

NEWSLETTER

ELECTRICAL ENGINEERING DEPARTMENT
KALANIKETAN POLYTECHNIC COLLEGE, JABALPUR

(An Autonomous Institute declared by Government of Madhya Pradesh)



Vol. - 05, ISSUE - 01, MAY 2022

FROM PRINCIPAL'S DESK:

It is my pleasure to write a few words for new edition of the newsletter, which shows the talents as a part of overall personality development of our students. I feel proud that Electrical Engineering Department



has made outstanding progress. **Dr. R. C. Pandey, Principal** in academic, co-curricular and extra-curricular activities. I congratulate all the contributors for bringing out this newsletter.

HOD MESSAGE:

I am very happy that our department is releasing Vol. - 05, ISSUE - 01, May 2022 issue of newsletter as a pioneer of department activities. We provide a platform to bring out hidden talents of our students. Academic excellence is achieved by our dedicated and well qualified faculty. During the semester we arranged several workshops, expert lectures from industry, sports, games, quiz, competitions for overall development of students. I congratulate our faculty and editors for their great effort to make this issue as a reality.



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 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.

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.

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.

REPUBLIC DAY CELEBRATION:

We celebrated 73rd Republic Day was commemorated with flag hoisting ceremony by Dr. R. C. Pandey, Principal Sir. This was followed by different colorful performances of students to celebrate the occasion. Staff members gave their speech on this occasion.

ESSAY COMPETITION:

Our department organised Essay Writing Competition on "हमारे शहर की स्वच्छता और युवाओं का दायित्व" on 19/02/2022. Student wrote impressive essay on this sensational issue.



SWACHHATA ABHIYAAN PROGRAMME:

• Our department conducted “**Kitchen Waste Home Composting**” Programme on 25/02/2022 under the “**Swachhata Abhiyaan Programme**”. Students got important information regarding disposal of Kitchen waste and they are inspired to do the same at their homes.



• Under “स्वच्छता सर्वेक्षण 2022” an online feedback taken to make Jabalpur city number one in cleanliness.



ANKUR ABHIYAAN:

Our Chief Minister’s Event on MP Portal under “**Ankur Abhiyaan**” for plantation held from 01/03/2022 to 05/03/2022. Our Chief Minister has said that “**Ankur Abhiyaan**” started for plantation with public participation is campaign to save earth, trees and plants not only gives us oxygen but also tree is the source of life for many animals too. Chief Minister motivated the people of the state to plant saplings on their special occasions and in the memory of their family members. Many students take part in plantation and taken oath to nurture them.



AWARENESS PROGRAM:

Under “**Swachhata Abhiyaan 2022**” an awareness programme was held on 09/03/2022. On this day Poster Competition, Race and Painting Competition was held and also training on “**Home Composting**” given by Shri Harbhajan Singh “**Smart City, Jabalpur**”.



POSTER COMPETITION:

On the occasion of Fire safety Week a “**Poster Making Competition**” held on 25/04/2022, to aware the students for fire hazards. Student participated in large numbers and made fabulous posters. In which Abhishek Kushwaha secured 1st, Rishabh Jat secured 2nd and Akanksha Mahobiya secured 3rd position.



ENERGY LITERACY CAMPAIGN:

There is a need for every person to become aware about different forms of energy and analyze what harm is being done to the environment by the energy used by them and how it can be utilized. Hence energy literacy campaign (USHA) has been started by M.P. Government.

To fulfill the requirement our department organized an Energy Literacy Campaign (**USHA MITRA**) on 29/04/2022. This campaign create awareness about Energy Conservation and usage among students. Student became conscious with respect to wastage of Energy.



ONLINE PROGRAMME:

A virtual Programme screening by Honourable Prime Minister was held on “**Madhya Pradesh Startup Policy and its Implementation Scheme 2022**” on 13/05/2022.



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