

## **1. Vision and Mission of the Institute**

**VISION** TO FOSTER AN ENVIRONMENT THAT EMPOWERS PEOPLE, ORGANIZATION AND SOCIETIES THROUGH EDUCATION, IDEAS, RESEARCH, AND TRAINING.

### **MISSION**

- TO PROVIDE QUALITY EDUCATION AND THEREBY BRING SOCIAL TRANSFORMATION
- TO CREATE LEADERS THROUGH INNOVATION AND ENTREPRENEURSHIP
- TO CULTIVATE THE CULTURE OF RESEARCH ADVANCEMENTS
- TO IMBIBE UNIVERSAL CONSCIOUSNESS
- TO STIMULATE GROWTH THROUGH INDUSTRIAL AND INTERNATIONAL PARTNERSHIP

### **CORE VALUE (LEADER)**

- **L** - LIFELONG LEARNING
  - **E** - EMPATHY
  - **A** - ADAPTABILITY
  - **D** - DIVERSITY
  - **E** - EMPOWERMENT
  - **R** - RESPECT
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## **2. Vision and Mission of Department of Information and Communication Technology**

**VISION** TO BUILD STUDENT'S CAPACITY THROUGH QUALITY EDUCATION THAT ENABLES THEM TO ADDRESS THE PROBLEMS OF INDUSTRIES AND SOCIETY, AND TO BECOME A CONTRIBUTOR.

### **MISSION**

- **M1:** TO DEVELOP THE ABILITY TO LOOK AT THE PROBLEMS THROUGH PROJECT BASED LEARNING.
  - **M2:** TO PROVIDE A BLENDED TEACHING AND ASSESSMENT APPROACH FOR STUDENTS TO ENHANCE THEIR LEARNING EXPERIENCE.
  - **M3:** TO PROVIDE EXPOSURE TO VARIOUS DOMAINS THAT ENABLES TO INDIVIDUAL TO CHOOSE THE DOMAIN OF THEIR INTEREST.
  - **M4:** CONTINUOUS INTERACTION WITH INDUSTRIES TO MAKE STUDENT INDUSTRY READY.
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## **3. Program Educational Objectives (PEOs)**

- **PEO1:** GRADUATES WILL BE ABLE TO APPLY ENGINEERING PRINCIPLES TO SOLVE REAL-WORLD PROBLEMS OF SOCIETY.

- **PEO2:** GRADUATES WILL BE ABLE TO WORK ON MULTIDISCIPLINARY PROJECTS IN DIVERSE INDUSTRIAL ENVIRONMENTS.
  - **PEO3:** GRADUATES WILL BE ABLE TO EXPLORE RECENT TECHNOLOGICAL DEVELOPMENTS RELATED TO INFORMATION AND COMMUNICATION TECHNOLOGY.
  - **PEO4:** GRADUATES WILL BE ABLE TO ENHANCE THEIR KNOWLEDGE AND SKILLS THROUGH SELF-LEARNING, PROFESSIONAL CERTIFICATIONS, AND HIGHER EDUCATION.
  - **PEO5:** GRADUATES WILL ACT ETHICALLY AND SOCIALLY RESPONSIBLE AS SOLUTION PROVIDERS AND ENTREPRENEURS.
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#### **4. Program Specific Outcomes (PSOs)**

- **PSO1:** GRADUATES WILL BE ABLE TO IDENTIFY, ANALYZE AND SOLVE THE REAL TIME PROBLEMS OF THE INDUSTRIES IN THE AREA OF SOFTWARE DEVELOPMENT, EMBEDDED SYSTEM, VLSI DESIGN, IOT AND COMMUNICATION TECHNOLOGIES.
- **PSO2:** GRADUATES WILL BE ABLE TO CONTRIBUTE AS AN ANALYST AND DEVELOPER IN THE AREAS RELATED TO CLOUD COMPUTING, DEVOPS, SECURITY, MACHINE LEARNING, ARTIFICIAL INTELLIGENCE AND BIG DATA.