DEPARTMENT OF ELECTRONCIS & COMMUNICATION ENGINEERING
PONDICHERRY ENGINEERING COLLEGE
Puducherry

B.Tech (Electronics and Communication Engineering)

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

➢ To produce knowledgeable and contributive engineering graduates in the twin core areas of Electronics Engineering and Communication Engineering by grooming the students to be practitioners of concepts and designers

➢ To develop analytical thinking, problem solving capacity, logical ability, interpretation skills, life skills, ethical spirit, sensitivity to safety issues and managerial skills of the students towards making them industry ready, adaptive and portable human resource through contemporary curriculum and co-curricular programmes

➢ To nurture the intellect and potential of the students towards pursuing their higher studies and research in the frontier areas of the domain both in India and abroad

➢ To inculcate the spirit of innovation / creativity, independent thinking, risk taking ability, entrepreneurship and attitude to approach challenges with confidence

PROGRAMME OUTCOMES (POs)

➢ Ability to apply knowledge of mathematics, science, and engineering

➢ Ability to design and conduct experiments, as well as to analyze and interpret data

➢ 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

➢ Ability to function on multidisciplinary teams

➢ Ability to identify, formulates, and solves engineering problems

➢ Understanding of professional and ethical responsibility

➢ Ability to communicate effectively

➢ The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context

➢ Ability to engage in life-long learning

➢ Confidence to deal with contemporary issues and challenges

➢ Ability to use the techniques, skills, and modern engineering tools necessary for engineering practice

PSPO: Capacity for innovative and independent thinking