

ELECTROLINK

DEPARTMENTAL NEWSLETTER- 2024-25



ELECTRONICS AND TELECOMMUNICATION DEPARTMENT

Department Vision:

To impart quality education through exploration and experimentation and generate socially conscious engineers with embedded ethics and values.

Department Mission:

- M1. To produce competent Electronics and Telecommunication engineers through quality education by imparting knowledge, skill and project based learning.
- M2. To educate students with practical approach to dovetail them to various industries' needs.
- M3. To train students to be hard core professionals and entrepreneurs and also virtuous, ethical patriotic human beings concerned about society and the nation.

STAFF EDITORIAL COMMITTEE

Ms. Sukeshini S. Tabhane

Ms. Aphasana Mulla

STUDENT EDITORIAL COMMITTEE

Mr. Manoj Namboodiri

Ms. Vedanti Thakur

HOD'S MESSAGE



As the Head of the Electronics and Telecommunication Department, it is my pleasure to connect with you through this latest edition of our department newsletter. In a world where technology is constantly advancing, I am truly inspired by the creativity and dedication that defines our department. Our students consistently achieve remarkable success not only in their academic endeavors but also in a wide range of co-curricular and extracurricular activities, reflecting our commitment to nurturing well-rounded individuals. I would also like to extend my heartfelt appreciation to our faculty members, whose unwavering guidance and mentorship continue to empower our students and prepare them to become future leaders in the field.

Best regards,

Mr. Shahaji Sutar

Head of the Department

Electronics and Telecommunication

EXPERT LECTURE: RENEWABLE SOLAR ENERGY

Date: August 23, 2024

Conducted by: Mr. Manoj Kalke

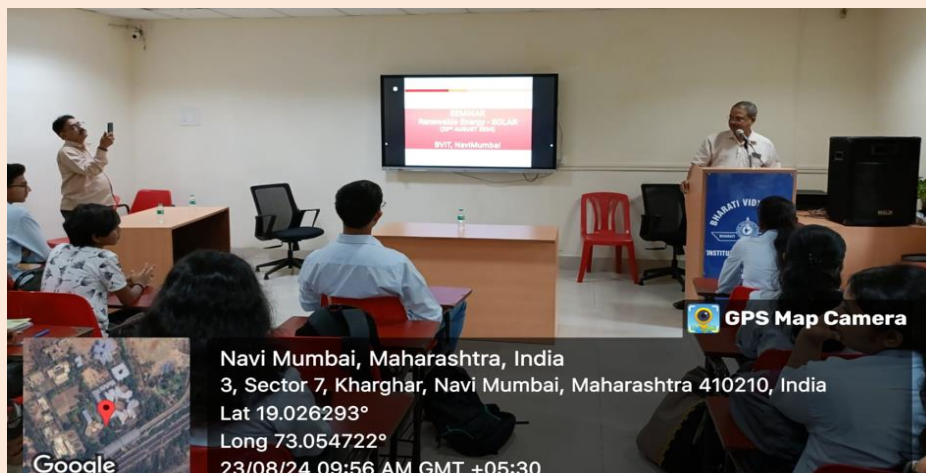
Audience: Second and Third Year Diploma Students of Electronics and Telecommunication

On August 23, 2024, Mr. Manoj Kalke delivered an engaging and informative lecture on renewable solar energy to second and third-year diploma students in Electronics and Telecommunication. The session provided students with a comprehensive understanding of solar energy technologies, market trends, and future prospects.



Introduction to Solar Energy

Mr. Kalke began with an overview of solar energy, explaining its importance as a clean and sustainable power source.



- **Market Trends**
 - **Cost Reduction:** The lecture covered the significant drop in solar energy costs and its impact on market adoption.
 - **Corporate and Policy Support:** The growing number of corporate commitments to renewable energy and supportive government policies were emphasized.
- **Challenges**
 - **Intermittency and Land Use:** Mr. Kalke addressed the challenges of solar energy intermittency and land use concerns, proposing solutions such as improved storage and floating solar arrays.
- **Future Prospects**
 - **Innovations and Integration:** The potential of emerging technologies and the integration of solar energy with other renewables were discussed.



Student Interaction

The session concluded with a Q&A segment, where students engaged with Mr. Kalke on topics such as the future of solar technology and its applications in electronics and telecommunications.

Mr. Manoj Kalke's lecture provided valuable insights into the field of solar energy, making complex concepts accessible and relevant to the students. The session enhanced their understanding of renewable energy technologies and their practical applications, aligning with their academic and future career interests.

SOCIAL INITIATIVE



A group of students from **third year Electronics and telecommunication** branch promoted a social initiative at a local railway station on **31st August, 2024** to enhance **safety for girls**. They distributed safety pamphlets, set up a safety booth, and conducted workshops on self-defense and awareness.

The students worked with railway authorities to improve security measures, ensuring a safer environment for female travelers. The initiative successfully raised awareness and empowered girls with practical safety tips, contributing to a more secure atmosphere at the station.

SEMICON INDIA 2024

Semicon India 2024 is a significant initiative aimed at positioning India as a global leader in semiconductor design and manufacturing. Organized by the Ministry of Electronics and Information Technology, the event serves as a platform to foster collaboration among industry leaders, global semiconductor firms, policymakers, and academia.

Semicon India 2024 also highlights the government's commitment to reducing reliance on imported chips, ensuring technological self-reliance, and integrating India into the global semiconductor supply chain. With increasing demand for semiconductors driven by 5G, AI, IoT, and automotive industries, India aims to tap into this growing market by strengthening local production and innovation.

The event is part of India's larger ambition under the "Make in India" initiative, aiming to create a vibrant electronics and semiconductor sector that can compete on the global stage, while also generating employment and fostering innovation.



To attend this function, Institute made an arrangement for the students in VLC (Room No.435) **11th Sept, 2024**. Final Year students of Information Technology, Computer Technology and Electronics and Telecommunication Department participated in the function through conference. Principal P.N.Tandon sir, HOD'S and Faculty members also attended this function.



Number of Students attended conference: 80

Number of Faculty : 10

TREE PLANTATION - 18TH OCT 2024

Activity: Tree Plantation **Day: Friday**

Date: 18/10/2024

Today on 18th October 2024, mango trees were planted at Bharati Vidyapeeth Institute of Technology in association with **Green Club of UNICEF, Bharati Vidyapeeth Unit** and **National Service Scheme unit** of Bharati Vidyapeeth Institute of Technology. On this occasion, various heads of departments, professors and students were present. **Miss Sanvi Choubal**, a student studying in TYME in the same college, donated 50 mango trees. All these projects were guided by the Principal of the college, Mr.P.N.Tandon sir. and Vice Principal Mr.J.K. Patil sir.





INDUSTRIAL VISIT – VAISHNAVI ORGANIC FARMS –

19TH OCT 2024



DR. PATANGRAOJI KADAM SAHEB SEVAK CHASHAK – 2025

The Bharati Vidyapeeth Education Complex, Navi Mumbai organized a cricket tournament from **December 30, 2024 to January 4, 2025** in Navi Mumbai. The event was held to commemorate the birth anniversary of Dr. Patangraoji Kadam Saheb, Founder of Bharati Vidyapeeth, and celebrate the birthday of Dr. Vishwajeet Kadam, Pro Vice Chancellor Bharati Vidyapeeth.



The tournament saw enthusiastic participation from teams representing various institutions under the Bharati Vidyapeeth umbrella. After a series of thrilling matches, **Bharati Vidyapeeth Institute of Technology, Navi Mumbai**, emerged as the **Winner**, while **Bharati Vidyapeeth (Deemed to be University)'s Dental College and Hospital, Navi Mumbai**, secured the **runner-up** position.

The tournament saw enthusiastic participation from staff of department of **Electronics and Telecommunication**. The event was well-attended by students and faculty members from various Bharati Vidyapeeth institutions.

The tournament concluded with a prize distribution ceremony, where the winning team and runner-up team were felicitated with trophies. The event ended on a high note, with participants and spectators alike looking forward to the next edition of the tournament.





MEGA BLOOD DONATION CAMP

On **11th January 2025**, Bharati Vidyapeeth College of Engineering, Navi Mumbai, organized a **Mega Blood Donation Camp** to commemorate the birth anniversary of Dr. Patangraoji Kadam Saheb, Founder Bharati Vidyapeeth. In association with Tata Memorial Hospital's Department of Transfusion Medicine, the event aimed to promote voluntary blood donation and create awareness about its importance.



The camp witnessed an overwhelming response, with numerous students, staff, and faculty members voluntarily donating blood. The medical team from Tata Memorial Hospital ensured a safe and smooth donation process.



This initiative aimed to promote voluntary blood donation and create awareness about its importance. The event was a testament to the institution's commitment to social responsibility and community service. The success of the mega blood donation camp is attributed to the collective efforts of Bharati Vidyapeeth College of Engineering, Tata Memorial Hospital, and the donors who participated in this noble cause.

We extend our gratitude to all the donors of **Electronics and Telecommunication** dept Students and staff, volunteers, and organizers who made this event a success.





GUEST LECTURE AND WORKSHOP

INSTALLATION AND MAINTENANCE OF CCTV (22/01/25)



GUEST LECTURE ON COBOL TECHNOLOGY ON

24TH JAN, 2025



ELECTROFEST 2025 – PROJECT COMPETITION

The **Electronics and Telecommunication Department** of **Bharati Vidyapeeth Institute of Technology, Navi Mumbai**, successfully organized the **Electrofest 2025** project competition on *21st February 2025*. The event aimed to encourage innovation, technical skills, and problem-



solving abilities among students.

The competition was inaugurated by our **Honorable Principal and Vice Principal**, who emphasized the importance of hands-on learning and technical expertise in shaping future engineers. They motivated students to think creatively and develop projects that could address real-world challenges.



Students from **First Year, Second Year, and Final Year** participated enthusiastically, presenting a wide range of projects based on emerging technologies. Each project was evaluated by a panel of esteemed faculty members and industry experts, considering parameters such as innovation, functionality, and practical application.

The event concluded with the announcement of winners and the distribution of certificates. The competition provided students with a platform to showcase their talents and gain valuable feedback from experts. The **Electronics and Telecommunication Department** looks forward to organizing more such events to foster technical excellence and innovation among students.





MARATHI BHASHA DIWAS

Bharati Vidyapeeth Institute of Technology, Navi Mumbai, joyously celebrated Marathi Bhasha Diwas on **27th February 2025** to honor the birth anniversary of the legendary poet and writer Vi. Va. Shirwadkar, popularly known as Kusumagraj. The event was organized by to promote and appreciate the richness of the Marathi language and its literary heritage.



The program commenced with a heartfelt tribute to Kusumagraj, highlighting his immense contribution to Marathi literature. The faculty members and students gathered to pay homage to the revered poet, setting a tone of admiration and respect for the language.

A series of engaging performances by students added vibrancy to the event. The program included soulful recitations of Marathi poems, captivating Charolis, melodious songs, and powerful Powadeshi Garjana. These performances not only showcased the talent of students but also emphasized the depth and beauty of the Marathi language.



The event concluded with a vote of thanks, expressing gratitude to all participants, faculty members, and organizers for making the celebration a grand success. The Coordinator of the event Mrs.Shital Deshmukh from ***Electronics and Telecommunication Department*** handled the event with finesse and expertise, ensuring a memorable celebration of the language and culture.





SPORTS – 2025

The much-awaited **Sports 2025** event was successfully organized at Bharati Vidyapeeth Institute of Technology, Navi Mumbai, from **15th March to 17th March 2025**. The event witnessed enthusiastic participation from students across various departments, showcasing their athletic talent, teamwork, and sportsmanship.

A wide range of sports competitions, including **cricket, football, badminton, table tennis, volleyball, kabaddi, kho-kho, chess and carrom**, were conducted, providing students with an opportunity to display their skills. The opening ceremony was graced by the Principal Mr. P.N.Tandon, Vice - Principal Mr. J.K.Patil and faculty members, who motivated participants with inspiring words.

The final day featured thrilling matches and a grand prize distribution ceremony, where winners and outstanding performers were awarded with **trophies** and **certificates**. The event concluded on a high note, promoting team spirit, discipline, and physical fitness among students.

