

## M.Sc., ELECTRONICS

Academic Year from 2023 to 2024)

Program Outcomes (POs)	
On successful completion of the M. Sc. Electronics and Communication program	
PO1	Understand and apply the Electro Magnetic theory, communication, advanced microprocessor, VLSI Design, Medical Electronics and image Processing concepts of Electronics and Communication.
PO2	Identify, analyze and solve the Electronics and medical Instrumentation problem the imported tools.
PO3	Understand, analyze and apply Embedded Systems, LabVIEW, VLSI Design, Automation concepts in various industrial applications.
PO4	Understanding and executing of Electronics and Instrumentation principles and to apply these to one's own work as a member / leader in a team to manage Electronics / Instrumentation / Mobile communication and Robotics Automation projects.
PO5	Self and life-long learning, keeping pace with advanced technological challenges in the broadest sense.
PO6	Ability to analyze complex problems in Communication domain and recommend right solutions with acquired mastery technical knowledge in Electronics and Instrumentation.
PO7	Applying the knowledge to acquired research methods including design of experiments, analysis and interpretation of data and synthesis of information and to arrive at significant conclusion.
PO8	An ability to independently carry out research and developmental work and arrive at well-founded solutions for complex Electronics and e-vehicle problems
PO9	Select and apply relevant techniques, Engineering and IT tools for Engineering activities like modeling and control of systems/processes and also being Conscious of the limitations.
PO10	Comprehend professional and ethical responsibility in the field of Electronics and communication.