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| 1 | PEOs | **PEO1:** The graduates will utilize their expertise in engineering to solve industrial and technological problems.<br><br>**PEO2:** Graduates will be innovators and professionals in technology deployment, and system implementation. .<br><br>**PEO3:** Graduates will function in their profession with social awareness and responsibilities..<br><br>**PEO4:** Graduates will interact with their peers in industry and society as engineering professionals and leaders.<br><br>**PEO5:** Graduates will succeed in achieving innovative skills in the field of research and computer application. |
| 2 | PSOs | **PSO1.**The graduates will have the ability to design, develop, and innovate software product or Process in a systematic way by applying algorithm design, Artificial Intelligence, Soft Computing and programming skills.<br><br>**PSO2.** The graduates will have the ability to take up higher studies, collaborative research and Entrepreneurships in the modern computing environment.<br><br>**PSO3.** The graduates will have the ability to achieve additional expertise through add-on programs in Machine Learning, Deep Learning , IoT etc and Lifelong learning. |
| 3 | POs | PO1: Engineering Knowledge Apply the knowledge of mathematics, science, engineering fundamentals, and Computer Science & Engineering to the solution of complex engineering problems. PO2: Problem Analysis Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences. PO3: Design/Development of Solutions Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and the cultural, societal, and environmental considerations. PO4: Conduct Investigations of Complex Problems Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions. PO5: Modern Tool Usage Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations. PO6: The Engineer and Society Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to professional engineering practice. PO7: Environment and Sustainability Understand the impact of professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for, sustainable development. PO8: Ethics Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice. PO9: Individual and Team Work Function effectively as an individual, and as a member or |

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| | | leader in diverse teams, and in multidisciplinary settings. PO10: Communication Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.<br>**PO11:** Project Management and Finance Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. PO12: Life-long Learning Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change |