

## Program Name: Diploma in Mechanical Engineering

### Program Outcomes (POs)

PO 1	<b>Basic and discipline specific knowledge:</b> Apply the knowledge of basic mathematics, science and engineering fundamental and engineering specialization to solve the engineering problems
PO 2	<b>Problem analysis:</b> Identify and analyze well-defined engineering problems using codified standard methods.
PO 3	<b>Design / Development of Solution:</b> Design solutions for well-defined technical problems and assist with the design of system components or process to meet specified needs.
PO 4	<b>Engineering Tools, Experimentation and Testing:</b> Apply the modern engineering tools and appropriate technique to conduct standard tests and measurements.
PO 5	<b>Engineering Practices for Society, Sustainability and Environment:</b> Apply appropriate technology in context of society, sustainability, environment and ethical practices.
PO 6	<b>Project Management:</b> Use engineering management principals individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
PO 7	<b>Life-long learning:</b> Ability to analyse individual needs and engage in updating in context of technological changes.

### Program Specific Outcomes (PSO's)

PSO 1:	<b>Modern Software Usage:</b> Use latest Mechanical engineering related software for simple design, drafting, manufacturing, maintenance and documentation of Mechanical engineering components and processes
PSO 2:	<b>Equipment and Instruments:</b> Maintain equipment and instruments related to Mechanical Engineering
PSO 3:	<b>Mechanical Engineering Processes:</b> Manage Mechanical engineering processes by selecting and scheduling relevant equipment, substrates, quality control techniques, and operational parameters