

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
PONDICHERRY ENGINEERING COLLEGE
Puducherry

M.Tech (Electronics and Communication Engineering)

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

- To produce scholarly and competitive graduates in the contemporary and core areas of Electronics and Communication engineering
- To inculcate intellectual capacity, research aptitude and independent thinking to inquire, study and explore the frontier areas of the domain
- To arouse the interest for application centric learning through intensive laboratory practices towards producing confident and industry ready human resource
- To nurture and evoke the spirit of innovation, creativity, risk taking ability, entrepreneurship and ethical disposition

PROGRAMME OUTCOMES (POs):

- Ability to evolve as knowledgeable and competitive graduates with a global perspective in the areas of Electronics and Communication Engineering
- Ability to pursue independent research and innovate
- Ability to propose pragmatic solutions for engineering problems with due considerations for public health & safety, cultural, societal and environmental factors
- Ability to contribute to the technological advances through quality research
- Capacity for applying knowledge, modern techniques and tools to conduct experiments as well as to analyze and interpret data to build practical systems
- Ability to collaborate and work in a multi-disciplinary environment towards higher academic and research objectives
- Understanding of engineering and management principles to lead and manage projects efficiently towards fulfilling the envisaged outcomes
- Ability to communicate effectively and present the ideas and thoughts precisely and with utmost clarity
- Ability to engage in life-long learning with commitment to stay relevant and contemporary
- Ability to understand and appreciate ethical principles and social responsibilities
- Ability to take on challenging issues, be progressive in endeavours and learn from the outcomes