

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS).

- 1 **PEO 1: Successful Careers:** Graduates of IT excel in professional career with sound problem solving ability for providing IT solutions by proper plan, analysis, design, implementation and validation.
- 2 **PEO 2: Lifelong Learning:** Graduates of IT pursue training, advance study and research using scientific, technical and communication base to cope with the evolution in the technology.

PROGRAMME OUTCOMES (POS)

The Engineering Program in Information technology is expected to result in the following student learning outcomes:

- a) an ability to apply knowledge of mathematics, science, and engineering,
- b) an ability to design and conduct experiments, as well as to analyze and interpret data,
- c) an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability,
- d) an ability to participate and contribute in multidisciplinary work,
- e) an, ability to identify formulate, and solve engineering problems,
- f) an understanding of professional and ethical responsibility,
- g) an ability to communicate effectively,
- h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context,

- i) a recognition of the need for, and an ability to engage in life-long learning,
- j) a knowledge of contemporary issues,
- k) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice,
- l) an ability to analyze the problems and provide solutions in IT and IT enabled domain,
and
- m) an ability to apply software engineering principles in product development using emerging technology.