

**DIRECTOR'S DESK**



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

I am very happy to know that Electrical Department is coming with its another issue of a Newsletter 'Jyotirgamaya' for the academic Year 2023-24. Today, the role of the institute is not only to pursue the academic excellence but also to nurture the holistic development in them. I appreciate the efforts taken by the department for the overall development of students. On our part, we are always trying to provide the best to our students. Definitely our future engineers will shine in all fields. I congratulate the team of Newsletter for taking the efforts and I wish good luck to all. ★★★

**Editorial Committee**

**Editor in Chief**

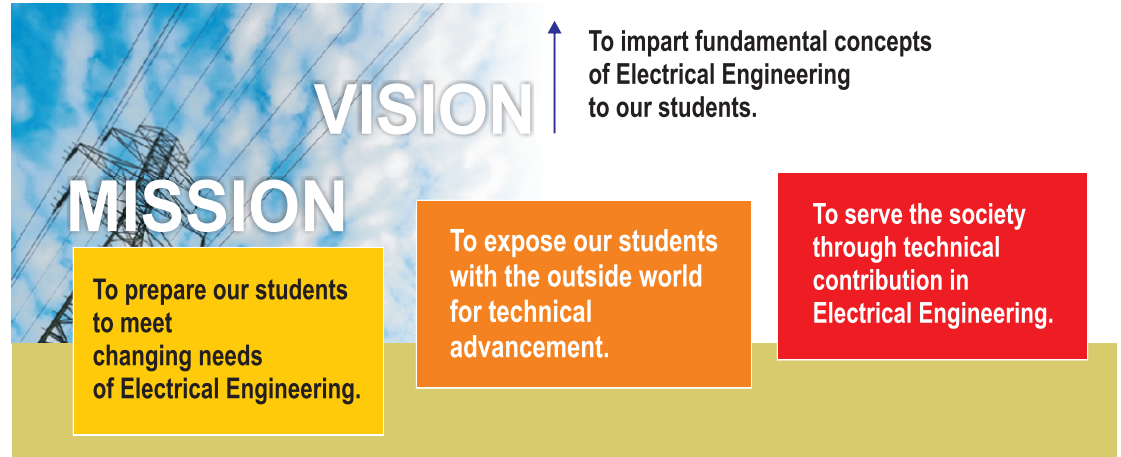
Mr. G. A. Bhosale (Vice Principal)

**Co-Ordinator**

Mrs. Nehal N. Sandye (Lecturer)

**Departmental Faculty Member**

Miss. T.R.Shenai (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.

**Department of Electrical Engineering organized an expert lecture on PLC, SCADA & Role of Engineers in Industrial Automation.**



On 9th January 2024, Department of Electrical Engineering organized an expert lecture on PLC, SCADA and Role of Engineers in Industrial Automation for students from Electrical Engineering, Mechanical Engineering and Mechatronics Engineering.

Mr. Vivek Vishnu Sardal, Regional Manager from Prolific System Tech Pvt.Ltd,Pune was the resource person of today's session. Prolific company is leading company in Automation sector and more than 350 tie-ups for placement. Prolific company is providing turn key Automation solution also conducts training in Automation, Electrical Embedded System.For above said session, Mr. D.D. Patil, HOD Electrical Engineering, Mr. M.R.Desai,TPO Head, Mr. A.J.Rane, HOD Mechanical Department and faculties from EE, ME MK Department were present. Anchoring was done by Ms. S N. Hewalekar. Whole session was successfully organised by faculties from Electrical Department.

**HOD'S DESK**



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

I am delighted to extend my warmest congratulations to everyone associated with the Electrical Department on the successful publication of the latest edition of the 'Jyotirgamaya' newsletter. The Jyotirgamaya newsletter is an excellent platform for showcasing the outstanding achievements, innovative research, and noteworthy activities of our department's faculty members, students. This year has been a challenging one for all of us. However, the determination, resilience, and hard work displayed by our team have been truly commendable. I would like to take this opportunity to congratulate the editorial team for their outstanding efforts in bringing this newsletter to fruition. Let us continue to work together to achieve our goals and objectives ★★★

## Three days faculty development program on National Education Policy 2020



Yashwantrao Bhonsale Institute of Technology, Sawantwadi (Diploma Wing) Successfully completed ISTE sponsored self-financed three days faculty development program on **National Education Policy 2020 challenges and opportunities** between 28/12/2023 to 30/12/2023. Hon. Sanjeev Desai sir, secretary, SYBES Sawantwadi was the Chief Guest, Hon. Raman R. Bane, Principal of YBIT, Sawantwadi and Hon. Gajanan A. Bhosale, Vice-Principal of YBIT, Sawantwadi was the Guest of honor of program of the inaugural function of the ISTE sponsored Self-financed three days online FDP on National Educational Policy 2020 challenges opportunities and Mr. Deepak D. Patil, Program Convener and Mr. Prasad P. Sawant, Program Coordinator, was present in ceremony. All the participants along with invited Resource Faculties and guest were also present during the inauguration of FDP. As per the Indian tradition, the FDP was inaugurated with lighting of the lamp and Saraswati Vandana. Mr. Deepak D. Patil, Head of Electrical Engineering and Convener had welcomed the all

delegates, resource faculties and participants. The Co-ordinator had briefed about the FDP. He explained various objectives of the program. Mr. Gajanan A. Bhosale Vice-Principal had given brief outline of program and requested to all participants to enrich their knowledge from this FDP and inculcate among the students. Hon. Sanjeev Desai sir, Chief Guest of program had congratulated and gives best wishes to all Departments organizing such a program which indirectly benefits to society. For the valedictory ceremony, Guest of honour Hon. Mrs. Sunetra Phatak madam (Administrative Coordinator of SYBES) was present, Vice-Principal, Mr. G. A. Bhosale sir also guided the audience and congratulated the organising team for the successful Completion of same program. For this FDP, YBIT got a great response from various engineering and polytechnic colleges (Total 127 participants) from Maharashtra. In the valedictory function participants as well as

## Industrial visit to RYB Electrical, Shirol MIDC, Kolhapur



On date 20 January 2024, students from second year Electrical Engineering went for Industrial Visit to RYB Electrical, Shirol MIDC, Kolhapur. Students observed various manufacturing activities, Panel manufacturing, to observe HT and LT Termination and Panel Erection, Internal and External Wiring, Various type of Panel Wiring Machine Starter panel during the entire visit. -Iso, Student experiential the manufacturing activities, Panel manufacturing, HT and LT Termination and Panel Erection, Internal and External Wiring, Various type of Panel Wiring AC Machine Starter panel in the industry. Students were mentored and guided by Mr. Phalle Sir and other staff members on various aspects of the industry. This visit was very much helpful for their academics as well as doing micro project work. This data and relative information are additional knowledge for our students. For this visit all students from SY EE were present. The entire visit was successfully organized and conducted by faculty members Mr. S.N.Nirmalkar, Mr. S.S.Ghadigaonkar.

## Industrial visit to Power Engineers, Kolhapur



On 20th January 2024, Department of Electrical Engineering from Yashwantrao Bhonsale Polytechnic, Sawantwadi organized visit to Power Engineering. Mr. Aamle sir, Head of Quality Control of Power Engineering was the resource person. Aamle sir has more than 20 years' experience in quality control as well as good Industrial experience in production. The industry welcomed our students with joy enthusiasm; every floor employee was willing to contribute in students' knowledge gaining session.

The session was started smoothly. At the starting sir has started with basics in transformer design and then focused on modern techniques used in it. During the session, resource person gave real life examples based on transformer testing. He also focused on different types of transformer types and difference between them and discussed recent advancements in transformer core. Throughout the session, students raised some queries and successfully cleared by Mr. Aamle sir.

Whole session was informative and interactive. The program was concluded by vote of thanks towards resource person. The overall visit was successfully organized and conducted by Mr. D D Patil, Mr. H A Pawar, Mr. S S Ghadigaonkar Ms. N N Rawool.

We, the faculties from Electrical Department of Yashwantrao Bhonsale Institute of Technology, Sawantwadi are thankful to our Principal, Dr. Raman Bane, Vice Principal Mr. G. A. Bhosale, Head of the department Mr. D.D. Patil for continuous guidance for successful organization of Industrial visit.

## SUMMER 2023 RESULT : TOPPERS

### FY EE



### SY EE



### TY EE



## Electrical Department successfully organized MSBTE sponsored State Level Technical Paper Presentation.



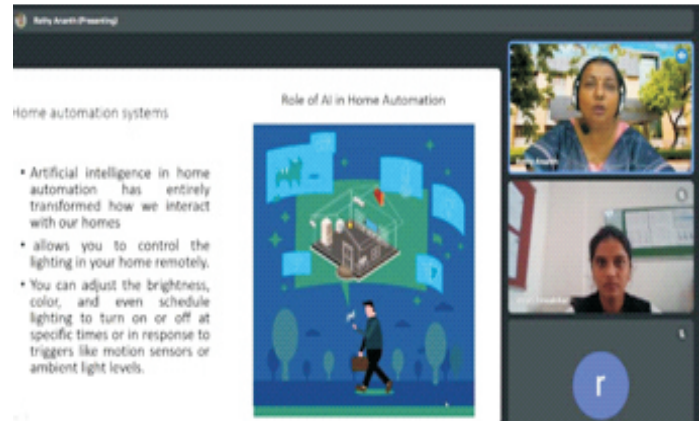
On 30th January 2024, The Department of Electrical Engineering organized MSBTE sponsored State Level Technical Paper Presentation Competition for Mumbai region. The inauguration ceremony was graced by the presence of Mrs. Sunetra Fatak, Administrative coordinator, Dr. Raman Bane, Principal YBIT, Jury members Mr. Dipak Khobragade, Assistant Engineer (MSEDCL, Sawantwadi), Mr. Onkar Marathe, Assistant Professor, SSPM<sup>2</sup> college of Engineering, Ms. S.N.Hewalekar, Lecturer, EE Department, Mr. Satyajit Sathe, Principal, Yashwantrao Bhonsale college of D-pharmacy. For this event Mr. P.P.Sawant (HOD CE), Mr. A.J.Rane (HOD ME) and all the faculty members from EE department were present. Mr. D.D.Patil, Program coordinator gave brief description of competition. Dr. Raman Bane, Principal, Yashwantrao Bhonsale Institute of Technology guided all participants for the competition. On this occasion administrative co-ordinator,

Mrs. Sunetra Fatak madam gave wishes to all participants for the competition. Total 10 groups participated in this competition from various Institutes in Mumbai Region. For this competition Mr. Onkar Marathe, Assistant Professor, Mr. Dipak Khobragade, Assistant Engineer, MSEDCL Mr. S.N.Hewalekar, Lecturer invited as a Jury members. The first prize of this competition was awarded to Mr. Prathamesh Satam Mr. Lalitya Salgaonkar from GPM, The second prize of this competition was awarded to Ms. Pooja Lambar Mr. Sanket Sutar from YBIT and consolation prize was awarded to Mr. Yash Rathod Mr. Vedant Raipure from Pravin Patil college Diploma Engg Technology, Mumbai.

The anchoring of whole program is done by Ms. T.R.Shenai, Program co-ordinator. All the faculty members of Electrical Department took sincere efforts for the successful conduction of program under the guidance of Program chief-coordinator Mr. G.A.Bhosale sir.

### Faculties from Electrical Engineering Department attended FDP

Ms. T.R.Shenai Ms. S.N.Hewalekar, faculties from Electrical Department attended One week FDP on Electrical Vehicles organised by Sanjay Bhokare Group of Institutes, Miraj on 15th January to 20th January 2024 by online Mode. More than 50 faculties from various Institutes attended this Faculty Development Program by online mode.



## Electrical Department organized guest Lecture on Role of AI in Electrical Engineering

Electrical Department of Yashwantrao Bhonsale Institute of Technology, Sawantwadi has successfully conducted an expert lecture on Role of AI in Electrical Engineering. Dr.G.A.Rathy madam has more than 25 year experiences in career education. After having worked in various MNCs for about 14+ years in various roles of Training, Technical Support, After sales service management, Operations management Product Quality Management. She decided to use her experience to help newer generations pursuing engineering build a solid foundation for making solid start to career in the 21st century. Speaker guided our students on various topic like importance of AI in electrical engineering and need of AI, machine learning process in different sectors, opportunities after diploma AI sectors, AI in robotics and automation, Role of AI in home automation and application of AI in electrical industry. The overall session was very informative and interactive. Many students asked their doubts, queries regarding this session and madam have cleared everyone's queries. All third-year students of Electrical Engineering have attended this session. We, the faculties from Electrical Department of Yashwantrao Bhonsale Institute of Technology, Sawantwadi are thankful to our Hon. Vice Principal G. A. Bhosale sir, Head of the Department, Mr. D. D. Patil for continuous guidance for successful conduction of this event. The feedback responses of the students related to the event were recorded and analysed. This was a very much beneficial program for all the participants from Electrical Department of Yashwantrao Bhonsale Institute of Technology, Sawantwadi.