



Vidyyut Urja

Volume 2, Issue 2

Half Yearly Newsletter,
1st April, 2021

**Electrical
Engineering
Department**

Editorial Committee:

- Dr. G.V.Gotmare, HOD
- Mr. A.D.Sahasakde, LEE
- Ms. Laxmi Raut, LEE

Expert Lectures by Faculty

In-Charge HOD Dr. G.V.Gotmare delivered expert lectures at AICTE/ISTE faculty Development Training Program on “NBA” on following topics at G.P.Thane, Anjuman College of Engineering & Technology, Nagpur and HRH The Prince of Wales Institute of Engg. & Tech., Jorhat, Assam during the lockdown in online mode in total Eight Phases of training program.

- Vision, Mission, PEOs, Pos, PSOs, COs
- OBE Philosophy,
- Accreditation Process,
- Rubrics

Expert Lectures for Students

Inside This Issue:

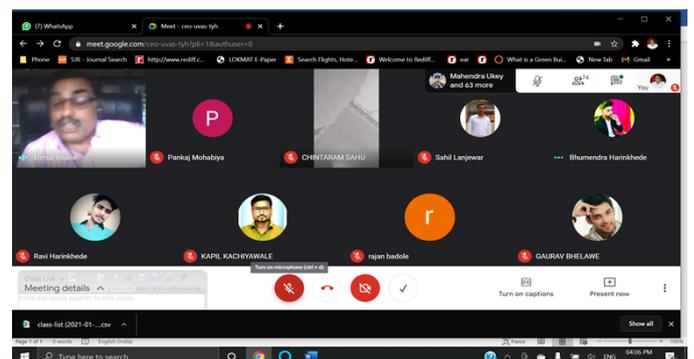
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Prof. D.K.Korsane, Asst. Professor, delivered expert lecture on “Electric Vehicle” to students of Fourth and Sixth semester on 24th December, 2020.

Dr. Komal Thakre, Professor, Taywade College Nagpur delivered lecture on “Granth Hech Guru” for all students on 28th January 2021 on occasion of “Marathi Bhasha Pandharwada”.

Dr. Gouthamkumar Nadakuditi, Professor, National Fire Service College, Nagpur delivered lecture on

“Awareness on Electrical Fire Prevention and Protection” on 5th February, 2021 for students of fourth and sixth sem.



Social Activity

Four students of 6th semester Electrical Engineering visited Houses and Perform Survey of Electrical Energy Conservation at Chichtola Village Dist: Gondia under "Unnat Bharat Abhiyan" under the guidance of Dr. G. V. Gotmare I/C HOD.

Suggestions on following topics are given to the peoples.

- Electrical Energy Saving
- Importance of Proper Earthing and
- Use of MCB's & ELCB's



Sports

Leena Surendra Pathode (TY) Participated in Virtual Chess Competition, held at G.P.Mumbai. And other three students in various virtual sports in lockdown period.



Cultural Activities



10 students participated in various competition like essay writing, singing, dance, Rangoli, Poster Making, Talent Search etc.

New Facility Created



Technical Quiz Competition

- Ravi Tirthraj Harinkhede of Sixth Sem (20-21) got First Prize in State Level Quiz Competition held at G.P.Mumbai
- Varun Mahendra Meshram of Sixth Sem (20-21) got Consolation Prize in State Level Quiz Competition held at JD College Engineering & Management Nagpur.
- Other 30 students (20-21) participated in National Level and State Level Quiz competition at various institute.



Institutional Portfolios

NBA Committee- Co-ordinator- Dr. G.V.Gotmare
- eSAR of ME, CO and IF submitted.

Project Proposal Committee- Co-ordinator- Dr. G.V.Gotmare- MODROB proposal of EE, IF & CO submitted to AICTE.

SC/ST Committee- Co-ordinator- Mrs. N.J.Suryawanshi- What's App Group of SC/ST students formed for giving information to students.

Energy Audit and Conservation Committee- Co-ordinator- Mr.S.M.Meshram- Electrical Safety Audit of Institute.

Electrical Maintenance Committee- Co-ordinator- Mr.S.M.Meshram- Repairing of Broken Switch boards and wiring in the Institute by PWD (Electrical).

Staff Club Committee- Co-ordinator- Mr. A.D.Sahusakde- Retirement, Farewell Program of faculties.

Student Mentor Committee- Co-ordinator- Mr. A.D.Sahusakde and Mr. K.R.Kachhiyawale- Student Mentor Committee Formed.

House Keeping & Campus Cleaning Committee- Co-ordinator- Mr. K.R.Kachhiyawale- Supervising cleanliness in Campus.



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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.