

POST GRADUATE PROGRAMME SPECIFIC OUTCOMES (PSO'S)

MA ENGLISH LANGUAGE AND LITERATURE

PSO1	This course is designed to help the students develop literary sensibility, critical thinking, and an acute and penetrating understanding of literary history, literary criticism and a wide range of literary texts in British poetry, fiction and drama. In their second year, the students are provided with two options each in Paper III and Paper IV. Out of these they elect to study one option of their own choice each in Paper III and IV. Each option provides them with the expertise of the chosen subject. It enables them to further narrow down their areas of specialization for M.Phil./Ph.D. and streamline their career options. It also prepares them for qualifying the National Eligibility Test (NET) for Assistant Professorship and JRF.
PSO2	To provide a deep perspective into select literary works across the globe, original or in translation.
PSO3	To help them have mastery over the nuances of theoretical discourses, language and literature in English.
PSO4	Making the students fit for competing successfully in their search for career all over the world.

MA MALAYALAM

PSO1	To Understand new trends in Malayalam Language
PSO2	To introduce new methodologies of Malayalam Language
PSO3	To Inculcate research attitude and creativity

MA ECONOMICS

PSO1	Enable the students to realize the significance of economics in application to individual decision makers, both consumers and firms
PSO2	To enhance the student's capability of critical assessment, analytical skill and expertise in evaluating the recent national and global economic issues
PSO3	Enhance their preparation for competitive examinations for the post of Class I job positions in Central Government and State Government

PSO4	To seek employment in Managerial positions in private and public sector
PSO5	To enable the students to undertake an empirical research work on various economic issues
MA POLITICAL SCIENCE	
PSO1	Demonstrate knowledge and understanding of the key theories and concepts of Political Science, and insights into the theoretical advances in the discipline.
PSO2	Demonstrate the ability to evaluate theories in the light of empirical evidence or normative propositions.
PSO3	Apply appropriate theories to understand and analyse social and political phenomena.
PSO4	Demonstrate an understanding of the philosophical underpinnings of political systems, processes and movements at the local, national and international levels.
PSO5	Evince the ability to think critically about political institutions, processes and issues relating to politics at the local, national and international levels.
PSO6	Demonstrate the intellectual ability and skills to carry out independent research.
PSO7	Achieve and demonstrate the ability to communicate their ideas effectively using the appropriate language of the discipline.
PSO8	Apply critical thinking, communication and analytical skills to address significant issues of concern in society.
PSO9	Recognize issues of social justice in their local and global contexts and demonstrate knowledge and understanding of their rights and obligations as members of society.
MA HINDI	
PSO1	To develop students competence with reference to Hindi language and literature.
PSO2	To give a linguistic and functional orientation to the study of Hindi language and literature.
PSO3	To provide detailed and thorough knowledge of the trend's movements and literary forms of ancient and modern Hindi literature.
PSO4	To develop a comparative outlook towards Indian literature.

PSO5	To familiarize the students with living forms of Hindi language.
PSO6	To provide a comprehensive knowledge of the new literary forms
MA HISTORY	
PSO1	To help students further develop their critical thinking, independent researching and writing skills in an effort to gain knowledge and advance their carriers across a variety of disciplines.
PSO2	To provide students with knowledge of different schools of historical writing and also to develop research interests in students.
PSO3	To equip the students to understand gender, caste, concept of human rights, relevance of environmental studies.
PSO4	To help the student to have a systematic understanding about accumulation of historical knowledge
PSO5	To develop a historical sense among students about our culture and tradition.
PSO6	To widen the scope of social sciences through interdisciplinary approach.
PSO7	Enlarge the outlook of students about the ethnicity and racial differences of our community
PSO8	To inculcate a historic inquisitiveness in relation to our rich cultural past.
PSO9	To develop the abilities to distinguish between primary and secondary sources in the collection and analysis of data.
PSO10	To ensure the quality to distinguish and evaluate the available evidences properly.
MSC MATHEMATICS	
PSO1	To improve the perspective of students on Mathematics as per modern requirement.
PSO2	Enhance the logical, analytical and problem-solving skills of students.
PSO3	Orient students towards relating Mathematics to applications.
PSO4	Help the student build interest and confidence in learning the subject.

PSO5	Encourage students for pursuing higher studies and developing Research Aptitude.
PSO6	Acquiring continuous learning skills.
PSO7	Motivate the students to uphold scientific integrity and objectivity in professional endeavours
PSO8	Paves the way to seek and understand the world around them.
MSC PHYSICS	
PSO1	Define and explain fundamental ideas and mathematical formalism of theoretical and applied physics.
PSO2	Identify, classify and extrapolate the physical concepts and related mathematical methods to formulate and solve real physical problems.
PSO3	Identify and solve interdisciplinary problems that require simultaneous implementation of concepts from different branches of physics and other related areas.
PSO4	To define a research problem, translate ideas into working models, interpret the data collected draw the conclusions and report scientific data in the form of dissertation.
PSO5	To disseminate scientific knowledge and scientific temper in the society to contribute towards greater human cause.
MSC CHEMISTRY	
PSO1	The students should be able to identify the structure and bonding of selected transition metal complexes, interpret their electronic spectrum and explain various electronic transitions.
PSO2	To understand the basic concepts of analytic chemistry, interpret TG, DTA and DSC curves, know the basic instrumentation and working principles,
PSO3	To understand the basic concept of symmetry, hybridisation and point groups
PSO4	To learn the structure and properties of various halogen and interhalogen compounds and their applications

PSO5	To learn the chemical processes occurring in the various environmental segments, effect of certain pollutants to air, water and soil
MSC ANALYTICAL CHEMISTRY	
PSO1	Develop a better understanding of the current chemical principles, methods and theories with the ability to critically analyze at an advanced level.
PSO2	Acquire solid knowledge of classical and modern experimental techniques and interpretation of results; thereby acquire the ability to plan and carry out independent projects.
PSO3	Develop the qualities of time management and organization, planning and executing experiments.
PSO4	Have a good level of awareness of the problems associated with health, safety and environment.
PSO5	Understand how chemistry relates to the real world and be able to communicate their understanding of chemical principles to a lay audience and as well apply the knowledge when situation warrants.
MSC BOTANY	
PSO1	Student can identify and classify all plant groups from algae to angiosperms, also understand the evolutionary relationship and their taxonomic aspects.
PSO2	Knows the concept, process, physiology, and molecular basis of plant development. Also knows the methods of cultivation & economic importance of various species, millets, leguminous plants, fruits, essential oils, vegetables etc.
PSO3	Students know about economically important algae, their cultivation and applications and also, methods of preparation and application of algal products.
PSO4	Understand the application of Biopesticides; know about sources, methods and production of biofuel.
PSO5	Acquired knowledge of fermentation technology and production of fermented products
PSO6	In seed technology student gain knowledge about seed structure development, chemical composition, seed production, processing, seed testing, quality control, seed certification and new hybrid variety
PSO7	Students learn the basic biostatistics, experimental statistics and bioinformatics

PSO8	Students understood plant organism interaction
PSO9	To inculcates the scientific temperament in the students and outside the scientific community
MSC BIOTECHNOLOGY	
PSO1	To provide a platform for education of global standards in Biotechnology and Bioinformatics using advanced methods and techniques
PSO2	To carry out discovery-oriented research of international standards towards biotech product development.
PSO3	To establish academic and research collaborations with the industries and Health care institutions at both National and International levels.
PSO4	To produce bio-entrepreneurs and human resources for biotech industries.
MSC ZOOLOGY	
PSO1	Provide an in-depth knowledge in Zoology, which enables the students to develop a research aptitude in Zoology
PSO2	Students can work in the pure, interdisciplinary and multidisciplinary areas of biological sciences and its applications
PSO3	Students develop the potential to identify the taxonomic positions of various species in the Animal Kingdom
PSO4	Interdisciplinary areas such as Clinical Biochemistry, Medical Microbiology and Biotechnology will enhance the understanding of students on human health
PSO5	Multidisciplinary areas such as Biophysics and Instrumentation enable the students to develop concepts regarding the principles behind the working of various sophisticated instruments being used in the analytical research
PSO6	Studies on Biostatistics and Computer Application familiarize the students with the computer aided statistical techniques used in the fields of research
PSO7	Studies on Ecology and Biodiversity Conservation help the students to inculcate an urge for the conservation of nature and to adopt conservation strategies for future generations
PSO8	Studies on Computer Application and Research Methodology enable the students to present scientific and technical information resulting from laboratory experimentation in both written and oral formats

PSO9	This program prepares the students for advanced scientific research and careers in the arena of biological sciences thereby adding to the knowledge repository and developing human resource for the sustainable development of country and nations worldwide.
M.COM	
PSO1	Demonstrate knowledge of key concepts and theories underlying qualitative decision making
PSO2	Compare International markets and environment through the lens of commerce discipline
PSO3	Apply critical and analytical skills and methods to the identification, evaluation and resolution of complex problems
PSO4	Inculcate a global mindset of entrepreneurship and managerial skills.