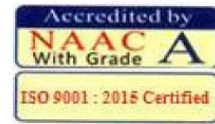




DVR & Dr. HS  
**MIC College of Technology**  
AUTONOMOUS

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)  
Kanchikacherla-521180, NTR Dist. A.P. India.  
Tel.No : 08678-273535/9491457799/7382616824  
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## **Department of Computer Science & Engineering**

### **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.*

### **Mission**

- *Impart quality education in computer science and engineering 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.*

### **Program Educational Objectives**

**PEO1:** To produce proficient and competent Computer Science and Engineering graduates with a strong foundation in basic sciences, mathematics and Engineering for successful professional careers.

**PEO2:** To make graduates capable of acquiring technical knowledge using modern tools and technologies for design and development of real time applications.

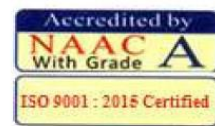
**PEO3:** To inculcate necessary managerial and soft skills that help develop entrepreneurship and leadership qualities so as to produce competent professionals with ethical values.

**PEO4:** To prepare students for life-long learning and proactive research.



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### **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 process. (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 Program Outcomes(PSPO)**

**PSPO1:** An ability to develop mobile Applications and Web Applications to become industry ready engineers.

**PSPO2:** An ability to apply computational knowledge and project development skills to develop innovative solutions using domain specific tools in the areas of Artificial Intelligence, Machine Learning, and Cloud Computing etc....