



## Electrical Engineering Department

### Editorial Committee:

Mr.A.D.Sahasakde(LEE)

Mr.K.R.Kachiyawale  
(LEE )

Bhumeshwar Bodne  
(Student)

Abhishek Bahekar  
(Student)

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### Expert Lecture on Role of EE in PWD Department

An Expert lecture on "Role of EE in PWD Department" was conducted by Mr. K.A.Yesansure, Deputy Engineer (EE) PWD, Gondia, for VI Semester students of EE.

The session was conducted on 4<sup>th</sup> April, 2023, the duration of the session was two hour.

Dr. Gajanan Gotmare HOD welcomes the guest and Mr. A.D.Sahasakde introduces the speaker to the students.

The expert explained the various aspects of Role of EE in PWD Department

This expert lecture will benefits the students for achieving *PO5 and PO7*.



# Vidyyut Urja

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## Student Achievements- Final Year Result

Maharashtra State Board of Technical Education (MSBTE), Mumbai has declared the Polytechnic Diploma Results 2022 on 29<sup>st</sup> June, 2023

Mr. Bhumeshwar S. Bodne emerged as topper from Electrical Engineering Department securing 85.75 percent marks. Mr. Abhishek S.Bahekar and Ms. Gireshma D. Bisen

secured second and third rank respectively. Nearly 90 percent candidates were declared successful in the final year examination.

Dr. C.D.Golghate, Principal, Government Polytechnic, Gondia and Dr. G.V. Gotmare I/C HOD, Electrical Engineering congratulated all students for their success and also congratulated all the faculties of Electrical Engineering for their teaching efforts during academic year 2022-23.



Mr. Bhumeshwar S. Bodne  
First Rank – 85.75%



Mr. Abhishek S. Bahekar  
Second Rank – 85.63%



Ms. GIRISHMA D. BISEN  
Third Rank –83.37%

## Swachata Abhiyan at Kho-Kho Ground

Swachata abhiyan is organised at Kho-Kho ground of the institute on Dt. 11.09.2023. Students of V Sem & III Sem of EE Department participated in the event.

This event will benefit the students for achieving *PO4* and *PO7*.



## Essay Writing Competition on RTI



Essay writing Competition is organised on Dt. 28.09.2023 on the occasion of RTI day. Total 30 students of EE Departments participated in the competition. The purpose of this competition is to make students aware about RTI act and its importance. This competition will benefit the students for achieving *PO4* and *PO7*.

## Extra Curricular Activities



Social activity is done by EE Department students & faculty members by arranging grass sheets in cricket ground. Extra curricular activities are performed by EE department by

performing in various activities like sports, dance, Drama in institute cultural program Umang 2023. Under Gymkhana activities No. of students participated in sports activities like cricket, Running, Kabaddi, Kho-Kho Etc.

Students also participated in Tree plantation program arranged at institute level



## Expert Lecture on Industry 4.0

An Expert lecture on “Industry 4.0” was conducted by Mr. G.H. Dahole HOD, ME Department, Govt. Polytechnic, Gondia, for IV & VI Semester students of EE.

The session was conducted on 12<sup>th</sup> April, 2023, the duration of the session was two hour.

Dr. Gajanan Gotmare HOD welcomes the guest and Mr. A.D.Sahusakde introduces the speaker to the students.

The expert explained the various aspects of Industry 4.0

This expert lecture will benefits the students for achieving *PO5 and PO7*.



## Industrial Visit to 11KV/440V Substation At G.P. Gondia



A Industrial visit was organized on 03<sup>th</sup> October, 2023 at “11KV/440V Substation At G.P. Gondia”. 35 students of Third year Electrical engineering attended along with Mr. A.D.Sahusakde, LEE and Mr. K.R.Kachiyawale.

First Industrial visit was organized on 20<sup>th</sup> March, 2023 at “Adani Power Plant, UP”. 50 students of third year electrical engineering attended along with Mr. A.D.Sahusakde, LEE and Mr. K.R.Kachiyawale.

These virtual industrial visits will benefits the students for achieving *PO1, PO5, PO6 and PO7*.

## Industrial Visit to WTP, Kudwa, Gondia

A Industrial visit was organized on 06<sup>th</sup> April, 2023 at “Water Treatment Plant, Kudwa, Gondia”. 45 students of Second year Electrical engineering attended along with Mr. A.D.Sahusakde, LEE and Mr. K.R.Kachiyawale.

First Industrial visit was organized on 20<sup>th</sup> March, 2023 at “Adani Power Plant, UP”. 50 students of third year electrical engineering attended along with Mr. A.D.Sahusakde, LEE and Mr. K.R.Kachiyawale.

These virtual industrial visits will benefits the students for achieving *PO1, PO5, PO6 and PO7*.



Photographs of Virtual Industrial Visit

## Electrical Engineering Department

Government Polytechnic,  
Fulchur Peth,  
Gondia (MS)  
PIN 441601

Phone: 07182-235136  
Fax: 07182-235136  
E-mail: hodeegpgondia@gmail.com

## Save Energy

[www.gpgondia.org](http://www.gpgondia.org)



**Govt. Polytechnic, Gondia**

### Vision of Program

To develop self motivated, skilled electrical engineers, having professional ethics, to serve industries and society.

### Mission of Program

- M1: To impart electrical engineering knowledge for life-long learning.
- M2: To develop electrical engineers to render services to industries and society.
- M3: To inculcate professional and ethical values.
- M4: To provide environment, to develop leadership and effective communication abilities.

## PEOs, POs, PSOs of Electrical Engineering Program

### Program Educational Objective (PEOs)

- PEO 1. Provide socially responsible, environment friendly solutions to Electrical engineering related broad-based problems adapting professional ethics.
- PEO 2. Adapt state-of-the-art Electrical engineering broad-based technologies to work in multi-disciplinary work environments.
- PEO 3. Solve broad-based problems individually and as a team member communicating effectively in the world of work.

### Program Outcomes (POs)

**PO1: Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and

engineering specialization to solve the engineering problems.

**PO2: Problem analysis:** Identify and analyse 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 needs.

**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 Outcomes (PSOs)

**PSO 1. Electrical Equipment:** Maintain various types of rotating and static electrical equipment.

**PSO 2. Electric Power Systems:** Maintain different types of electrical power systems.