

Electronics and Communication Engineering Programmes

PROGRAMME OUTCOMES

PO1 Engineering Knowledge Apply the knowledge of mathematics, basic science and engineering fundamentals in finding solutions to Complex problems in the field of electronics and communication engineering

PO2 Problem Analysis Analyze the problem identify and formulate the computing requirements appropriate to its Solutions

PO3 Design/development of Solutions Capable of designing a system component or process that meet specific needs with appropriate considerations for health, safety, societal and environmental issues.

PO4 Conduct investigations of complex problems: Use research based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions. Design and conduct experiment as well as to analyze and interpret data.

PO5 Modern tool usage: Use latest simulation tools current techniques Software and Hardware skills for analyzing and obtaining solutions to engineering problems.

PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7 Environment and sustainability: Possess adequate knowledge required for sustainable development keeping in view of environmental impacts and contemporary issues.

PO8 Ethics: Acquire strong ethical and professional responsibilities adherence to quality and abide rules and regulations of eminent organizations or industries.

PO9 Individual and Team work: Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11 Project management and Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi disciplinary environments

PO12 Life-Long learning: Engage in self education and lifelong learning

B.E.(Electronics and Communication Engineering)

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

PEO1 To prepare students to excel in undergraduate Programme and to succeed in industry / technical profession through quality education.

PEO2 To provide students with solid foundation in mathematics, basic science and engineering fundamentals necessary to analyze, formulate and solve problems in the field of Electronics and Communication engineering.

PEO3 To inculcate a strong flavour of project activities among the students and impart them with good scientific and engineering knowledge including proficiency in hardware languages, use of latest software tools, so as to analyze, design and create novel products and provide solutions to real life problems.

PEO4 To impart the professional and ethical attitude, effective communication and presentation skills, teamwork skills, multidisciplinary approach, and an ability to integrate engineering issues to broader social contexts to students.

PEO5 To provide student with an academic environment aware of excellence, outstanding leadership, written ethical codes and guidelines with moral values, and the life-long learning needed for a successful professional career.

M.E – Communication Systems

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO1 To demonstrate their exceptional skills that will enable them to integrate undergraduate fundamentals with advanced knowledge necessary to evaluate and analyze recent developments in the field of communication and network systems

PEO2 To enable the graduates to apply the sustained learning, their engineering skills and adapting to multidisciplinary situations through graduate work, professional development, and self-study in communication system design to meet out the challenges in industries and academia.

PEO3 To engage graduates in research and development in Industry and Academia, adapt emerging technology and pursue Applied Research and innovation in the various domains of communication system

