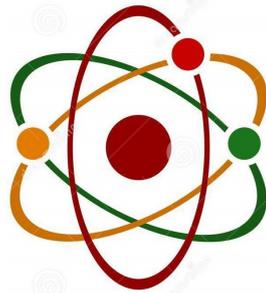




Government
Polytechnic
Gondia

Academic Year 2024-25 Volume 1 Issue 1

Department of Electronics and Telecommunication



Tronic

NEWS LETTER

new

Industrial Training



Nagpur, Maharashtra, India
514014, K. J. Somaiya Institute of Technology & Management, Near
Gandhinagar Police Station, Gandhinagar, New Mangalpur, Nagpur, Maharashtra-440013, India
Tel: 211764132, Fax: 211002151
0206220256 to 30, 02061400130

*Second Year Students
Implant Training at RCO-
EM Nagpur*



*One day workshop on Optical fiber & OTDR on
date 27/03/2025 by Mr. Nishant Meshram*



*Industrial
Visit at
Sunflag
Iron &
Steel Com-
pany Ltd
Bhandara*

Editorial Committee:
Mrs.P.H.Gedam

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



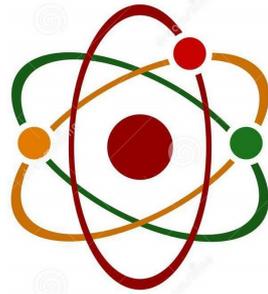
Engineers day celebration by EJ Dept.



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National level Project and Paper Presentation under ISTE



Mr. Tanisk Hatekar EJ6I securing the prestigious First Prize in the Debate Competition organized at G. H. Raisonni Polytechnic, Nagpur



*One Day workshop on CCTV installation Date
24/2/2025*



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Department of Electronics and Telecommunication

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.