



Viddyut Urja

Volume 1, Issue 2

Half Yearly Newsletter,
1st April, 2020

Electrical
Engineering
Department

Editorial Committee:

Dr. G.V.Gotmare, HOD

Mr. A.D.Sahusakde, LEE

Ms. Laxmi Raut, LEE

Technical Quiz Competition

Ms. Shital Rahangdale, & Ms. Meena Punde of Sixth Sem (19-20) got First Prize in State Level Quiz Competition held at NIT Polytechnic, Nagpur (Techno Spark 2K20).

Other 14 students (19-20) participated in National Level and State Level Quiz competition at various institutes.

Principal Dr. C.D.Golghate and HOD Dr. G.V.Gotmare Congratulated prize winning students and student mentor Mr. A.D.Sahusakde for their achievement.



Prize Winning Students with Principal Dr. C.D.Golghate, HOD Dr. G.V.Gotmare and Mentor Mr. A.D.Sahusakde

Project Competition

Inside This Issue:

- Sports & Cultural Activities 2
- Expert Lectures 2
- FDTP & Achievements 3
- Social Activities & New Facility 3

Mr. Sumit Nagore, Mr. Anush Neware, Mr. Saroj Sharnagat, and Mr. Sagar Bawankar, Sixth Sem (19-20) got Consolation Prize in National Level Project Competition held at KDK college of Engineering, Nagpur (NIRMAN2020)

Principal Dr. C.D.Golghate and HOD Dr. G.V.Gotmare Congratulated prize winning students and student mentor Mr. A.D.Sahusakde.



Prize Winning Students

Cultural Activities



Number of students participated in Cultural activities like, Drama, Mar. Speech, English Speech, Dance, Fancy Dress, Treasure Hunt Competition during 2019-20



Sports

Number of students participated in Annual sports competitions organized by Inter Engineering Diploma Students Sports Association (IEDSSA) in January-February 2020 in following events.

1. Kabaddi - 6 students
2. Kho-Kho - 6 Students
3. Football - 4 Students

Expert Lectures on Life Skills, 3D Printing & Safety

An Expert lecture on "Life skill" was conducted by Mr. Sagar, Gondia, for VI Semester students of Electrical Engineering. The session was conducted on 11th February, 2020, the duration of the session was two hour.

Ms. Laxmi Raut welcomes the guest and Mr. A.D.Sahusakde introduces the speaker to the students.

An Expert lecture on "3D Printing & Robotics" was conducted by Mr. Minesh Nagpure, Mintech Robotics Pvt. Ltd. Gondia, for the students of IV and VI Semester Electrical Engineering.

The session was conducted on 12th February, 2020, total 117 students actively participated.

Mr. K.R. Kachhiyawale welcomes the guest and Mr. O.S.Chavan introduces the speaker to the students.

An Expert lecture on "Basics of Safety and Behaviour Safety" was conducted by Mr. Suhas Wakodikar, Solar Power Plant Operations, Nagpur, for the VI Semester students of Electrical Engineering.

The session was conducted on 13th February, 2020, total 55 students actively participated.

Mr. O.S.Chavan welcomes the guest and K.R. Kachhiyawale introduces the speaker to the students.

Faculty Development Training Program

The Electrical Engineering Department in collaboration Mechanical Engineering and Electronics & Telecommunication Engineering Department of G.P.Gondia organized a five-day faculty development program (FDP) approved by Directorate of Technical Education (DTE) Maharashtra on Emerging Trends in Green Energy Technologies.

Nearly 30 Polytechnic teachers across Maharashtra participated in the program that ended on Friday 6th March, 2020.

The program covered the focus areas on Emerging Trends in Green Energy Technologies. These included Wind Energy, Biodiesel, Electric Vehicle and Recent Developments in solar energy and design of Solar Systems. Industrial Visits at Solar Power Plant at Ashok Leyland, Bhadara is also organized.

Er. Minesh Nagpure, Dr. C.D.Golghate, Dr. G.V.Gotmare, Dr. R.M.Moharil, Dr. G.K.Awari, Dr. D.D.Lulekar, Er. Vaibhav Motghare and Er. Sachin Ghabhane was the experts. Principal, Dr. C.D.Golghate Inaugurated the program. Program Coordinator Dr. G.V.Gotmare, Prof. S.H.S. Patel, Prof. Gahane, Prof. Nimje, Prof. Deshmukh, Prof. Sahusakde worked hard for the successful completion of program.



Social Activities

Sixth Semester Students actively participated in Unnat Bharat Abhiyan and perform Electrical Safety Audit at Fulchur Tola Village, Gondia. And Give

suggestions on reduction on energy bill, use of LED lamp under the guidance of Prof. K.R.Kachhiyawale.



New Facility Created

- ◆ Installation of Basic Electrical Engineering Laboratory. Total Six Panels are installed, on which all practical as per curriculum of First Year Electrical, Electronics, Computer, Information Technology and Mechanical Engineering are to be performed.
- ◆ Installation of Electrical Machine (AC & DC) Laboratory.
- ◆ Installation of Electrical Workshop & Computer Lab.



Basic Electrical Engineering Laboratory

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



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.