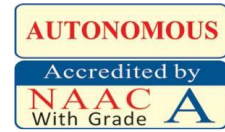


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MIC College of Technology

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(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
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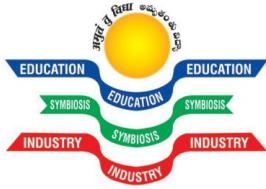
Department of Artificial Intelligence

Department's Vision

To produce internationally competent professionals with sound technical knowledge, research skills and values to address current and future challenges of the industry, contributing to the transformation of the society.

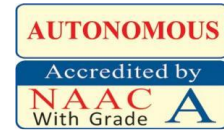
Department's Mission

- *Impart quality education in Artificial Intelligence through innovative teaching and learning methodologies.*
- *Conduct industry ready skill development programs to bridge the gap between academia and industry to produce competitive software technocrats.*
- *Promote research through state-of-the-art facilities and interaction with the industry*
- *Inculcate values in the students to make them socially committed professionals.*



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Program Educational Objectives

PEO 1: To produce proficient and competent Artificial Intelligence graduates with a strong foundation in science, Engineering and Technology to be successful in their professional careers.

PEO 2: To make graduates capable of acquiring technical knowledge in core areas and use modern tools to solve real world problems.

PEO 3: To inculcate necessary managerial and soft skills that help to develop entrepreneurship and leadership qualities so as to produce competent professionals with ethical values.

PEO 4: To prepare students for life-long learning and proactive research.

Program Outcomes (PO)

PO1: An Ability to apply knowledge of basic sciences, mathematical foundation, engineering fundamentals and an engineering specialization to the solution of complex engineering problems. (Engineering Knowledge)

PO 2: An ability analyze and solve the problems effectively with appropriate logical and analytical skills. (Problem Analysis)

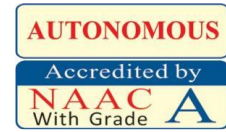
PO 3: An ability to design, develop and test software systems by applying algorithmic principles and programming process. (Design/Development of solutions)

PO 4: An ability to interpret the data and amalgamate the information to provide solutions to real world problems. (Conduct investigations of Complex problems)



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PO 5: An ability to acquire and apply the modern techniques and tools to complex engineering problems. (Modern Tool Usage)

PO 6: An ability to develop computing solutions for public safety and legal issues to serve the needs of the society. (The Engineer and Society)

PO 7: An ability to analyze the local and global impact of computing discipline on environmental issues and sustainable development. (Environment and Sustainability)

PO 8: An ability to apply the ethical principles in engineering practice. (Ethics)

PO 9: An ability to work effectively on projects either individually or in teams. (Individual and Team work)

PO 10: An ability to communicate effectively in written and oral forms on technical as well as general aspects. (Communication)

PO 11: An ability to apply engineering and management principles for effective development of projects. (Project Management and Finance)

PO 12: An ability to recognize the need for lifelong learning in the world of ever changing technology. (Life-long Learning)

Program Specific Program Outcomes (PSPO)

PSPO 1: Ability to contribute to problem identification, analysis, design, and development of systems using principles and concepts of Artificial Intelligence.

PSPO 2: To provide a concrete foundation and enrich their abilities to qualify for Employment, Higher studies and Research in Artificial Intelligence with ethical values.