

NEWSLETTER

ELECTRICAL ENGINEERING DEPARTMENT
KALANIKETAN POLYTECHNIC COLLEGE, JABALPUR

(An Autonomous Institute declared by Government of Madhya Pradesh)



Vol. - 04, ISSUE - 01, May 2021

FROM PRINCIPAL'S DESK:

It is a matter of great pride and satisfaction for Electrical Engg. Department to bring out this Newsletter. I am confident that this issue of Newsletter will send a positive signal to the staff, students, staff holders and persons who are interested in technologies based activities. This Newsletter reflects the picture of all sorts of activities undertaken by department to develop various skills in students. My heartfelt congratulations to staff members and students for their fruitful effort. With Best wishes and well being in future.



Dr. R. C. Pandey, Principal

HOD MESSAGE:

The Department of Electrical Engineering has a team of experienced and motivated faculty members. They are involved in making our students globally competitive. We provide our students not only academic knowledge but also train them to face challenges in future. We also provide many value added courses which enhance their career such as interaction among students, parents and staff. I wish them all success.



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):

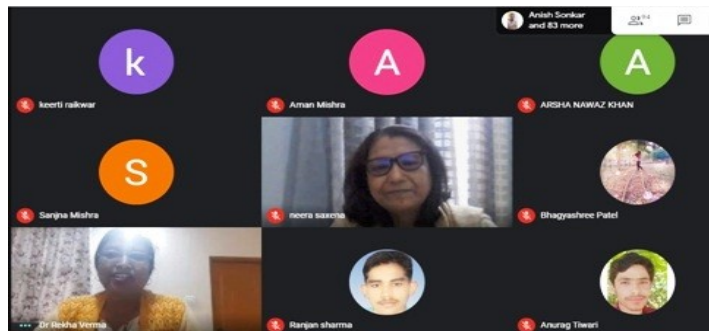
1. **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
2. **Problem analysis:** Identify and analyse well-defined engineering problems using codified standard methods.
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 72nd 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.

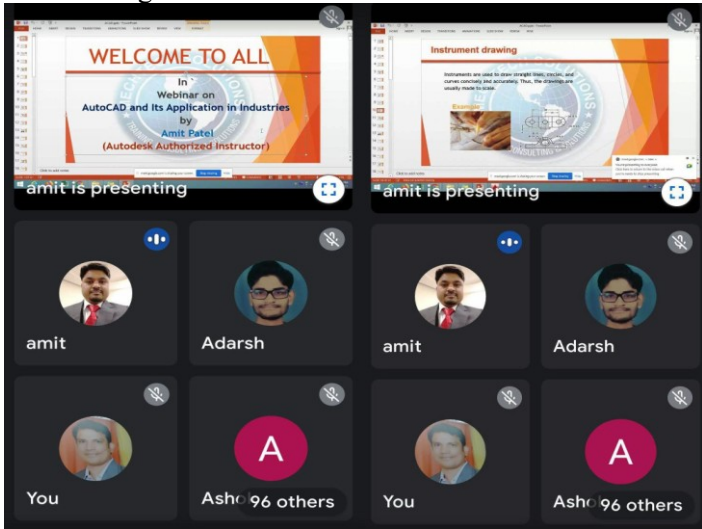
EXPERT LECTURE:

- Online Expert Lecture was organised on “**Effective Communication Skills**” on 16/02/2021. Students were given input regarding importance of good communication for growth in career. It also helps to build relationships, teamwork and trust.



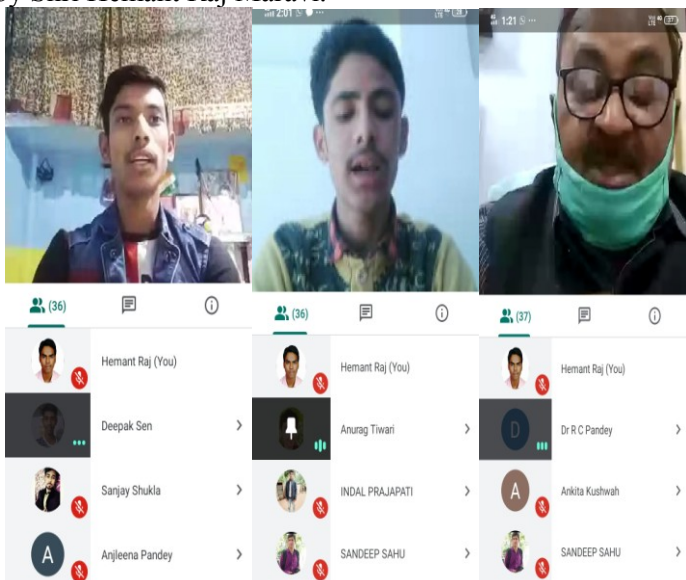
INTER POLYTECHNIC PROGRAM:

It's our privilege to organize inter polytechnic college online expert lecture on “**Application of AutoCAD in Electrical Engineering**” on 01/06/2021. Senior faculty members and students of Shri Vaishnav Polytechnic College, Indore and Kalaniketan Polytechnic College, Jabalpur were present during program. Resource person was industry expert, Shri Amit Patel, Director, Mech. Tech. Solution, Jabalpur. Students learnt how to create 2D drawing and also experience enhance automation and curated insights with the latest release of AutoCAD.



SPEECH COMPETITION:

Benefits of speech and debate are plentiful, including improved confidence, written and oral communication skill and critical thinking skills, Speech competition also enhances Public speaking and Leadership skill also. Therefore Online Speech Competition on “**गांधी जी के विचार**” held on 13/02/2021 which was coordinated by Shri Hemant Raj Maravi.



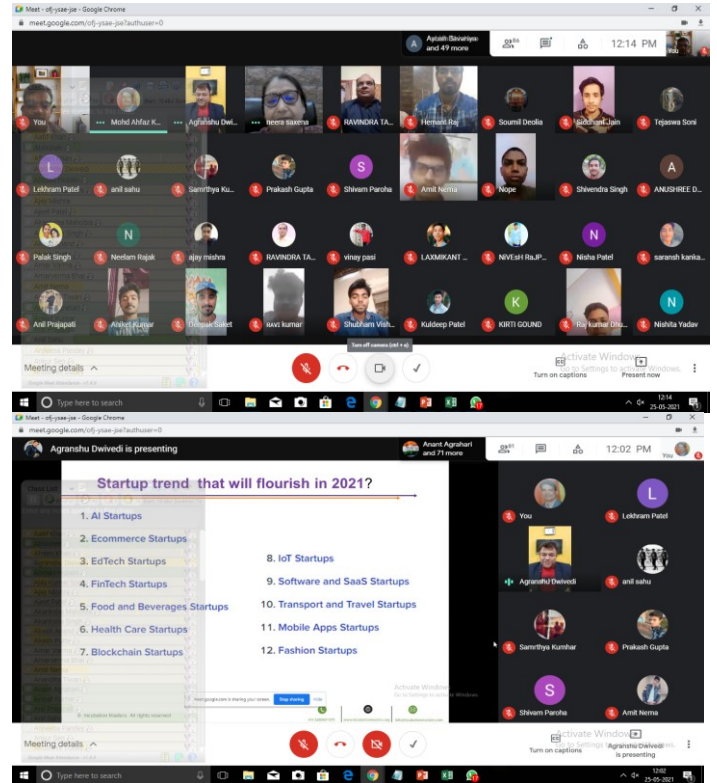
ONLINE ESSAY COMPETITION:

On the occasion of Women day, Online Essay Writing Competition held on the topic “**Choose to Challenge**” on 08/03/2021. Online Essay Writing Competition session was concluded by judges, they inspired girls/women that in today’s scenario, many women are still facing the issues like gender discrimination, sexual abuse and harassment, education, child marriage But today’s women continue to fight against all challenges and

are winning the battle. Conclusion is “The greater the obstacle, the more glory in overcoming it”. It may take time but, if you stay committed to moving forward, you will be able to conquer any obstacle in your path.

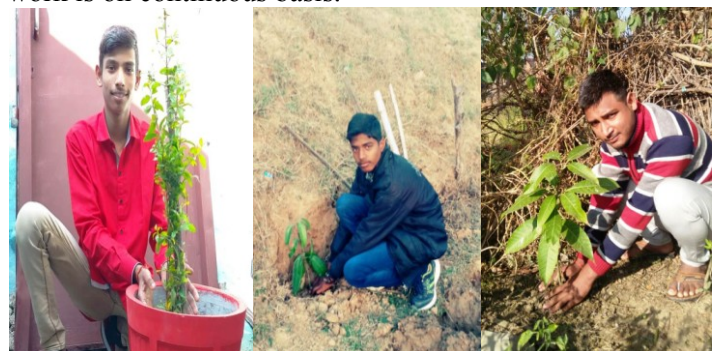
ONLINE WEBINAR:

An Online Webinar organized on “**Why to do Start-up and latest trends in Start-up industry**” on 25/05/2021 by Shri Agranshu Dwivedi, Incubation Manager of Jabalpur Incubation Center, Udyog Bhawan, Jabalpur. Students learnt incubation centre is a space for new age entrepreneurs and young minds to transform their innovative ideas into variable business propositions. Experts gave their valuable advice on the current Start-up culture and its future trends.



TREE PLANTATION:

Online session is conducted to teach importance of Tree Plantation, which is one of the most environmental friendly activities. They are inspired to do plantation properly to gain numerous long-term and short term benefits, Most of them participated in plantation and this work is on continuous basis.



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