Program Educational Objectives of M. Tech (Process Instrumentation)

PEO1: Practice the knowledge of Instrumentation and Control Engineering and allied and related fields.

PEO2: Demonstrate technical, communication skills and team sprit along with leadership qualities to pursue career in broad areas of instrumentation and Control Engineering.

PEO3: Engage in life-long learning through independent study and research.

PEO4: Undertake responsibilities for societal, environmental and ethical causes.

Program Outcomes of M. Tech – Process Instrumentation

PO1: Acquire knowledge of Instrumentation and Control Engineering with ability to evaluate, analyze and synthesize knowledge related to Process Instrumentation.

PO2: Analyze complex problems related to Instrumentation and Control Engineering and synthesize the information for conducting research.

PO3: Think laterally to solve problems related to Instrumentation and Control Engineering and provide/suggest a range of solutions considering health, safety, societal, and environmental factors.

PO4: Extract knowledge through literature survey, experimentation and appropriate research methodology, techniques and tools.

PO5: Learn and use contemporary tools for solving problems related to Process Control, Automation, Measurement and Control etc.

PO6: Understand group dynamics and rational analysis in order to achieve common goals.

PO7: Ability to write clearly and to document own work for effective utilization.

PO8: Engage in life-long learning and learning through mistakes with / without external feedback.

PO9: Understand the impact of research and responsibility in order to contribute to the society.

PO10: Understand the role of a leader, leadership principles and attitude conducive to effective professional practice of Instrumentation and Control Engineering.