

Master of Technology (CSE-AI&ML)

Programme Educational Objectives (PEOs)

PEO1: Graduates will excel in advanced research, innovation, and development in Artificial Intelligence and Machine Learning by leveraging cutting-edge tools, techniques, and interdisciplinary knowledge to address complex challenges in academia, industry, and society.

PEO2: Graduates will demonstrate leadership in designing and implementing innovative AI-driven solutions, contributing to the advancement of technology while adhering to ethical standards and fostering sustainable development.

Program Outcomes (POs)

PO1: An ability to independently carry out research /investigation and development work to solve practical problems.

PO2: An ability to write and present a substantial technical report/document.

PO3: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program

Program Specific Outcomes (PSOs)

PSO1: Develop expertise in designing, implementing, and optimizing AI and Machine Learning algorithms to solve complex, real-world problems across various domains such as healthcare, finance, transportation, and robotics.

PSO2: Demonstrate proficiency in leveraging advanced tools, frameworks, and techniques for deep learning, natural language processing, and computer vision, while addressing ethical considerations and ensuring responsible AI deployment.