Jyotirgamaya
Enlighting Lives

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YASHWANTRAO BHONSALE
INSTITUTE OF TECHNOLOGY
NEWSLETTER
Electrical Engineering Department

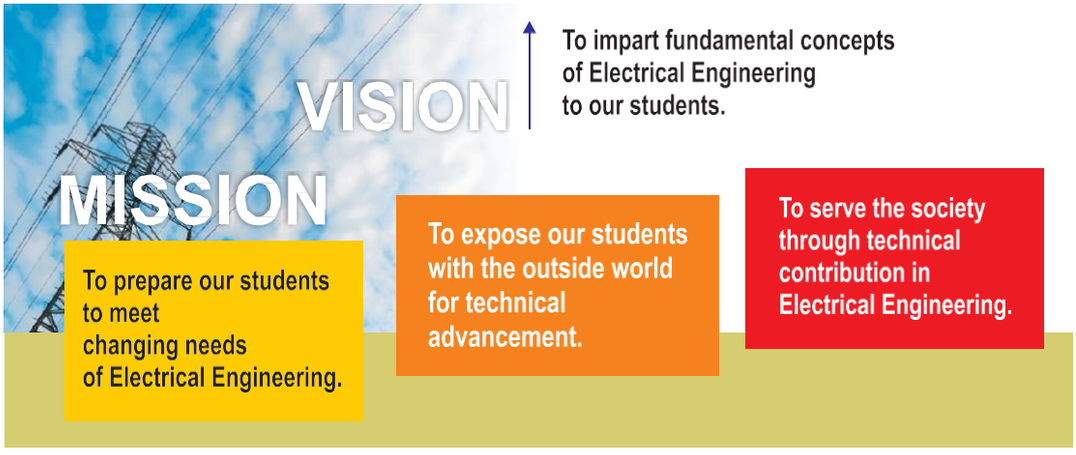
VOL : V MAY 2026

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 2025-26. 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 overalldevelopment 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. ★★★



Industrial Visit to Shri Dudhganga – Vedganga Sahkari Sakhar Karkhana Bidri



The Department of Electrical Engineering visit for TYEE class at **Dudhganga** Vedganga Shetkari Sahkari Karkhana Bidri Kolhapur on 24 th of January 2026.During the visit students were guided by Plant Manager Mr. Mirji Sir amp; Engineer Mr. Baba Warake Sir. The main Objectives of this visit were To understand the production of electricity by cogeneration plant it types To study and observe the various types of drives , boilers , turbines,power transformer along with their working. The visit was successfully organized and conducted by Mr.S.N.Nirmalkar sir, Mr.P.M.Londhe sir along with Mrs.Sawant mam.

HOD'S DESK



Mr. H.A.Pawar
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 ★★★

Editorial Committee

Editor in Chief
Mr. G. A. Bhosale (Vice Principal)

Co-Ordinator
Mrs. Nehal N. Sandye (Lecturer)

Departmental Faculty Member
Miss. N.S.Malkar (Lecturer)

Industrial visit at ACGL HONDA , GOA

The Department of Electrical Engineering organized a field visit for SYEE class at ACGL AT Buimal HONDA GOA on 21 th of Feb 2026.During the visit students were guided by Plant Manager Mr.Nilesh sir . The main Objectives of Industrial Visit to Honda - ACGL Plant, Buimpal, Goa 1. To understand the practical working environment of the automobile manufacturing industry.2. To study the production process and assembly line system. 3. To observe modern manufacturing techniques such as automation, robotics, and quality control systems.4. To understand the maintenance practices followed in industrial plants.5. To gain knowledge about electrical systems, motors, control panels, and safety standards used in the plant.6. To study industrial safety measures and workplace discipline. 7. To interact with industry professionals and understand career opportunities in the automobile sector. The visit was successfully organized and conducted by Mr.S.S.Ghadigaonkar along with Ms. T R Shenai ,Mr. S N Nirmalkar and Ms. N N Rawool



SUMMER 2023 RESULT : TOPPERS

SY EE



Sanika Lambar 87.64%
Aryan Dhond 85.11%
Tanushre Kumbha 85.6%

TY EE



Paras Mestry 91.28%
Namita Morjkar 88.17%
Jayram Sapale 87.78

We are delighted to announce that Ms.T.R.Shenai, Mr. S.S.Ghadigaonkar and Mr. P.M.Londhe from Electrical Engineering Department of Yashwantrao Bhonsale Institute of Technology Sawantwadi (Diploma Wing), successfully completed and cleared the exam of Swayam Course on Recent Advances in Transmission Insulators.







Building Experties Through NPTL

Parents-teacher meeting for SY EE students



Yashwantrao Bhonsale Institute of Technology, Sawantwadi (Polytechnic Wing) organised Parent- Teacher Meet of all departments on 14 feb 2026. We organise parents meet every semester to share the progress of each department with the parents and to address the concerns of the parents.

For this meet all departments HOD, all teaching and non teaching staff members total 702 Parents. Desai sir informed the parents about the different job opportunities and various TPO. G. A. Bhosale sir informed the parents about the MSBTE academic calendar for the current semester and the efforts taken by the institute for improving the performance of our students shared with the parents the details of different activities organised by YBIT and campus discipline Event anchoring and Vote of Thanks was done by Mr. A. G. Prabhu sir.

IoT-Based Monitoring of Electrical Power Systems

The Internet of Things (IoT) is transforming the way electrical power systems are monitored and managed. IoT-based monitoring enables real-time collection, transmission, and analysis of electrical parameters such as voltage, current, power, frequency, temperature, and energy consumption. Sensors installed in electrical equipment collect data and transmit it through communication networks to cloud platforms or monitoring systems. This allows engineers to identify abnormal conditions, faults, overloads, and equipment failures at an early stage.IoT technology can be used in power generation, transmission, distribution, and industrial electrical systems. Smart meters and connected sensors help utilities monitor energy consumption and improve power management. The collected data can also support predictive maintenance, reducing unexpected breakdowns and maintenance costs.One major advantage of IoT-based monitoring is remote supervision. Engineers can monitor electrical equipment from any location using computers or mobile devices. Alerts can be generated automatically when abnormal parameters are detected, improving system reliability and safety.However, challenges such as cybersecurity, communication reliability, data privacy, and the initial installation cost must be considered. With the development of advanced sensors, cloud computing, and artificial intelligence, IoT-based monitoring is expected to become an important part of future smart grids.

- N.S. Malkar