Information Technology Department

Program Outcomes (POs)

PO1	**Engineering knowledge:** An ability to apply knowledge of mathematics, computing, science, engineering and technology.
PO2	**Problem analysis:** An ability to define a problem and provide a systematic solution with the help of conducting experiments, analyzing the problem and interpreting the data.
PO3	**Design / Development of Solutions :** An ability to design, implement, and evaluate software or a software /hardware system, component, or process to meet desired need s within realistic constraints
PO4	**Conduct Investigation of Complex Problems:** An ability to identify, formulate, and provide essay schematic solutions to complex engineering /Technology problems.
PO5	**Modern Tool Usage:** An ability to use the techniques, skills, and modern engineering technology tools, standard processes necessary for practice as a IT professional.
PO6	**The Engineer and Society:** An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modelling and design of computer- based systems with necessary constraints and assumptions.

PO7	**Environment and Sustainability:** An ability to analyze and provide solution for the local and global impact of information technology on individuals, organizations and society.
PO8	**Ethics:** An ability to understand professional, ethical, legal, security and social issues and responsibilities.
PO9	**Individual and Team Work:** An ability to function effectively as an individual or as a team member to accomplish a desired goal(s).
PO10	**Communication Skills :** An ability to engage in life-long learning and continuing professional development to cope up with fast changes in the technologies /tools with the help of electives, profession along animations and extra- curricular activities.
PO1 1	**Project Management and Finance:** An ability to communicate effectively in engineering community at large by means of effective presentations, report writing, paper publications, and demonstrations.
PO1 2	**Life-long Learning :** An ability to understand engineering, management, financial aspects, performance, optimizations and time complexity necessary for professional practice