



**PROGRAMME SPECIFIC OUTCOMES (PO)
POST GRADUATE PROGRAMMES**

M.Sc. Family and Community Science

Program Specific Outcome	Programme Specific Outcomes (PSO)
PSO1	Comprehend the fundamental concepts in Environment and Human Resource Management, Housing and Interior Space Design.
PSO2	Acquire skills in diet formulation, food service, entrepreneurship, research methods and statistics.
PSO3	Apply the skill based knowledge of Early Childhood Education, Developmental Assessment, Developmental Psychology and Counselling in real time situations.
PSO4	Gain proficiency in fashion designing, garment production, fashion marketing and textile testing.
PSO5	Develop competency in public health nutrition and food safety.
PSO6	Develop practical knowledge and problem solving skills in the different aspects of Family and Community Science.



M.Sc. Zoology

PSO	Programme Specific Outcomes (PSO)
PSO1	Understand the recent developments in the principles and practices of systematics and taxonomy, phylogeny of invertebrates and vertebrates.
PSO2	Analyze the advanced concepts in cell biology, biochemistry, developmental biology, genetics, evolution, microbiology, immunology, research methodology, statistics and physiology.
PSO3	Apply the advanced tools and techniques related to various branches of science and their potential applications in Animal Biology.
PSO4	Comprehend the key concepts of biology at physiological, biochemical, molecular and cellular level, and ecological impact on animal behaviour.
PSO5	Evaluate the functional aspects of ecosystem thereby enabling the learner to understand threats to biodiversity and importance of conserving natural resources
PSO6	Apply the knowledge of Biology, Diversity, Morphology, Anatomy and Physiology and its application in agricultural pest management and livestock management.
PSO7	Develop experimental and problem solving skills in the field of cell biology, biochemistry, developmental biology, genetics, evolution, microbiology, biotechnology, immunology, research methodology, biostatistics and physiology



M.Sc. Chemistry

PSO	Programme Specific Outcomes (PSO)
PSO1	Identify the basic concepts in Organic, Inorganic and Physical Chemistry.
PSO2	Describe the principles of Stereochemistry, Quantum Mechanics, Spectroscopy and Solid-State Chemistry.
PSO3	Appraise the concepts of Statistical Thermodynamics, Coordination Compounds, Reaction Intermediates and Mechanisms.
PSO4	Develop problem solving skills in different Spectroscopic methods and Computational Chemistry.
PSO5	Apply concepts in the emerging areas of Chemistry in various spheres of Chemical Sciences.
PSO6	Acquire scientific skills in proper handling of apparatus and chemicals and prepare accurate stock solutions.
PSO7	Develop basic principles of research and construct a scientific report.



M.Sc. Physics

PSO	Programme Specific Outcomes (PSO)
PSO1	Understand the theoretical aspects in Classical Mechanics, Quantum Mechanics, Statistical Mechanics, and Thermodynamics.
PSO2	Perceive the basic concepts of Applied Physics such as Nuclear Physics, Condensed Matter Physics and Electronics.
PSO3	Gain hands-on experience in various Optical and Electronics experiments.
PSO4	Learn different numerical techniques in Computational Physics and develop skills in coding and executing different programming languages.
PSO5	Understand the concept of microprocessors and microcontrollers and develop practical skills in microprocessor programming.
PSO6	Describe Digital Signal Processing and various instrumentation in Applied Physics.
PSO7	Analyze the basic concept of Non-linear Dynamics.



M.A. Business Economics

PSO	Programme Specific Outcomes (PSO)
PSO1	Apply the knowledge of contemporary social, political and economic issues in identifying and solving economic problems.
PSO2	Acquire the ability to use powerful mathematical and statistical tools in the field of Economics.
PSO3	Comprehend the management concepts and organisational behaviour for the effective utilization of human resources.
PSO4	Adapt to face any challenges in the field of finance and management sectors.
PSO5	Understand the concepts of modern Economics along with management education as an academic discipline.
PSO6	Create essential business skills to meet the needs of decision makers and advisors in the business.