

Department Vision and Mission

Vision

- To emerge as a department with global standing, that imparts quality education in Electronics and Instrumentation, equipping students to serve the society and the nation.

Mission

- *To provide students with fundamental knowledge and skills required to analyze and solve engineering problems pertaining to Electronics, Instrumentation and allied areas*
- *To prepare students to face the present and future challenges in their career by exposing them to best practices in industry and inculcating in them a culture of continuous learning.*
- *To develop their leadership skills and imbibe in them human values to make them socially responsible and capable of nation building without selfish motives*

Program Educational Objectives

- I. To prepare the students to acquire in depth knowledge so as to make them capable of analyzing, designing and solving problems related to Electronics, Instrumentation and allied fields in a global environment.
- II. To maintain an intellectually inspiring environment of learning, research, and innovation through professional activities that encourages students and faculty to enhance their capabilities.
- III. To act as a catalyst in creating excellence in technical education and services by providing venues for academic and industrial interactions.
- IV. To train students to appreciate and consider societal and environmental impacts of various engineering solutions and thereby fostering the traits of a socially responsible engineering graduate.
- V. To inculcate ethical and moral qualities required to work with and lead a team composed of people belonging to different backgrounds by respecting diversity.
- VI. To guide the students to effectively communicate with the engineering community in particular and with the society at large through different means and make learning a pursuit of life.

Program Specific Outcomes

- 1) An ability to analyse, design and implement Electronics or Instrumentation Systems.
- 2) Ability to solve engineering problems using modern computational tools pertaining to Electronics and Instrumentation with social consideration.
- 3) Ability to communicate and function effectively as Electronics or Instrumentation Engineer in a multidisciplinary setting either as a member or a leader.
- 4) Ability to adapt to various technological as well as management changes through independent and lifelong learning.