

## **VISION AND MISSION OF THE INSTITUTION**

### **Vision**

Become a globally recognized research and academic institution and thereby contribute to technological and socio-economic development of the nation

### **Mission**

To foster a culture of excellence in research, innovation, entrepreneurship, rational thinking and civility by providing necessary resources for generation, dissemination and utilization of knowledge and in the process create an ambience for practice-based learning to the youth for success in their careers.

## **VISION AND MISSION OF THE DEPARTMENT**

### **Vision**

To excel in technical education and research in the area of Electronics and Communication Engineering and to produce skilled, trained, competent and highly motivated individuals to meet the present day challenges of society.

### **Mission**

To impart high quality education which enables students to face the challenges in the fields of Electronics and Communication Engineering.

To provide facilities, infrastructure and environment to develop the spirit of innovation, creativity and research among students and faculty.

To inculcate ethical, moral values and lifelong learning skills in students to address the societal needs.

## **PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)**

**Prepare Graduates:**

**PEO1: For successful employment in Electronics and Communication Engineering.**

**PEO2: To design, test and develop the state of the art hardware and software in Electronics and Communication Engineering.**

**PEO3: For lifelong learning skills, societal ethics and higher education.**

## **PROGRAMME OUTCOMES (POs)**

**At the end of the programme graduates will be able to:**

**PO1: Fundamentals:** Apply knowledge of mathematics, science and engineering.

**PO2: Problem analysis:** Identify, formulate and solve real time engineering problems using first principles.

**PO3: Design:** Design engineering systems complying with public health, safety, cultural, societal and environmental considerations

**PO4: Investigation:** Investigate complex problems by analysis and interpreting the data to synthesize valid solution.

**PO5: Tools:** Predict and model by using creative techniques, skills and IT tools necessary for modern engineering practice.

**PO6: Society:** Apply the knowledge to assess societal, health, safety, legal and cultural issues for practicing engineering profession.

**PO7:Environment:** Understand the importance of the environment for sustainable development.

**PO8: Ethics:** Apply ethical principles and commit to professional ethics, and responsibilities and norms of the engineering practice.

**PO9: Teamwork:** Function effectively as an individual and as a member or leader in diverse teams and multidisciplinary settings.

**PO10: Communication:** Communicate effectively by presentations and writing reports.

**PO11: Management:** Manage projects in multidisciplinary environments as member or a team leader.

**PO12: life-long learning:** Engage in independent lifelong learning in the broadest context of technological change.