DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, NTR Dist, A.P, India.
Phones: 08678 - 273535 / 94914 57799 / 73826 16824
E mail: office@mictech.ac.in, Website: www.mictech.edu.in

AUTONOMOUS
Accredited by NAAC With Grade A

Department of Information Technology

Department's Vision

To empower graduates to become globally renowned computing innovators by providing them with the leading technologies in information technology and computer science.

Department's Mission

- **Offering a rigorous and innovative curriculum that is aligned with the latest industry trends.**
- **Providing students with access to state-of-the-art facilities and equipment.**
- **Hiring experienced and qualified faculty who are passionate about teaching and research.**
- **Offering opportunities for students to gain real-world experience through internships, co-ops, and capstone projects.**

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Program Educational Objectives

PEO1: Empower graduates to become globally recognized IT professionals who use their knowledge and skills to solve complex real-world problems.

PEO2: Equip graduates to lead the development and adoption of new IT technologies.

PEO3: Instill a lifelong learning mindset and commitment to continuous professional development and innovation in graduates.

PEO4: Cultivate ethical and responsible IT professionals who use their skills to make a positive impact on the world.

Program Outcomes (PO)

PO1: An Ability to apply knowledge of basic sciences and mathematical foundation to engineering problems. (Engineering Knowledge)

PO2: An ability to analyze and solve the problems effectively with appropriate logical and analytical skills. (Problem Analysis)

PO3: An ability to design, develop and test software systems by applying algorithmic principles and programming prowess. (Design/development of solutions)

PO4: An ability to interpret the data and amalgamate the information to provide solutions to real world problems. (Investigations)

PO5: An ability to acquire and apply the modern techniques and tools to complex engineering problems. (Modern Tools)

PO6: An ability to develop computing solutions for public safety and legal issues to serve the needs of the society. (Engineer and Society)

PO7: An ability to analyze the local and global impact of computing discipline on environmental issues and sustainable development. (Sustainability)

PO8: An ability to apply the ethical principles in engineering practice. (Ethics)

PO9: An ability to work effectively on projects either individually or in teams. (Team Work)

PO10: An ability to communicate effectively in written and oral forms on technical as well as general aspects. (Communication)

PO11: An ability to apply engineering and management principles for effective development of projects. (Project Management)

PO12: An ability to recognize the need for lifelong learning in the world of ever changing technology. (Lifelong learning)

Program Specific Outcomes (PSO)

PSO1: Design, develop and test software systems to provide solutions to real world problems.

PSO2: Make sense of data by organizing, analyzing, and interpreting it to extract valuable insights.