

# NEWSLETTER

ELECTRICAL ENGINEERING DEPARTMENT  
KALANIKETAN POLYTECHNIC COLLEGE, JABALPUR

(An Autonomous Institute declared by Government of Madhya Pradesh)



Vol. - 03, ISSUE - 01, May 2020

## FROM PRINCIPAL'S DESK:

I am happy to know that Electrical Engineering Department of Kalaniketan Polytechnic College, Jabalpur is bringing out its Vol. - 03, ISSUE - 01 edition of departmental newsletter. I went through the articles published in this Newsletter. They amply demonstrate the communication skills, imagination, creativity and technical competence of the contributors. I wish this attempt all success. Let there be more contributions in coming issues.



Dr. R. C. Pandey, Principal

## HOD MESSAGE:

It is always a pleasure to be a part of a team which strives to bring out the talents of students and staff. The essential purpose of this Newsletter is to inform departmental academic co-curricular and extra-curricular activities of our department. I am sure the department will scale even greater heights in the years to come.



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:

71<sup>st</sup> 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.

## WOMEN'S DAY CELEBRATION:

Our department celebrated the women's day on topic "I am Generation Equality : Realizing Women's Right" on 5<sup>th</sup> March 2020.



## MENTOR-MENTEE MEETINGS:

Mentor mentee meetings are conducted regularly. This enables focus on individual student. He / She is given guidance, counseling and monitoring for overall improvement of student and nurture accordingly.

### WORKSHOP CONDUCTED:

Workshop on “Electrical Appliances” was conducted by Electrical Department on 25<sup>th</sup> February 2020. Shri Vinay Ramje and Keshaw Narnoure was mentor of the workshop.



Workshop on “Disaster Management (आपदा प्रबंधन)” was organized by Electrical Department on 7<sup>th</sup> March 2020 in which team of State disaster response force demonstrated the responsibilities working of protective equipments at the time of various disaster.



### RANGOLI COMPETITION:

Our Department organised a Rangoli Competition on topic “Technical Awareness” on 6<sup>th</sup> March 2020 in which Nishali Ghoshi of V Sem secured 1<sup>st</sup> position, Sadhana Tiwari of III Sem secured II<sup>nd</sup> position and Nisha Patel of III Sem secured III<sup>rd</sup> Position.



### INDUSTRIAL VISIT:

One day visit of Major Transformer Repair Unit, Jabalpur was conducted on 28/02/2020, organized by Shri R. K. Taksande and Shri Hemant Raj Maravi. On duty engineers / staff explained the procedure and working involved in repair of major transformers obtained at MTRU.



### AN AWARENESS PROGRAM ON STARTUP:

“An awareness program on Startup” was conducted on 26<sup>th</sup> February 2020. Shri Agranshu Dwivedi, Incubation Manager of Jabalpur Incubation Center, Udyog Bhawan, Jabalpur was the resource person. Their goal is to help every entrepreneur (and aspiring entrepreneur) connect with the people, places, and events around them. They provide various services like co working space, high speed internet, mentorship, fund raising & networking etc.



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