

NEWSLETTER

ELECTRICAL ENGINEERING DEPARTMENT KALANIKETAN POLYTECHNIC COLLEGE, JABALPUR

(An Autonomous Institute declared by Government of Madhya Pradesh)



Vol. - 06, ISSUE - 02, December 2023

FROM PRINCIPAL'S DESK:

This newsletter is reflecting the clear picture of various activities undertaken by Electrical Engineering Department. It has a dedicated team of faculty and Staff members striving hard to bring out best in students to have latest knowledge and skill so that they can stand with present competitive world.



Dr. R. C. Pandey, Principal

I congratulate the Editorial Board who have accomplished the task in record time. My heartfelt congratulations to staff members and students for their effort. With all Best wishes.

HOD MESSAGE:

It gives me immense pleasure that our department releasing Vol. - 06, ISSUE - 02, December 2023 edition of newsletter. This newsletter is to inform activities undertaken by department. Faculty members of the department are experienced and motivated academicians dedicated to guide our students. Students are also eager to cope up with the change and demands of the industry and society. Our aim is to provide best balance of cognitive and practical exposure so that students will be able to serve a variety of societal needs. For that purpose we arrange several workshops, industrial visits, expert lectures and competitions to become best electrical engineer/Entrepreneur.



Mrs. A. Pandey, HOD

VISION:

To develop competent diploma electrical engineers to meet the demand of industry and society.

MISSION:

1. To impart quality education for producing diploma engineers.
2. To provide best practices and opportunities to be a professional.
3. To inculcate ethical values with lifelong learning.

PROGRAMME SPECIFIC OUTCOMES (PSOs):

1. Estimate, install, maintain, test and control of various electrical machines and components in electrical power systems.
2. Select and make use of electrical instrument, equipment and machines used in field.
3. Manage energy efficient appliances and renewable energy sources.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs):

1. To acquire knowledge of basic principles of science and engineering.
2. Use and maintain electrical systems, tools and application in field of electrical and allied engineering industry.
3. Ability to practice ethically, lifelong learning, carrier enhancement, work effectively as an individual and team member.
4. To adopt professional and societal needs with environmental sustainability.

PROGRAM OUTCOMES (POs):

1. **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
2. **Problem analysis:** Identify and analyse well-defined engineering problems using codified standard methods.
3. **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.
4. **Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
5. **Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
6. **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.
7. **Life-long learning:** Ability to analyse individual needs and engage in updating in the context of technological changes.

INDEPENDENCE DAY CELEBRATION:

We celebrated "77th Independence Day" at our college. Dr. R. C. Pandey, Principal hoisted our national flag. Staff and Students gave their speeches and sang patriotic songs.

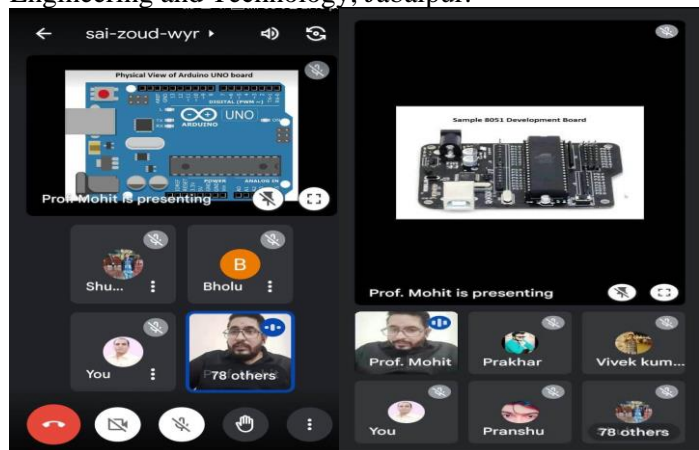


EXPERT LECTURES:

Expert Lecture jointly organized by the Electrical and Electronics Department on “घटते मानवीय मूल्यों का संरक्षण” on 27.09.2023. All students attended the lecture and are benefited by it.



• An Online Virtual Mode Expert Lecture held on “Microcontroller” on 04.11.2023 by Shri Mohit Khilwani, Assistant Professor, Takshshila Institute of Engineering and Technology, Jabalpur.



• Expert Lecture on “Power System Installation, Maintenance & Testing” by Shri R. K. Khare, Executive Engineer, Madhya Pradesh Poorv Kshetra Vidyut Vitaran Company Ltd., Jabalpur on 29.11.2023 which was coordinated by Shri R. K. Taksande and Shri M. A. Khan.



ESSAY WRITING COMPETITION:

महाकौशल विज्ञान परिषद, जबलपुर द्वारा “विज्ञान के लोक व्यापीकरण” पर आधारित कार्यक्रम के अंतर्गत निबंध प्रतियोगिता दिनांक 05.10.2023 को आयोजित की गयी. जिसमें विद्युत विभाग के छात्र-छात्राओं ने सम्मिलित होकर निबंध प्रतियोगिता में भाग लिया.

CAREER COUNSELING:

Our faculty members gave “Career Counseling” to final year students on 07.11.2023.

POSTER COMPETITION:

महाकौशल विज्ञान परिषद, जबलपुर द्वारा आयोजित “विज्ञान के लोक व्यापीकरण” पर आधारित कार्यक्रम के अंतर्गत पोस्टर प्रतियोगिता दिनांक 05.10.2023 को आयोजित की गयी. जिसमें विद्युत विभाग के छात्र-छात्राओं ने सम्मिलित होकर पोस्टर प्रतियोगिता में भाग लिया.

मतदाता जागरूकता एवं मतदाता युवा महोत्सव कार्यक्रम:

- जिला निर्वाचन कार्यालय स्वीप सेल द्वारा “मतदाता जागरूकता कार्यक्रम” के अंतर्गत चित्रकला, पोस्टर एवं स्लोगन प्रतियोगितायें दिनांक 09.10.2023 को आयोजित की गयी. जिसमें विद्युत विभाग के छात्र-छात्राएँ सम्मिलित हुये.
- जिला निर्वाचन कार्यालय स्वीप सेल द्वारा “मतदाता युवा महोत्सव” के अंतर्गत नृत्य, गीत, संगीत प्रतियोगितायें दिनांक 10.10.2023 को आयोजित की गयी. जिसमें विद्युत विभाग के छात्र-छात्राएँ सम्मिलित हुये.
- जिला निर्वाचन कार्यालय स्वीप सेल द्वारा राज्य स्तरीय “मतदाता जागरूकता कार्यक्रम” के अंतर्गत नुक्कड़ नाटक प्रतियोगिता दिनांक 16.10.2023 को आयोजित की गयी. जिसमें विद्युत विभाग के छात्र-छात्राओं ने प्रतियोगिता में भाग लिया.



INDUSTRIAL VISIT:

One day technical visit to “220/132 KV Substation, MPPTCL, Nayagaon, Jabalpur” is organized by our department on 25.11.2023. Students find the opportunity to interact with field Experts, Study substation layout and working of various equipments. Shri Hemant Raj Maravi accompanied students. Duty Engineers explained working of substation.



BOARD OF EDITORS:

Smt. A. Pandey, HOD, anjleena.pandey@mp.gov.in

Smt. A. Dixit, Sr. (SG) Lecturer, archana.dixit@mp.gov.in

Shri R. K. Taksande, Lecturer, ravindra.taksande@mp.gov.in

Shri M. A. Khan, Lecturer, mohd.ahfaz.khan@mp.gov.in

Shri H. R. Maravi, Lecturer, hemantraj.maravi@mp.gov.in