSO(Number)	Description	Need Addressed
<b>PS01</b>	To familiarise DataBase Management Systems, with an emphasis on how to organise, maintain and retrieve information from a DBMS efficiently and effectively.	Developmental
<b>PS02</b>	To develop adequate skills in computer programming and get trained in implementation of various applications using 'Python', 'C', and 'R'.	Developmental
<b>PS03</b>	To provide students with knowledge and skills in data science, statistics for data-intensive problem solving and use data visualisation tools like Tableau, Power BI, Qlikview that enable users to connect to a wide variety of data sources and create reports and dashboards.	Developmental
<b>PS04</b>	To learn the working of Raspberry Pi, its features, networking, how various components can be used with Pi and to construct IoT systems and use cloud services for processing and storage of the Big data produced by the IoT devices.	Developmental
<b>PS05</b>	· To enable the students to design and implement user interfaces and layouts of Android applications and to understand the process of configuring, booting and testing the Embedded Linux distributions and applications running on Embedded Linux target systems.	Developmental
<b>PS06</b>	To be able to utilise contemporary computing technologies such as machine learning, AI, parallel and distributed computing and to solve practical problems characterised by big data.	Developmental

### 3. B.Sc. Hotel Management & Catering Science

PSO(Number)	Description	Need Addressed
PS0 1	Appraise and compile the basic & management skills for the functional areas of the hotel industry.	Global,Regional, Local level
PS0 2	Assess knowledge on various topics such as marketing, finance, business, facility planning, event management and human resource management.	Global,Regional, Local level
PS0 3	Expand communicative skills and soft skills which will help the learners in developing overall personality	Global,Regional, Local level
PS0 4	Analyse the diversity and ethical considerations relevant to the hospitality industry.through nutrition hygiene&sanitation , hotel Law & tourism	Global,Regional, Local level
PS0 5	Compose knowledge and skills gained through experiential learning, Industry Immersion and apply research techniques based on industry Requirements.	Global,Regional, Local level

## 5. B.Sc. Food Technology

PSO(Number)	Description	Need Addressed
<b>PSO 1</b>	Identify the area of their interest in academics & Research & Development.	National
<b>PSO 2</b>	Continue advanced study in various fields like cereals,dairy,alcohol,sugar,bakery & confectionary,fruits & vegetables,oil seeds processing,meat & fish.	Global
<b>PSO 3</b>	Understanding Concept such as the composition of food,developing candidates an understanding of foods,nutrtrional,physicochemical & microbial properties.	National
<b>PSO 4</b>	Provide students an advanced insight to different techniques related to food preservation & food processing & also to teach students concept such as importance of food quality,plant sanitation,food law & regulation & packaging in food industry.	National
<b>PSO 5</b>	Begin an employment in various fields like science,education,hotels,hospitals,food industries,laboratories,quality testing organizations,entrepreneur & Research.	Global

## 6. B. A. Economics

PSO(Number)	Description	Need Addressed
PSO1	Develop the basic concepts of economics	Global developmental needs
PSO2	Formulate economic behaviour in practice and develop entrepreneurial skills	Global developmental needs
PSO3	Compose philosophical and economic way of thinking and visualize the real-world situation.	Global developmental needs
PSO4	Devise historical and current events in an economic perspective.	Global developmental needs
PSO5	Construct some basic mathematical and statistical methods to be applied in economics	Global developmental needs
PSO6	Create research knowledge in economics	Global developmental needs

## 7. B. A. English & History

PSO(Number)	Description	Need Addressed
<b>PSO1</b>	To retrieve the relations among culture, history and texts.	Global Developmental Needs
<b>PSO2</b>	To assess the communication skills of the students and impart effective oral and written communication skills to the students.	Global Developmental Needs
<b>PSO3</b>	To demonstrative the capacity to argue in innovative direction.	Global Developmental Needs
<b>PSO4</b>	Develop a general awareness about the History and National movements in India and thereby inculcate the spirit of nationalism and patriotism in the students.	National Developmental Needs
<b>PSO5</b>	Holistic Education:To integrate leadership skills and social responsibility and thereby to empower the students to become better citizens.	Global Developmental Needs

## 8. B. A. Malayalam

PSO(Number)	Description	Need Addressed
PS01	To appreciate and understand the historical, cultural and intellectual spheres of Malayalam Literature.	National
PS02	To create a critical awareness of the cultural history of the Malayalam language and the state of Kerala	National
PS03	To create content, edit and write in various platforms including new media using the Malayalam language	Regional
PS04	To gain practical experience in research methodology on language and cultural studies	Global

## 9. B. Sc. Psychology

PSO(Number)	Description	Need Addressed
<b>PS01</b>	Determine the major concepts, theoretical perspectives and fields in psychology	Global
<b>PS02</b>	Examine the psychological processes behind behaviour and to develop critical thinking ability in students	Global
<b>PS03</b>	Design a critical understanding of psychology and apply psychological principles to personal, social and organizational matters	Global
<b>PS04</b>	Apply research methods in psychology including various types of experiments, research design, analysis and interpretation	Global
<b>PS05</b>	Develop scientific temper in psychological fields thus can prove to be more beneficial to the society and can-do research for the welfare of mankind	Global

## 10. B. A. English Literature

PSO(Number)	Description	Need Addressed
<b>PSO1</b>	Familiarise with the conventions of diverse textual genres including fiction, nonfiction, poetry, autobiography, biography, Journal, film, plays, editorials, etc. and to develop the ability to appreciate ideas and think critically	Global Development needs
<b>PSO 2</b>	Expand their communicative skills and soft skills and it will help them for developing their overall personality	Global Development needs
<b>PSO 3</b>	Awareness of excellent pieces of different genres of literature in English so that they realize the beauty and communicative power of English and they will develop an interest in reading literary pieces	Global Development needs
<b>PSO 4</b>	Categorize the basics of the phonology of English so that they can pronounce better, and speak English correctly than the students of other disciplines	Global Development needs
<b>PSO 5</b>	Gain perceptive insights into the socio-political dynamics, the structuring points of view, the dominant ideology, hegemony, the prevailing common sense and communal underpinnings that mediate the writing, production, reception, and survival of a work	Global Development needs

## 11. B. Sc. Physics

PSO(Number)	Description	Need Addressed
PSO1	Examine the depth of knowledge in different topics of Physics.	Global
PSO2	Demonstrate skills and competencies to conduct wide range of scientific experiments.	Global
PSO3	Develop the basics of computer programming and numerical analysis	Global
PSO4	Analyze the area of their interest in academics and in research and development.	Global
PSO5	Continue advanced study or begin employment in various fields with precision, analytical mind, innovative thinking, clarity of thought and expression and systematic approach.	Global

## 12. B. A. Functional English

PSO(Number)	Description	Need Addressed
<b>PS01</b>	Learners enhance English language skills through clear expression and adaptation aligned with professional standards	Global developmental needs
<b>PS02</b>	Critique social and literary contexts using theoretical frameworks	Global developmental needs
<b>PS03</b>	Apply theoretical formulations to create original literary pieces and develop multilingual competence to translate literary works	Global developmental needs
<b>PS04</b>	Develop media proficiency by acquiring technological and functional knowledge of media writing and advertising strategies	Global developmental needs
<b>PS05</b>	Develop skills to critically appreciate literary genres and films using theoretical frameworks	Global developmental needs

## 13. B. Com. Professional

PSO(Number)	Description	Need Addressed
PSO1	Summarize the basic concepts of commerce, management, accounting and economics.	National
PSO2	Apply the knowledge of commerce in business, service sector, marketing, finance, entrepreneurship development etc.	National
PSO3	Develop analytical capabilities, decision making abilities that are important in day - to- day business operations.	Global
PSO4	Make plans about higher education and make research in the field of finance and commerce	National

## 14. B. B. A.

PSO(Number)	Description	Need Addressed
PSO1	Acquire an in-depth knowledge in Management subjects, corporate etc.	Global
PSO2	Develop various skills like Leadership skill, communication skill, presentation skill, interaction skill, etc.	Global
PSO3	Meet the demands of the employment market	Global
PSO4	Develop their skills and competencies to transform themselves into an entrepreneur/ leader	Global
PSO5	Pursue professional courses/ higher studies like MBA, CMA etc.	National
PSO6	Meet the eligibility requirement for placement in IT companies, banks, manufacturing firms	Global

## 15. Social Work

PSO(Number)	Description	Need Addressed
PSO1	Apply knowledge on theories, methods, practice models and knowledge on interdisciplinary domains for social work interventions with individuals, groups and community	Global developmental
PSO2	Apply professional values, ethics and practice skills in all the levels of social work intervention.	Global developmental
PSO3	Demonstrate constructive critical thinking skills and ethical decision making in problem solving process	Global developmental
PSO4	Analyze and evaluate different situations of human rights violations and advocate at micro, mezzo and macro levels of social work practice.	Global developmental
PSO5	Develop research-based competency in direct practice context	Global developmental

## 16. B. Com.

PSO(Number)	Description	Need Addressed
PS01	Conceive the ideas on entrepreneurship and develop the skills for setting up and management of business organizations.	Global
PS02	Develop the skills and abilities to become competent and competitive in the business world.	Global
PS03	Develop the competency to take wise decisions at personal and professional level.	Global
PS04	Make the students capable of managing the office activities with the help of information technology	Global
PS05	Acquire necessary skills to manage various positions in the corporate sector and in the field of education.	Global

## 17. B.Sc. Zoology

PSO(Number)	Description	Need Addressed
PSO1	Analyze the biological diversity and grades of complexity of various animal forms through their systematic classification and process of organic evolution.	Regional
PSO2	Examine the roles of plants, animals and microbes in the sustainability of the environment and their interaction among themselves and deterioration of the environment due to anthropogenic activities.	Local, Regional
PSO3	Interpret the concepts and basic principles of biochemistry, immunology, physiology, developmental biology, behavioural sciences, cell biology, genetics, molecular biology and microbiology and to apply the technical skills in biotechnology, bioinformatics and biostatistics.	Global
PSO4	To use standard laboratory protocols in the areas of animal diversity, evolution, zoogeography, biochemistry, immunology, physiology, embryology, ethology, genetics, cytology, molecular biology, microbiology and biotechnology.	Global

## 18. B.Sc. Chemistry

PSO(Number)	Description	Need Addressed
<b>PSO1</b>	To lay a strong foundation in the fundamentals and application of current chemical and scientific theories.	Global
<b>PSO2</b>	Develops analytical skills and problem-solving skills requiring application of chemical principles.	Global
<b>PSO3</b>	To enable the students to understand the importance of chemistry for addressing social, economic, and environmental problems.	Global
<b>PSO4</b>	Learns about the potential uses of analytical chemistry, medicinal chemistry, and green chemistry.	Global
<b>PSO5</b>	To apply appropriate techniques for the qualitative and quantitative analysis of chemicals in laboratories and in industries for developing green chemistry approach towards planning and execution of research in frontier areas of chemical sciences.	Global



## 19. M.Sc. Botany

PSO(Number)	Description	Need Addressed
PS01	Understand the diversity, classification, life cycle, origin and evolution of lower to higher plants and their ecological and economic importance. Identify plants and conserve biodiversity.	Global
PS02	Appraise the methodologies, techniques and recent advances in Botany and allied branches and their entrepreneurship.	National
PS03	Analyze and evaluate experimental data using biological and statistical tools and document the findings.	National
PS04	Explain concept and skills with multidisciplinary dimensions and get motivated for knowledge creation.	National
PS05	Acquire knowledge for development of problem-solving, research and to pursue continuous learning, Precise and disseminate scientific ideas and research findings.	National
PS06	Create eco-friendly awareness among people and design towards sustainable development of the nation and world at large.	Global

## 20. M.Sc. Chemistry

PSO(Number)	Description	Need Addressed
<b>PS01</b>	Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry and apply them to advanced studies.	<b>Global</b>
<b>PS02</b>	Employ critical thinking and the scientific knowledge to design, carry out, record and analyse the results of chemical reactions.	Global
<b>PS03</b>	Create an awareness of the impact of chemistry on the environment, society, and development outside the scientific community.	Global
<b>PS04</b>	To inculcate the scientific temperament in the students and outside the scientific community.	Global
<b>PS05</b>	To apply appropriate techniques for the qualitative and quantitative analysis of chemicals in laboratories and in industries.	Global

## 21.M.Sc. Physics SF

PSO(Number)	Description	Need Addressed
PS01	Acquire theoretical, mathematical, and computational knowledge in Physics.	Global
PS02	Apply theoretical knowledge of principles and concepts of Physics to practical problems	Global
PS03	Apply conceptual understanding and critical thinking of the Physics to general real-world situations.	Global
PS04	Gain research experience within some specific field of Physics through original scientific project works and develop skills to communicate Physics knowledge	Global
PS05	Develop an understanding of the use of Physics for the benefit of the society.	Global

## 22. M.Sc. Statistics

PSO(Number)	Description	Need Addressed
<b>PS01</b>	Build a foundation on approaches to theoretical probability and understand various distribution and their interrelations.	Global
<b>PS02</b>	Acquaint different sampling schemes used to study population features and equip to do inferential statistical analysis both in univariate and multivariate data sets.	Global
<b>PS03</b>	Introduce the concept of various Stochastic processes as well as understand their applications.	Global
<b>PS04</b>	Develop various design models applicable in real life contexts and tools to do their experimental analysis.	Global
<b>PS05</b>	Acquire practice to do application of software based analytical and computational techniques (R programming, Python) applicable to study industrial data sets and machine learning algorithms.	Global

## 23. M.Com.

PSO(Number)	Description	Need Addressed
PS01	Develop an in-depth knowledge of commerce subjects.	Global
PS02	Identify their area of interest in academics, research and development	National
PS03	Assume employment in the fields of teaching, accounting, banking, public service, etc.	Regional
PS04	Develop various skills like communication skill, presentation skill, interaction skill, etc.	National
PS05	Formulate opinion on various economic policies like taxation policy, budgets, monetary policy, fiscal policy, export- import policy, foreign trade policy, etc.	Global
PS06	Acquaint with various statistical techniques that can be effectively used in the areas of research.	Global

## 24. M.Sc. Zoology

PSO(Number)	Description	Need Addressed
<b>PS01</b>	Explain the latest findings in the fields of biophysics, animal behaviour, ecology, bioinstrumentation, physiology, molecular biology, biotechnology, immunology, cell biology, biochemistry, cytogenetics and, Evolution, developmental biology.	Global
<b>PS02</b>	Analyse the issues related to environment, resource conservation and sustainable development.	Global
<b>PS03</b>	Use of fishery sciences including capture and culture fishery sectors and processing of finfishes and shellfishes along with preparation of value-added fishery products.	Global
<b>PS04</b>	Perform laboratory experiments on all the aforesaid topics and microtomy, based on standard protocols, making the students rather excellent in all fields of zoological studies including fishery sciences.	Global
<b>PS05</b>	Perform dissertation and construct taxonomic keys, making every post graduate student exclusively confident in taking up research studies and publication of the results of the work, to enlighten the scientific community, in future.	Global

## 25. M.A. History

PSO(Number)	Description	Need Addressed
<b>PS01</b>	Analyze the influence of global forces and identify their connections to local and national developments.	Global
<b>PS02</b>	Examine the historical construction of differences and similarities among groups and regions.	Regional
<b>PS03</b>	Integrate new knowledge, develop analytical and research skills	Global
<b>PS04</b>	Examine a fuller sense of historicity of nationmaking.	National
<b>PS05</b>	Appraise the multiple spatial and temporal contexts of history	Global
<b>PS06</b>	Debate the process of identity formation, exclusions, boundaries and different forms of solidarity.	Global

## 26. B.Lib.I.Sc.

PSO(Number)	Description	Need Addressed
<b>PSO 1</b>	Demonstrate in-depth knowledge of the basic concepts, principles, theories, and laws related to the broad field of Library and Information Science and its sub-fields.	Global level, Regional and Local
<b>PSO 2</b>	Demonstrate understanding of rationality and procedures of book selection, acquisition, technical processing, and administration and management of Libraries and Information Centres.	Global level, Regional and Local
<b>PSO 3</b>	Apply skills in carrying out professional activities such as classification, cataloguing, and housekeeping operations using library management software and Information and Communication Technologies.	Global level, Regional and Local
<b>PSO 4</b>	Demonstrate skills in providing various library services such as document circulation, reference and information services, Internet and database searching.	Global level, Regional and Local
<b>PSO 5</b>	Demonstrate knowledge, understanding, and skills that offer job opportunities as Library professionals/librarians in public libraries, school libraries; college libraries, university libraries, other higher education institutes, industrial libraries of research institutes, etc.	Global level, Regional and Local
<b>PSO 6</b>	Demonstrate core values by honoring diversity and ensuring inclusion by treating all students and colleagues with respect and dignity, showing respect for and sensitivity to gender, culture and religious differences; challenging prejudice, biases, and intolerance at the workplace.	Global level, Regional and Local