



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi

NAAC Accredited with A+ Grade, NIRF India Rankings 2024 - Band: 201-300 (Engg.)

NBA Accredited - B.Tech. (CIVIL, CSE, CST, ECE, EEE, MECH), MBA & MCA



Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning)

Program Educational Objectives (PEOs)

PEO1 – Create Professionals to have a successful career in AI and ML related industries / research organizations by providing essential computational and analytical skills.

PEO2 – Pursue higher education, research, and continuous learning to stay updated with emerging AI and ML technologies and contribute to innovation.

PEO3 – Develop as responsible AI professionals with ethical values, problem-solving skills, and an interdisciplinary approach to address societal and technological challenges.

Program Specific Outcomes (PSOs)

PSO1 – Apply mathematical models, statistical techniques and AI/ML algorithms to design and develop intelligent computing solutions.

PSO2 – Design and implement AI and ML-based applications in various domains with focus on Performance, Scalability and Real-world constraints.

PSO3 – Analyse real-world problems, formulate AI-driven solutions and integrate ethical and sustainable AI principles for societal impact.