

**DIRECTOR'S DESK**



**Hon. Achyut Sawantbhonsale**  
Executive Chairman, SYBES

I am pleased to know that our Electrical Department is coming with its News letter 'Jyotirgamaya' As we know that we are going through a very crucial time of COVID 19. This pandemic has changed the scenario of whole life. The education is the most affected field due to this pandemic. Though the traditional way of education changed a lot, we don't want to stop teaching-learning process. Online education has changed the whole scenario of this system. Online education has helped a lot to keep the students updated and knowledgeable. In such situation teachers are trying their best to keep students updated and knowledgeable. They are conducting various online activities to fulfill their aim. So I appreciate the efforts done by them.

So this Newsletter focusing on all the activities which have been done through online will give us the clear idea about all happenings. On this Occasion, I congratulate all team members for bringing this newsletter. I am sure that we will get good response from our students and stakeholders. ★★★

**Editorial Committee**

**Editor in Chief**

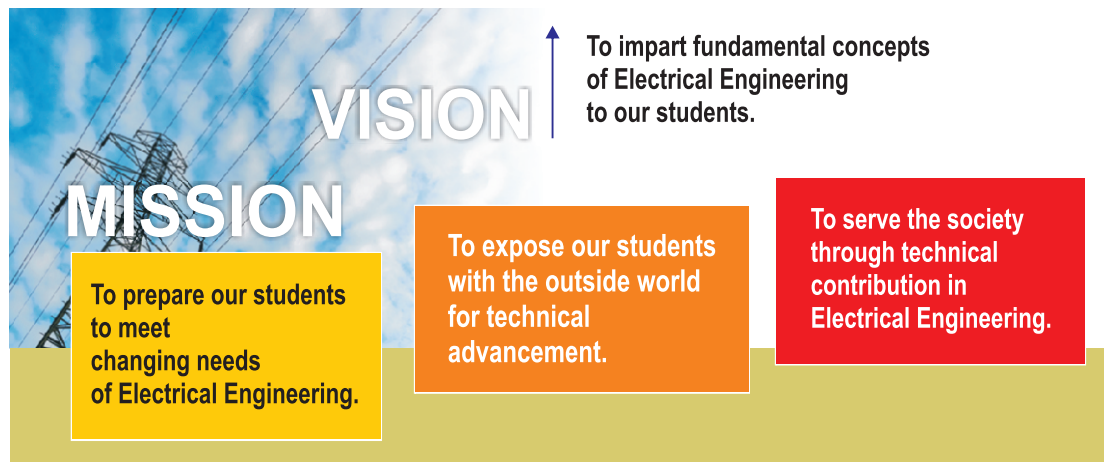
Mr. G. A. Bhosale (Principal)

**Co-Ordinator**

Mrs. Nehal N. Sandye (Lecturer)

**Departmental Faculty Member**

Mr. S.N. Nirmalkar (Lecturer)



**VISION** ↑ To impart fundamental concepts of Electrical Engineering to our students.

**MISSION**

- To prepare our students to meet changing needs of Electrical Engineering.
- To expose our students with the outside world for technical advancement.
- To serve the society through technical contribution in Electrical Engineering.

**Webinar on Industrial Illumination systems**

On 13th October 2021, Electrical Department of Yashwantrao Bhonsale Polytechnic, Sawantwadi conducted a webinar on 'Industrial Illumination Systems'. Prof. Mahesh Kamble from Sanjay Bhokare Group of Institutes, Miraj, Sangli was the resource person. He is an Assistant Professor at Sanjay Bhokare Group of Institutes, Miraj. Ms.T.R.Shenai welcomed the guest speaker and further session was carried out by Mr.Kamble. He started this session with basic concepts of Illumination systems like Luminaire, Candela Power, Luminous flux, Light intensity, Plane angle, solid angle etc. He focused on Illumination for Interior as well as Industrial applications by giving real life examples which will help our students in their academics as well as in their professional life. The overall session was very informative and interactive. Many students asked their doubts, queries regarding this session and the speaker cleared all queries. A round 66 students from SY and TY of Electrical Department attended this webinar.

**HOD'S DESK**



**D.D.Patil**  
HOD,  
Electrical Dept.

I am very excited to know that Electrical Department is coming with its new vol. of a News letter 'Jyotirgamaya.' As we know that COVID -19 pandemic has taught us many lessons. For the students and the teaching faculty this period has turned out to be very crucial experience. Usages and adoption of technology helped to gain knowledge. With the arrival of COVID 19, the need of online education came to its front. Online platforms like zoom, youtube, moodle, google class room became very important in delivering lectures and giving knowledge. So this Newsletter focuses on the online activities which were conducted during and later the lockdown period. We are sure that we will get the good response from the readers. ★★★

## Teacher's Day Celebration at Yashwantrao Bhonsale Polytechnic (Common for all branches)

Yashwantrao Bhonsale Polytechnic, Sawantwadi celebrated National Teacher's Day on 5th September 2021 in. On this occasion YBP Principal, Mr. G. A. Bhosale, HOD of Computer Department, Mr. P. D. Kate, HOD of Civil Department, Mr. P. P. Sawant, NSS Coordinator Mr. M. T. Patil, Mr. B. M. Patil, Mr. Rahul Patil and other staff from other departments were present. Our Principal Mr. G.A. Bhosale shared his valuable guidance for the teachers and program ended with the vote of thanks. In the context of National Teacher's Day, we conducted Online Quiz for all students and the response for the quiz was outstanding along with 245 entries ; This shows the respect in the hearts of the participants for their teachers which shape their future.

## FACULTY TRAININGS

Various Training attended by faculties from Electrical Department. Mr.B.M.Patil, Ms.T.R.Shenai and Ms.S.N.Hewalekar from Electrical Department attended the FDP on Renewable Energy Conversion and Management from 27 January to 30 January. Also all faculties from Electrical Department attended various online FDP organized by ATAL Academy on different topics like Artificial Intelligence, Electrical Vehicle Engineering, Electrical Vehicles during 25 October 2021 to 29 October 2021 through online mode.

### Online Webinar on Government Opportunities after Diploma

Electrical Department of Yashwantrao Bhonsale Polytechnic organized 2 hour online webinar for second and third year Electrical Engineering students.

Ms.Shruti Hewalekar opened the session. She welcomed all. She explained the overall idea about the program.

For this 2-hour seminar along with chief guest, Electrical HOD Mr. D. D. Patil, and other faculty member were present. Ms. Shruti Hewalekar welcomed all. She gave introduction of guest and explained the objective of seminar. Principal Mr. G. A. Bhosale gave welcome message.

Ms. Shweta Chorage delivered her speech in simple language. She showed various ppt. She started with the more details about the energy crises. Further, she explained the

today's power generation scenario in Maharashtra. She also made emphasis on use of green energy as today, Maharashtra depends more on thermal power plant and coal. She also insisted on importance of energy conservation. She also covered renewable energy sources like solar, wind and other. At the end of the session, she explained career opportunities for the engineering students in Maharashtra state power generation company limited.

She shared her experience. She also gave the tips about right attitude of the students.

Students asked some questions about energy conservation, career opportunities for the engineering students in MSEDCL. Ms. Shweta Chorage gave satisfying answer to each question.

Ms. Shruti Hewalekar delivered vote of thanks.

### SUMMER 2021 RESULT : TOPPERS

#### FY EE



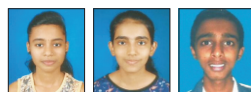
Pawaskar Ketan 88.86%  
Manjarekar Baliram Shrikrishna 88.29%  
Kvitkar Vivek Madhukar 80.71%

#### SY EE



Ambekar Swaraj Nilesh 90.37%  
Barve Hrishikesh Govind 89.1%  
Sangelkar Suyash Suryakant 82.48%

#### TY EE



Devrukhikar Purva Sandeep 92.42%  
Gawas Pranjali Vilas 89.69%  
Narvekar Shantaram Vinod 85.08%

## Research Papers Publication



Mr. Balasaheb M. Patil presented and published his research paper entitled Review of Wireless Power Transfer for EV with advancement in design in IEEE Fifth International Conference on Electrical, Electronics Communication, Computer Technologies and Optimization Techniques (ICEECOT -2021) on 10 December 2021



Miss. Teja R. Shenai published her research paper entitled Implementation of Nine level cascaded H Bridge Inverter in International Research Journal of Engineering and Technology in June 2021

### Webinar On 'Energy Conservation'

On 14th Dec. 2021, Department of Electrical Engineering successfully conducted free webinar on Energy Conservation. Mr. Jitendrakumar Rathour (Additional Executive Engineer, MSEDCL, TRD Nashik) was the speaker.

Mr. Rathour explained many opportunities for building advanced technologies in non-conventional energy sources, its advantages, and sustainable options of future energy and various opportunities for Energy Conservation and importance of Energy Conservation.

Webinar was for all students of SY and TY Electrical students and faculties. It was conducted through online platform i.e. Microsoft team. Around 96 students and faculties have attended the webinar. It was very nice and fruitful event for students as well as faculties. Electrical HOD Mr. D. D. Patil took the efforts to make this webinar successful.