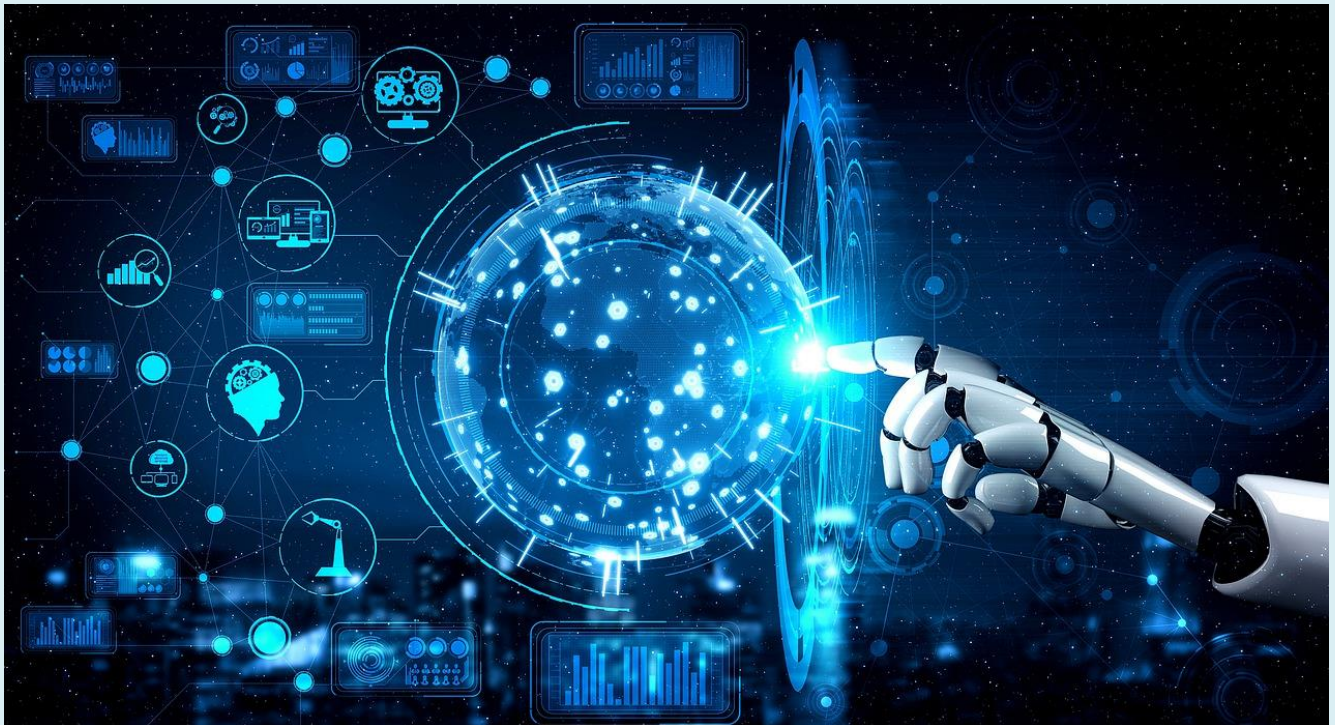




VIVA INSTITUTE OF TECHNOLOGY

Department of Electrical Engineering
Newsletter May 2025



The science of today is the technology of tomorrow.

Edward Teller



VIVA INSTITUTE OF TECHNOLOGY

Department of Electrical Engineering

Newsletter May 2025

VISION, MISSION, AND PROGRAM EDUCATIONAL OBJECTIVE

Vision:

To aspire for excellence in imparting quality education in the field of Electrical Engineering with an eagerness of developing a professional mindset along with good human values.

Mission:

- To maintain a benchmark in quality of educational standards in the field of Electrical Engineering.
- To provide a platform for exploring a professional mindset.
- To promote ethical practices for developing good human values.

Program Educational Objectives:

- To provide students with the knowledge of basic sciences and social sciences in general and Electrical engineering in particular, so as to impart the necessary skills to analyze and synthesize electrical circuits, algorithms and complex apparatus.
- To inculcate in student Professional attitude, effective communication skills and capability to succeed in multi-disciplinary and diverse fields.
- To provide technical knowledge, skills and competence to identify, comprehend and solve problems in industry, research and academics related to power, information and hardware.
- To prepare and inspire the students to become future researchers/scientists with innovative ideas for a sustainable development.



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Program Outcomes:

- **Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **Design & Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **Conduct Investigation of Complex Problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions.
- **Modern Tools Usage:** Create, select and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **Environment & Sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, demonstrate the knowledge of, and need for sustainable development.
- **Ethics:** Apply ethical principles and commit to professional ethics, responsibilities, and norms of engineering practice.
- **Individual & Team work:** Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.



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- **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management & Finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life-long Learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes

- The ability to analyze, design, and simulate electrical system, and implement them in various application.
- The ability to apply engineering knowledge, technical skill and solution of complex problem in various field of electrical engineering.



VIVA INSTITUTE OF TECHNOLOGY

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About the Department:

The department is well established with number of experienced faculty members. The department moves with a mission to produce competent and disciplined electrical engineers.

Departmental laboratories are spacious and adequately equipped. The various faculties of department have presented/published papers in National/International Conferences and journals. Department organizes workshops/seminars in different areas. For all round development of student various expert lectures, industrial visits are periodically organized. The academic results are excellent.

Department of Electrical Engineering aims to establish and concentrate in various areas of electrical engineering such as power quality, energy management, audit etc. and to offer value added services to industries as well as society.

Laboratories:

The Department has six well-established laboratories and highly updated and advanced equipment that will help to enhance the student's technical knowledge to improve their technical skill that can be utilized to explore their knowledge in the outside industrial world.

List of laboratories

1. DC Machines Lab
2. AC Machines Lab
3. Power Electronics Lab
4. Measurement Lab
5. Communication Lab
6. PSPS Lab
7. Project Lab
8. BEE Lab
9. Computer Lab
10. Simulation Lab



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Message by Principal

Dear All,

It gives me an immense pleasure to welcome you to VIVA Institute of Technology, Virar affiliated to University of Mumbai, governed by Vishnu Waman Thakur Charitable Trust. We believe in the fact that “Education is a journey from Information to Knowledge and from Knowledge to Wisdom. The Engineering graduate should be capable to apply knowledge to real time engineering problems and provide solutions, which are technically sound as well as economically viable. Only creative minds can accomplish this task.

A newsletter mirrors the success story of an institution and act as a great medium to reach out to the outer world. It reflects upon the persistent and committed efforts made by faculty, and students for taking the institution one-step ahead. Continuing the same tradition, this issue of newsletter, reflects upon commendable contribution made by all members of Electrical engineering department in their fields of expertise as well as for the overall growth of the institute. I congratulate everyone for their value adding work for the institution and do expect the same in times to come. I also congratulate the editorial team for bringing out present issue of newsletter.

VIVA Institute of Technology nurtures a unique system of education for creating dynamic leaders in the corporate sector, entrepreneurs, academicians, researchers and professionals who contribute to the development of society and nation at large. It has an aesthetically designed and elegantly built campus furnished with state of art equipment and facilities. Here, education is not only focusing on 4 years B.E. degree course but also creating a platform for students to realize their dreams, hone their cognition, sharpen their competence and carve out a wholesome personality.

Wishing you all the best for the fruitful learning journey at VIVA Institute of Technology and for a bright future!

Principal
Dr. Arun Kumar



VIVA INSTITUTE OF TECHNOLOGY

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HOD's Message

The Aim of Electrical engineering department is to provide quality education. The process of learning is extremely important in life. What you learn, how you learn and where you learn, play crucial role in developing your intellectual capability, besides career. I am proud to see that the students and faculty of our department have put in appreciable effort into creating this newsletter. This newsletter highlights the academic and non- academic activities of both, faculty and students of the Department of Electrical Engineering. I congratulate the editorial team for their brilliant and original efforts. I wish all the students and faculty a great academic career.

H.O.D

- Prof. Bhushan Save



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Teaching Staff Members:

Name	Dr. Deepak Sajnekar
Designation	Associate Professor
Qualification	Ph.D. in control system, M. E
Experience	Teaching: 26 Years Industrial: 00 Year
Total Experience	26 Years

Name	Prof. Bhushan Sharad Save
Designation	Assistant Professor (HOD)
Qualification	M.E.: EXTC
Experience	Teaching: 19 Years Industrial: 1 Year
Total Experience	20 Years

Name	Prof. Anoj Kumar Yadav
Designation	Assistant Professor
Qualification	M. Tech: Power Electronics & Drives
Experience	Teaching: 14 Years Industrial: 00 Year
Total Experience	14 Years

Name	Prof. Rahul Vijay Abhyankar
Designation	Assistant Professor
Qualification	M.E.: Power System Engineering
Experience	Teaching: 9.5 Years Industrial: 00 Year
Total Experience	9.5 Years

Name	Prof. Sangita Raju Kamble
Designation	Assistant Professor
Qualification	M. Tech.: P.E.P.S
Experience	Teaching: 7 Years Industrial: 2 Years
Total Experience	9 Years



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Name	Prof. Tejas Sankpal
Designation	Assistant Professor
Qualification	M.E: EPS
Experience	Teaching: 3 Years Industrial: 1 Year
Total Experience	4 Years

Name	Prof. Amit Kumar Vishwakarma
Designation	Assistant Professor
Qualification	M.E Pursuing
Experience	Teaching: 2 Years Industrial: 1 Year
Total Experience	3 Years

Name	Prof. Reema Gupta
Designation	Assistant Professor
Qualification	M.E: EPS
Experience	Teaching: 3 Years Industrial: 1 Year
Total Experience	4 Years



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Non-teaching Staff Members:

Name	Santosh Ashok Joshi
Designation	Lab Assistant
Qualification	M. Sc. Electronics & Communication (Pursuing)
Experience	Lab: 19 Years Industrial: 4 Years
Total Experience	23 Years

Name	Vaibhav Yashwant Patil
Designation	Lab Assistant
Qualification	I.T.I, NCVT & B. A
Experience	Lab: 12 Years Industrial: 5 Years
Total Experience	Years: 17 Years

Name	Lav Sham Jadhav
Designation	Lab Assistant
Qualification	Diploma in Electrical Engineering
Experience	Lab: - 3.3 Years Industrial: - 2.1 Years
Total Experience	Years: - 5.4 Years

Name	Sanjay Gajanan Mohite
Designation	Peon
Qualification	S.S.C
Experience	Lab: 23 Years Industrial: 00 Years
Total Experience	Years: 23 Years



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Toppers List

B.E. Toppers (Semester VIII)

Sr. No.	Rank	Name	CGPI
1.	First	Kargutkar Omkar Vijay	8.76
2.	Second	Joil Roshan Shamsundar	8.39
3.	Third	Urumkar Kartik Shreedhar	7.44

T.E. Toppers (Semester VI)

Sr. No.	Rank	Name	CGPI
1.	First	Bhoir Nilay Manohar	7.62
2.	Second	Gupta Nandkishor Shrikant	7.58
3.	Third	Kunwar Ratanbahadur Jaybahadur	7.49

S.E Toppers (Semester IV)

Sr. No.	Rank	Name	CGPI
1.	First	Patil Manad Ulhas	7.98
2.	Second	Pawar Atharv Anand	7.89
3.	Third	Rajbhar Abhishek Indrajeet	7.57



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Welcome to the Electrical Engineering Department, where innovation sparks and dreams of electrifying the future come to life. This year the department conducted various events and activities to emphasize students overall development and improvement. Beyond the classroom, departments spearhead research endeavors, contributing to the advancement of knowledge. This includes academic as well as extracurricular activities. Students are motivated to participate and present papers at national-level conferences. Industrial visits are also arranged occasionally to get exposure to the industrial environment. Guest lectures are also organized by inviting resource persons from industries. The faculty development program, approved by ISTE, is also organized for their skill development.

- **Departmental Meeting (03/01/2025)**

On 3rd January 2025, Monthly departmental meeting was conducted. The meeting was chaired by the Head of Department to address Commencement of the Even Semester including course outlines, lecture schedules, and preparations of upcoming cultural events registration and participant coordination to make Hitaishi 2025 successful. All available faculty members and non-teaching staff members attended meeting.

- **Compensatory Leave (04/01/2025)**

On 4th January 2025, The institute approved a compensatory leave to all staff members on 4th January 2025, in advance of their participation in the Hitaishi 2025 scheduled on 11th January 2025.

- **Commencement of Even semester (06/01/2025)**

On 6th January 2025, the commencement of the even semester for students of Second Year (SE), Third Year (TE), and Fourth Year (BE) started as planned. All students were instructed to attend the college as per lectures and practical schedules. The guideline was provided to students on course registration. The faculty member provided guidance on using digital platforms for learning.

- **Hitaishi 2025 (13/01/2025 TO 17/01/2025)**

From 13th to 17th January 2025, the event was a vibrant and spirited celebration highlighting the cultural and athletic excellence of the institution. The event brought together students, faculty, and staff for a week of dynamic performances, engaging activities, and exciting sports competitions. The event fostered creativity, teamwork, and unity, highlighting the diverse talents and strong community spirit that define the institution.



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GPS Map Camera

Google

Virar, Maharashtra, India
Viva institute of technology
shirgaon.virar(E)401305
Lat 19.473799° Long 72.858565°
14/01/25 03:33 PM GMT +05:30



GPS Map Camera

Google

Virar, Maharashtra, India
viva institute of technology At Shirgaon, Veer Savarkar Road,
Vasai, Thane, FVf5+CG3, Chandansar, Virar, Kumbharpada,
Maharashtra 401303, India
Lat 19.473559° Long 72.858558°
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GPS Map Camera

Google

Virar, Maharashtra, India
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Maharashtra 401303, India
Lat 19.474204° Long 72.858239°
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Highlights of Hitaishi 2025

- **Major Project Review I BE (20/01/2025 & 21/01/2025)**

On 20th & 21st January 2025, the review was conducted to evaluate research objectives and conclusion findings related to a major project under the guidance of an allotted panel undertaken by BE students. The faculty members provide feedback and suggestions for further development.

- **Mini Project Review I TE (21/01/2025 & 22/01/2025)**

On 21st & 22th January 2025, the review was conducted to evaluate research objectives and conclusion findings related to a major project under the guidance of an allotted panel undertaken by TE students. The faculty members provide feedback and suggestions for further development.



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● NSS Event - Organ Donation Rally (26/01/2025)

On 26th January 2025, the NSS event, Organ Donation Rally, took place in the institute campus and neighboring localities. The event marched with placards, banners, and slogans advocating for the noble cause. The event aimed to dispel myths and encourage people to pledge for organ donation. The Principal, NSS coordinators and volunteers, staff and students participated in the event.



NSS Event Promotes Civic Engagement and Social Responsibility

● Mini Project Review I SE (27/01/2025 & 28/01/2025)

On 27th & 28th January 2025, the review was conducted to evaluate research objectives and conclusion findings related to a major project under the guidance of an allotted panel undertaken by SE students. The faculty members provide feedback and suggestions for further development.

● Departmental Meeting (01/02/2025)

On 1st February 2025, the Monthly departmental meeting was conducted to discuss the key strategies related to NCRENB. The clear and follow-up actions were highlighted to monitor progress for NCRENB and timely task of Guest lecture arrangement, IA-1 Paper Submission was discussed. All available faculty members and non-teaching staff members attended meeting.

● Display the Defaulter List-I (03/02/2025)

On 3rd February 2025, Every month the defaulter list is displayed as a reminder of the shortage of attendance of Second Year (SE), Third Year (TE), and Fourth Year (BE) students. Students are advised to maintain 75% attendance and take necessary actions to improve their academic requirements. The department is committed to maintaining transparency throughout the academic year for the well-being and academic success of all students.



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● Letter to Parents (04/02/2025)

On 4th February 2025, After the defaulter list is displayed, a letter is issued by the department to update parents on their ward's academic progress and overall performance, achievements, and areas of improvement of Second Year (SE), Third Year (TE), and Fourth Year (BE) students. The department is committed to maintaining open lines of communication with parents and ensuring involvement in their child's educational journey.

● Mentor Meeting (10/02/2025)

On 10th February 2025, Every Monday for (SE and TE) students and every Friday for BE Students mentor meetings are conducted as per the scheduling by mentors offering personalized guidance, setting goals and addressing challenges. This support boosts performance, accountability, and motivation, helping students stay engaged in their learning.

● Student Feedback-I (11/02/2025)

On 14th February 2025, the feedback session was conducted for Second Year (SE), Third Year (TE), and Fourth Year (BE) students to express their opinions and suggestions regarding teaching methodology and course content. Suggestions taken through feedback, improve communication channels between students and faculty.

● NSS Camp (15/02/2025 to 20/02/2025)

From 15th & 20th February 2025, the NSS events were conducted at Makwana Farm House Bhatane. Many following activities like team making, street play, distribution of AYUSH medicines, rally on the importance of voting, and visit to an orphanage for book donation was conducted under the program officer of the NSS unit Mr. Sushil Mishra and other unit staff. The camp successfully instilled values of empathy, teamwork, and service among participants, aligning with the true spirit of the National Service Scheme.



NSS Camp of 6 days at Makwana Farm House Bhatane



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● Industrial Visit (21/02/2025)

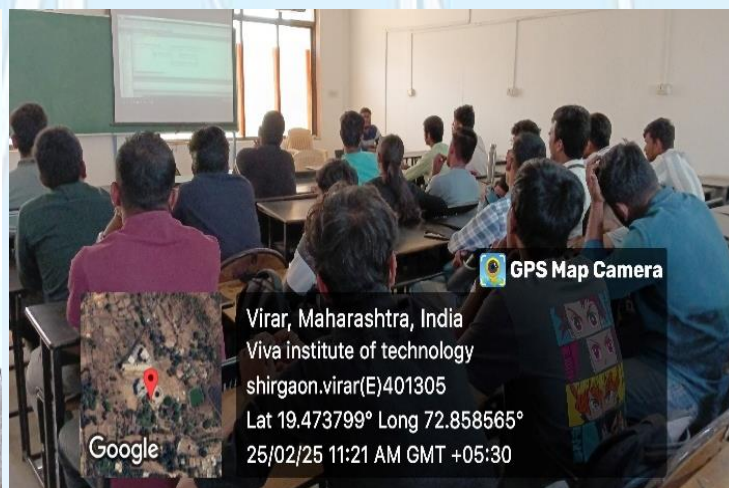
On **21st February 2025**, the department organized industrial Visit for Second year (SE) students. Students had an industrial visit to LEKEAMP, at Virar East to give brief innovation to drive change and advancement knowledge of Designing electric bicycle brand based on customer requirements and industry standards. This visit enabled students to understand how innovation and design thinking drive product development and sustainable transportation solutions in the modern era.



S.E Students Visit LEKEAMP, at Virar East

● Guest Lecture (25/02/2025)

On **25th February 2025**, A guest lecture was organized for Second Year (SE) & Third Year (TE) students on “Trends in Factory Automation”. The guest speaker Mr. Mayuraj Pandit Ahire, shared valuable experiences and challenges. This session has provided an in-depth exploration of essential guidelines and best practices for successful Automation, including selecting the right manual, adhering to submission standards, and understanding ethical considerations.



How to Plan a Startup with Trends in Factory Automation



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● Compensatory Leave (01/03/2025)

On **1st March 2025**, The institute approved a compensatory leave to all staff members on 1st March 2025 in advance of their participation in the NCRENB-2025 Event scheduled on 8th March 2025.

● IA 1 (03/03/2025 to 05/03/2025)

On **1st March 2025**, Internal Assessment 1 (IA1) was conducted for Second Year (SE), Third Year (TE) & Fourth Year (BE) students of semesters IV, VI, and VIII to evaluate the student's knowledge regarding course material as per Mumbai University schedule.

● Industrial Visit (04/03/2025)

On **4th March 2025**, Industrial Visit for Final year (BE) students was organized by the department. Many students had registered for the industrial visit to the LEKEAMP, at Virar East accompanied by 2 faculty members Prof. Anojkumar Yadav and Prof. Amit Vishwakarma. The organization operates in the field of Electrical Engineering applicable to give brief innovation to drive change and advancement knowledge of Designing electric bicycle brand based on customer requirements and industry standards.



B.E Students Visit LEKEAMP for Practical Learning of Designing electric bicycle

● Departmental Meeting (05/03/2025)

On **5th March 2025**, Monthly departmental meeting was conducted. The meeting was chaired by the Head of Department to address about Review of Syllabus Coverage, Task after AI-1, Course file Even semester 2024-25 completion and NCRENB updates. All available faculty members and non-teaching staff members attended meeting.

● Display the Defaulter List-II (05/03/2025)

On **5th March 2025**, Every month the defaulter list is displayed as a reminder of the shortage of attendance of Second Year (SE), Third Year (TE), and Fourth Year (BE) students. Students are advised to maintain 75% attendance and take necessary actions to improve their academic requirements. The department is committed to maintaining transparency throughout the academic year for the well-being and academic success of all students.



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● NCRENB (07/03/2025 & 08/03/2025)

On 7th & 8th March 2025, The National Conference on “Role of Engineers in National Building” was conducted for faculty members and students to exchange knowledge and discuss advancement in technology. The NCRENB 2025 provides a platform to present research papers regarding projects or research.



Participants' Exchange Knowledge and Technology Advancement

● International Women's Day (08/03/2025)

On 8th March 2025, International Women's Day, a special session on “Personality Development” was organized, featuring Dr. Varsha Dandawate as the esteemed resource person. Dr. Dandawate engaged the audience with her insightful talk, interactive activities, and practical guidance, inspiring students and staff to enhance their personality and embrace self-development as a lifelong journey.



Personality Development on International Women's Day



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● Guest Lecture (17/03/2025)

On **8th March 2025**, A guest lecture was organized for Third Year (TE) students in the department on “The Economics of solar Energy”. The guest speaker Mr. Rajiv Baswante, an expert in the field of renewable energy shared valuable experiences and challenges. The session provided valuable insights into the financial aspects of solar power, including cost-benefit analysis, investment potential, and government policies supporting solar adoption.



Guest Lecture for TE Year Students “The Economics of solar Energy”

● Training and Placement Seminar (20/03/2025):

On **20th March 2025**, A seminar on LinkedIn Career was organized by the Training and Placement Cell to enhance students’ professional networking skills and online presence. The session focused on building an effective LinkedIn profile, leveraging connections, job searching techniques, and personal branding. Students gained practical tips on how to use LinkedIn as a powerful tool for internships, job opportunities, and career growth in the digital era.



Highlights of Career Guidance Program



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● Industrial Visit (24/03/2025)

On **24th March 2025**, An industrial visit to the HVDC Terminal Station at Padgha was organized for Final Year (BE) Students to provide knowledge with practical exposure to advanced power transmission systems. During the visit, students observed the working of High Voltage Direct Current (HVDC) technology, control mechanisms, and protection systems used in power transmission. The visit greatly enhanced the students' understanding of real-world applications of power electronics and transmission engineering.



Final Year (BE) Students industrial visit to the HVDC Terminal Station at Padgha

● Departmental Meeting (28/03/2025)

On **28th March 2025**, Monthly departmental meeting was conducted. The meeting is about Technovation 2025 preparation, Conduction of IA-2 Dates, Syllabus complete for Submission of term work. All available faculty members and non-teaching staff members attended meeting.



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● Industrial Visit (29/03/2025)

On 29th March 2025, An industrial visit to the Western Railway EMU (Electric Multiple Unit) Carshed was organized for Third Year (TE) student's exposure to railway maintenance operations and electrical systems used in suburban train services. During the visit, students observed various stages of EMU maintenance, including inspection, troubleshooting, and repair of electrical and mechanical components. The visit offered valuable insights into the functioning of urban rail transport and its supporting infrastructure.



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29/03/2025 01:05 PM GMT +05:30



Nala Sopara, Maharashtra, India
Crj8+6q4, Central Park Rd, Oswal Nagari, Nalasopara East, Nala Sopara, Maharashtra 401209, India
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29/03/2025 01:03 PM GMT +05:30

TE Students at Western Railway EMU (Electric Multiple Unit) Carshed

● 2nd Student Feedback (02/04/2025)

On 4th April 2025, The feedback session was conducted for Second Year (SE), Third Year (TE) & Fourth Year (BE) students to express their opinions and suggestions regarding teaching methodology. Suggestions taken through feedback improve communication channels between students and faculty.



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● Technovation 2025 (05/04/2025)

On 5th April 2025, The department organized Technovation 2025, an intercollegiate project competition. The event served as a dynamic platform for students to showcase their innovative projects, demonstrate technical skills, and share research-based solutions. Esteemed industry professionals, Mr. Ashit Nair and Mr. Hrithik More, were invited as judges to evaluate the projects. The assessment was based on key criteria such as innovation, research depth, practical applicability, and overall presentation.



Technovation 2025

● Display the Defaulter list-III (09/04/2025)

On 9th April 2025, Every month the defaulter list is displayed as a reminder of the shortage of attendance of Second Year (SE), Third Year (TE), and Fourth Year (BE) students. Students are advised to maintain 75% attendance and take necessary actions to improve their academic requirements. The department is committed to maintaining transparency throughout the academic year for the well-being and academic success of all students.

● IA 2 (11/04/2025 TO 16/04/2025)

From 11th to 16th April 2025, Internal Assessment 2 was conducted for Second Year (SE), Third Year (TE) & Fourth Year (BE) students of semesters IV, VI, and VIII to evaluate the student knowledge regarding course material as per Mumbai University schedule.

● Program Exit Survey (15/04/2025)

On 15th April 2025, The program exit survey was taken from fourth-year (BE) students in the Department of Electrical Engineering. The survey feedback helps to monitor strengths and areas for improvement in the Fourth Year (BE) program. The survey included the effectiveness of teaching methodologies, adequacy of resources, industry exposure, and support services provided by the department.



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● Course Exit Survey (16/04/2025)

On 16th April 2025, A course exit survey was taken from Second Year (SE), Third Year (TE) and Fourth Year (BE) students in the department. The survey was conducted to take feedback regarding course content, teaching methodologies, and academic support provided by the department. The survey process was confidential to ensure students felt comfortable sharing their opinions.

● Term End (17/04/2025)

On 17th April 2025, There was a term end for Second Year (SE), Third Year (TE) and Fourth Year (BE) students. Along with the syllabus, projects, assignments, and practical sessions of semesters IV, VI, and VIII completed before term end.

● Submission of Term Work (17/04/2025)

On 17th April 2025, The submission of term work was organized for Second Year (SE), Third Year (TE), and Fourth Year (BE) students including term work, assignments, projects, and other academic activities. The faculty members provided necessary guidance and support to ensure the completion and submission of term work.

● Alumni Meet 2024 and Convocation Ceremony (17/04/2025)

On 17th April 2025, The Alumni Meet 2024 and Convocation Ceremony for the pass-out batch of 2023-24 were conducted with great enthusiasm and warmth. Alumni shared their professional experiences and extended valuable career guidance to current students. The convocation ceremony included the formal conferral of degrees, accompanied by motivating addresses from dignitaries and faculty.



Pass-out Batch 2024 celebrating Alumni Meet 2024 and Convocation Ceremony



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- **Oral and Practical examination (21/04/2025 TO 25/04/2025)**

From 21st to 25th April 2025, Students appeared for an oral (viva) and practical examination of semesters IV, VI, and VIII as scheduled. The examination aimed to evaluate students' ability to apply theoretical concepts to real-world scenarios.

- **Mini Project Review 2 (21/04/2025 & 23/04/2025)**

On 21st & 23rd April 2025, The review was conducted to evaluate the progress and outcomes of the mini-project under the guidance of the allotted panel undertaken by SE students. The faculty provide valuable feedback and further suggestions for their project.

- **Major Project Review 2 (24/04/2025 & 25/04/2025)**

On 24th & 25th April 2025, The review was conducted to evaluate research objectives and outcomes related to a major project under the guidance of an allotted panel undertaken by BE students. The faculty members gave suggestions regarding simulation and hardware models.

- **Vacation (28/04/2025)**

On 28th April 2025, A vacation slot was allotted to the faculty as per guidelines, and the term ended. The faculty member allowed to take their vacation slots. The vacation slots help the faculty member promote relaxation, personal growth, and quality time with their family. The department expresses gratitude to faculty members for their hard work and dedication.

- **Departmental Meeting (03/05/2025)**

On 3rd May 2025, The departmental meeting was focused on course file submission, exam duty allocation, and training for non-teaching lab execution. Faculty members discussed and finalized the procedures and deadlines for course file submission. Exam duties were allocated to ensure the smooth conduct of the examination. Training sessions for non-teaching lab execution were organized to enhance staff proficiency in laboratory management and safety protocols.

- **Commencement of Theory Examination (13/05/2025)**

On 13th May 2025, Regular semesters IV, VI, and VIII of the theory examination commenced as per the university schedule. The examinations were planned and executed to ensure adherence to academic standards. Faculty members contributed their expertise to prepare examination papers that evaluate student's understanding and application of course materials.

- **STTP (23/06/2025 TO 30/06/2025)**

From 23rd to 30th June 2025, a one-week Short Term Training Program (STTP) on "NEP 2020: Dimensions of Autonomy" was successfully organized. The University of Mumbai and the Indian Society approved the program **for Technical Education (ISTE)**. This initiative aimed to deepen the understanding of the National Education Policy 2020, particularly emphasizing curriculum flexibility, academic autonomy, and institutional governance. Through expert sessions, interactive discussions, and case studies, the program enabled faculty members to explore innovative strategies for implementing academic reforms and promoting excellence in higher education.



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Details of the speakers are as follows:

Sr. No.	Date	Name of the Speaker	Topic
1.	23/06/2025	Dr. R R Sedamkar , Dr. Sheetal Rathi	Multidisciplinary and Holistic Education: NEP-2020 Insights
2.	24/06/2025	Dr. Surendra Rathod	Academic Autonomy: Pathway to innovation and Excellence
3.	25/06/2025	Dr. Sheetal Rathi	Rethinking Curriculum: Competency- Based Education Models
4.	26/06/2025	Dr. Brijesh Joshi	Time and Mind Mastery: Essential Skills For Personal and Professional Success
5.	27/06/2025	Mr. Chinmay Karvir	Navigating the investment Landscape: Risks, Rewards & Realities
6.	30/06/2025	IQAC Team	Quiz and Valedictory Function

The event enthusiastic participation from both teaching and non-teaching staff, including members from all Engineering and Allied Departments: MCA, Humanities and Applied Sciences (HAS), Mechanical Engineering, Electrical & Computer Engineering, Civil Engineering, Artificial Intelligence and Machine Learning (AIML), Computer Engineering, Electronics and Telecommunication Engineering (EXTC), Polytechnic, along with library and office staff members.

Through expert-led sessions, interactive discussions, and collaborative learning, the STTP served as a valuable platform for all participants to align with the progressive reforms of NEP 2020, fostering excellence, innovation, and autonomy in technical and engineering education.



VIVA INSTITUTE OF TECHNOLOGY

Department of Electrical Engineering

Newsletter May 2025

This academic year has been a period of remarkable achievements and valuable experiences across all departmental activities. The diverse and comprehensive academic programs have enhanced our knowledge while encouraging critical thinking and innovation among students. By engaging in rigorous coursework, collaborative projects, and dynamic extracurricular activities, we have effectively tackled the challenges of the academic landscape.

Thank You