Department of Electronics & Telecommunication
Government Autonomous College, Rourkela

Program outcome

PO1: Provide graduates with a strong foundation in mathematics, science and engineering fundamentals to enable them to devise and deliver efficient solutions to challenging problems in Electronics, Communications and allied disciplines..
PO2: Impart analytic and thinking skills to develop initiatives and innovative ideas for R&D, Industry and societal requirements.
PO3: Provide sound theoretical and practical knowledge of E&C Engineering, managerial and entrepreneurial skills to enable students to contribute to the well-being of society with a global outlook.
PO4: Inculcate qualities of teamwork as well as social, interpersonal and leadership skills and an ability to adapt to evolving professional environments in the domains of engineering and technology.

Program Specific Outcome

PSO1. Apply the fundamental concepts of electronics and communication engineering to design a variety of components and systems for applications including signal processing, image processing, communication, networking, embedded systems, and VLSI and control system
PSO2. Select and apply cutting-edge engineering hardware and software tools to solvecomplex Electronics and Communication Engineering problems
PSO3 Construct, choose and apply the techniques, resources and modern engineering toolsrequired for Electronics and Communication Engineering applications
PSO4. Demonstrate knowledge and understanding of the engineering and managementprinciples to manage projects in multidisciplinary environment
PSO5. Promote continuous learning and innovation in research in the field of technology

COURSE OUTCOME

SEMISTER I:
Core 1: Basic ElectronicsCore 2:
Applied Physics **SEMISTER II:**
Core 3: Basic Electricals
Core 4: Semiconductor Devices
SEMISTER III:
Core 5: Applied MathematicsCore 6:
Network Theory
Core 7: Digital Electronics
SEMISTER IV:
Core 8: Analog Electronics
Core 9: Microprocessors - Understanding of different circuit chipsCore 10:
Signal & Systems
SEMISTER V:
Core 11: Electronic InstrumentationsCore 12:
Analog Communications
DSE 1: Embedded System & MicrocontrollerDSE 2:
Digital Signal Processing **SEMISTER VI:**
Core 13: Electromagnetic Wave Theory Core 14:
Digital & Mobile CommunicationsDSE 3: VLSI
Design
DSE 4: PROJECT