

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

- PEO1:** To prepare the students have successful career in industry and motivate for higher education.
- PEO2:** To provide strong foundation in basic science and mathematics necessary to formulate, solve and analyze Electronics and Instrumentation problems
- PEO3:** To provide strong foundation in circuit theory, control theory and signal processing concepts.
- PEO4:** To provide good knowledge of Instrumentation systems and their applications.
- PEO5:** To provide knowledge on basic electronics and their applications in Instrumentation engineering

PROGRAM OUTCOMES (POs)

- PO1:** Graduates will be able to apply fundamental knowledge in mathematics, science, electronics and instrumentation for solving engineering problems.
- PO2:** Graduates will be able to identify and analyze complex engineering problems in the areas of electronics, instrumentation and automation.
- PO3:** Graduates will be able to solve open-ended technical problems and be proficient in the design, test, and implementation of electronics, instrumentation and control systems.
- PO4:** Graduates will attain skills to conduct experiments/investigations and interpret data with reference to systems and standards related to electronics and instrumentation engineering.
- PO5:** Graduates will have proficiency in system design tools and software packages related to electronics and instrumentation.
- PO6:** Graduates will have knowledge in the area of electronics and instrumentation engineering to assess and address societal, health, safety, legal and cultural issues.
- PO7:** Graduates will have broad education necessary to understand the impact of engineering solutions and sustainable development in environmental and societal context in the field of Electronics and Instrumentation.
- PO8:** Ability to understand and analyze linear and digital electronic circuits.
- PO9:** Ability to review, prepare and present technological developments

PO10: Ability to form a group and develop or solve engineering hardware and problems

PO11: To understand and apply computing platform and software for engineering problems.

PO12: To understand ethical issues environmental impact and acquire management skills.