

**DIRECTOR'S DESK**



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

Dear parents & students, a sparkling new academic year to all of you. As a part of the Bhonsale Knowledge City family, I believe that in this New Year, we all together would come forward to complete our commitments with more enthusiasm, extra efforts & determination. We should demonstrate our exemplary achievements throughout the semesters to come.

I am glad that Electrical Department is bringing out its seventh issue of

'Jyotirgamaya'. This will provide you an inside story of the departmental activities. I would like to give my best wishes to all the editorial board members, staff members and students for making 'Jyotirgamaya' interesting and more informative. ★★★

**Editorial Committee**

**Editor in Chief**

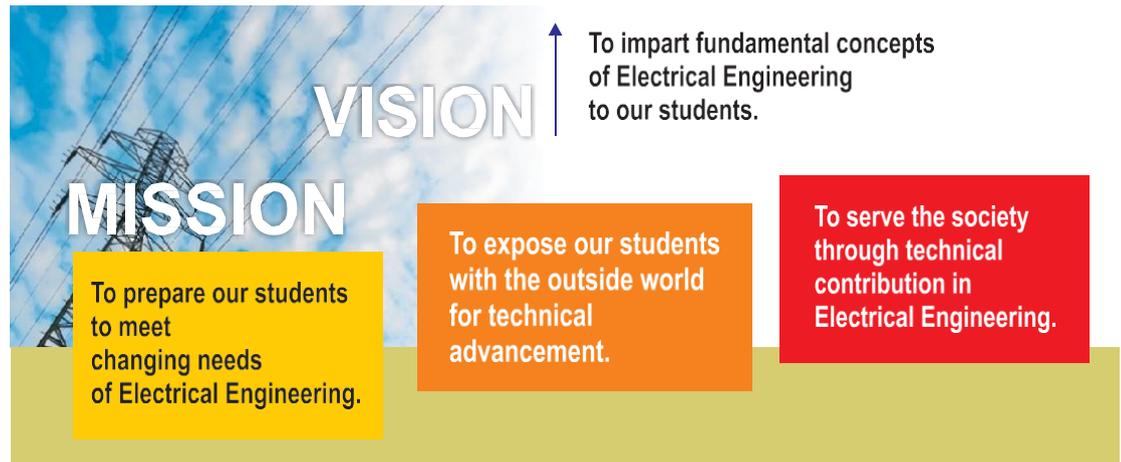
Mr. G. A. Bhosale (Principal)

**Co-Ordinator**

Mrs. Nehal N. Sandye (Lecturer)

**Departmental Faculty Member**

Ms. S.N.Hewalekar (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.

**Expert Lecture on Career Readiness Program**



Electrical Department of Yashwantrao Bhonsale Polytechnic, Sawantwadi successfully conducted an expert lecture on Career Readiness Program on 15th October 2022. Mr. Prakash Gothankar was the speaker on this occasion. Having more than 16 years experience in career education, he worked in various MNC for 14 years and performed the roles of Trainer as well as of supporter in various fields like Training, Technical Support, sales service management, operations management product quality management. He decided to use his experience to help a newer generations pursuing engineering field ; a solid foundation for making solid start to career in the 21st century.

Hon.Prin. G. A. Bhosale welcomed the speaker and guided the students. Speaker guided our students on various topics like technocrats on 21st career readiness, importance of SOT analysis, time management, and interview preparation, importance of diploma in technical field, latest technology in industry, changing dimension of career opportunities for engineers, highly essential skills to learn for every engineering student, ocean of new age career opportunities, understanding the expectation of various companies to crack 1st job interview. Heads of the all departments were present. Mr. D.D.Patil provided all the guidance and program was Successfully coordinated by Ms. S. N.Hewalekar.

**HOD DESK**



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

Welcome and best wishes to all the stakeholders of the Electrical Department It gives me a great opportunity to present the seventh issue of 'Jyotirgamaya' It has been an

interesting and busy semester for the members of the department. The past semester was full of various activities by the students and faculty in academic, co-curricular and extra-curricular activities. Curricular and extra-curricular activities will give the outlet to students' talent. Newsletter brings forth this hidden talent of students.

As you read through the pages, you will realize that the department had a particularly very successful semester. I would like to thank all my colleagues for their tireless efforts to help the department progress at a very steady pace. ★★★



## Industrial Visit at Mauli Enterprises, Kudal

Electrical Department of Yashwantrao Bhonsale Polytechnic, Sawantwadi successfully arranged an Industrial Visit to Mauli Enterprises, Kudal on 8th October 2022. Mauli Enterprises is a company where various types of motor windings are done. During the visit, students were guided by company owner, Mr. N.D.Wargaonkar, where students observed actual winding process of

motor winding, testing of motor winding, process flow of machine designing, insulation used in motor, construction of rotor stator. Employees from Mauli Enterprises showed various aspects of company during the visit. Students raised many doubts during the entire visit. The entire visit was successfully organized by the faculty members Mr. H.A.Pawar and Ms. S.N.Hewalekar.



## Industrial Visit at L.R. Enterprise, Kudal

On 8th Oct 2022, students from SY Electrical Engineering, visited L R enterprise at, Kudal which is leading manufacturer of oil cooled distribution transformer, isolation transformer, current transformer, control transformer and also provides transformer repairing and maintenance services in Sindhudurg district. During the visit, students were very well guided by company CEO, Mr. Somdutt Rawool, where students observed actual assembly, repairing and maintenance work of transformer. Students raised many doubts during the entire visit. The entire visit was successfully organized by the faculty members Ms. T.R.Shenai and Mr. S.N.Nirmalkar.

## Alumni Interaction in Electrical Department



Our Alumni candidate Prathamesh Parab from 2021-22 batch interacted with Third year Electrical Engineering students. Prathamesh is currently working with R&D cell of Bajaj.

He shared his experiences during technical academic journey, importance of diploma, final year project, job selection process of Bajaj, requirements of new course like ECAD, PCB designing etc. Also, he motivated students for their future journey.

## SUMMER 2022 RESULT : TOPPERS

FY EE			SY EE			TY EE		
<b>POOJA LAMBAR</b> 84.38%	<b>KARISHMA RAWOOL</b> 75.00%	<b>SANKET SUTAR</b> 70.88%	<b>CHANDRAKANT BHALEKAR</b> 82.47%	<b>VIVEK KAVITTKAR</b> 81.30%	<b>KETAN PAWASKAR</b> 81.15%	<b>HRISHIKESH BARVE</b> 91.72%	<b>PALLAVI SAPALE</b> 86.56%	<b>SWARAJ AMEKAR</b> 85.07%

## Expert Lecture on Energy Conservation and Audit

Electrical Department of Yashwantrao Bhonsale Polytechnic, Sawantwadi conducted an expert lecture on Energy Conservation and Audit on 28th August 2022. Prof Mr. Kedar L. Gaikwad from D.Y.Patil college of Engineering and Polytechnic, Kolhapur was the resource person. During his career, he attended trainings, workshops, national and

different engineering topics.

He also published research papers in different journals.

Mr. D.D Patil (HOD) welcomed the guest speaker and further session was carried out by Gaikwad. He started the session with basic concepts like: need of energy conservation, importance of energy conservation, different methods of energy conservation, cogeneration system etc. Also he explained energy audit, importance of energy audit different instruments used in energy audit career opportunities in energy audit. This lecture was successfully coordinated

different engineering topics. He also published research papers in different journals. Mr. D.D Patil (HOD) welcomed the guest speaker and further session was carried out by Gaikwad. He started the session with basic concepts like: need of energy conservation, importance of energy conservation, different methods of energy conservation, cogeneration system etc. Also he explained energy audit, importance of energy audit different instruments used in energy audit career opportunities in energy audit. This lecture was successfully coordinated

## Tribute to Sir M. Visvesvaraya on the Occasion of Engineer's Day

Electrical Department of Yashwantrao Bhonsale Polytechnic, Sawantwadi successfully conducted a Calci War, Safety Poster Presentation, EESA logo design competition on the Engineer's Day. Hon. Prin. of YBP, Mr. G. A. Bhosale HOD of Electrical Department Mr. D. D. Patil along with all departmental faculty were present for the inauguration ceremony. An



inauguration of EESA logo design competition, Safety Poster presentation was done at

Mr. G. A. Bhosale. Guests were welcomed and felicitated by Mr. D. D. Patil. EESA president Chandrakant Bhalekar delivered the welcome speech. Mr. A.G.Prabhu, FY coordinator was the judge for EESA logo competition. Also, YBP principal Mr. G. A. Bhosale inaugurated Calci War competition for students of organized & conducted by Ms. S TYEE, SYEE. Winners were N Hewalekar and Mr. H. A. also awarded by Electrical Pawar.

Department HOD, Mr. D. D. Patil. All the winners of competition were awarded with certificates medals as a token of appreciation. Winners Name : Calci war 1. Saurabh Sawant (SYEE) 2. Rajaram Desai - (TYEE) EESA Logo - Rajaram Desai - (TYEE) Both these events were successfully organized & conducted by Ms. S TYEE, SYEE. Winners were N Hewalekar and Mr. H. A. also awarded by Electrical Pawar.

## Student corner

# Indian Electric Vehicle



Mr. Hrushikesh Barve (TYEE)

India's Electric Vehicle (EV) sector is experiencing rapid growth, fuelled by government incentives, rising environmental concerns, and technological advancements. With initiatives like the Faster Adoption and Manufacturing of Hybrid and Electric Vehicles (FAME) scheme, India aims to significantly increase EV adoption, revolutionizing its transportation landscape towards sustainability and innovation.

India has established an objective to elevate the proportion of Electric Vehicle (EV) sales to 30% in private cars, 70% in commercial vehicles, 40% in buses, and 80% in two-wheelers and three-wheelers by the year 2030. This equates to an ambitious objective of 80 million EVs on Indian roads by 2030. Additionally, India strives for complete domestic EV production through the 'Make in India' initiative.

### Current Electric Vehicle(EV) Scenario in India

Segment-wise sale of Electric Vehicles in India in H1 FY2022

