

**Programme Learning Outcomes: Diploma Degree**

PLO1	Explain factual knowledge of the computing theories, concepts and techniques related to Software Engineering at different levels of abstraction.
PLO2	Solve real world problems through software engineering principles and methodologies using current tools and technique.
PLO3	Apply numeracy and information technology skills in developing Software Engineering models and applications.
PLO4	Identify the computing needs to deliver appropriate software solutions.
PLO5	Communicate common knowledge orally and verbally to a limited range of audiences.
PLO6	Design appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
PLO7	Develop interpersonal skills to work effectively as well as an active member of a team to perform a required task.
PLO8	Design and construct Software using standard approaches
PLO9	Explain ethical, social, cultural and organizational responsibilities on national and international levels.
PLO10	Employ entrepreneurial skills in identifying national and international impact of Software Engineering on individuals, community and industry.
PLO11	Identify the necessary requirements for, and be involved in continuing learning development in the domain of Software Engineering.

**Programme Learning Outcomes: Bachelor Degree**

PLO1	Discuss the conceptual knowledge of the computing theories, concepts and techniques related to Software Engineering at different levels of abstraction.
PLO2	Solve real world problems through software engineering principles and methodologies, and to creatively produce software artifacts using current tools and technique.
PLO3	Apply numeracy, algorithmic and information technology skills in developing Software Engineering models and applications in a professional manner.
PLO4	Formulate the computing needs to deliver appropriate software solutions.
PLO5	Communicate proficiently the advanced knowledge orally and verbally to a broad range of audiences.
PLO6	Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
PLO7	Function independently, self-managing and as an active member of a team to perform a required task.
PLO8	Design and construct Software using standard approaches.
PLO9	Characterize ethical, social, cultural and organizational responsibilities on national and international levels.
PLO10	Employ entrepreneurial skills in evaluating national and international impact of Software Engineering on individuals, community and industry.
PLO11	Fulfil responsibility for, and be engaged in, managing the pathway and progress of their own self-development and learning in the domain of Software Engineering.