Academic Year 2023-24 Volume 3 Issue 1

Department of Electronics and Telecommunication

Government Polytechnic Gondia

Tronic NEWS LETTER new

Industrial Training

All Second Year students done inplant training (duration 6 week) from 3/06/2024 to 13/07/2024 Training Mentor had collected consent letter of parents/guardian of these students as date 02/05/2024 .Training industry and letter are collected by respective Mentor of each student.

One day workshop on Advance PCB Design

Industrial Visit *at Airport Authority of India Birshi on date 2/3/2024*

Editorial Committee:

Mrs.P.H.Gedam

Lecturer in Electronics & Telecomm. Engineering.

Inside This Issue:

Lab Development-

- Our department has developed 8051 Simulator Android app for conduction of practical of Microcontroller subject.
- Our department has developed virtual lab for Power Electronics Subject

Youtube Channel 3 staff members have made their channel with a total of 200 + videos and one you tube channel for department

Placement had been done at John Deere Pune 25 students from EJ got selected

Engineers day celebration by EJ Dept.

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National level Project and Paper Presentation under ISTE

Tree Plantation by EJ Department

School Connect at 25 different school over the district had been delivered carrier guidance program.

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VISION

To develop skilled, ethical and self-motivated Electronics & Telecommunication Engineering technicians for serving needs of industries and society.

MISSION

- **To impart high quality Electronics & Telecommunication engineering education and professional ethics to students**
- **To adopt the best pedagogical methods in order to maximize knowledge transfer**
- **To have adequate mechanisms to enhance understanding of implementation of theoretical concepts in practical scenarios.**
- **To provide the best facility, infrastructure, and environment to the students and faculty members, creating an ambience conducive for excellence in Electronics & Telecommunication engineering education.**

Program Educational Objectives (PEOs)

- **PEO1:** Provide socially responsible, environment friendly solutions to Electronics and Telecommunication engineering related broad-based problems adapting professional ethics.
- **PEO2:** Adapt state-of-the-art Electronics and Telecommunication engineering broad-based technologies to work in multidisciplinary work environments.
- **PEO3:** Solve broad-based problems individually and as a team member communicating effectively in the world of work.

Program Objectives (POs)

- **PO1:Basic and Discipline Specific Knowledge:** Apply knowledge of basic Mathematics, Science, Engineering fundamentals and engineering specialization to solve the engineering problems.
- **PO2:Problem Analysis:** Identify and analysis well-defined engineering problems using codified standard methods.
- **PO3:Design/Development of Solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified methods.
- **PO4:Engineering Tools, Experimentation And Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- **PO5:Engineering Practices for Society, Sustainability And Environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- **PO6:Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
- **PO7:Life-Long Learning:** Ability to analyse individual needs and engage in updating in the context of technological changes.

Program Specific Objectives (PSOs)

- **PSO1:** Electronics and Telecommunication Systems: Maintain various types of Electronics and Telecommunication systems.
- **PSO2:** EDA Tools Usage: Use EDA tools to develop simple Electronics and Telecommunication engineering related circuits.