

ITE E-NEWSLETTER

QUARTERLY MAGAZINE

JUL-AUG-SEP 2025



Shivnagar Vidya Prasarak Mandal's
Institute of Technology and Engineering
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1. FROM THE PRINCIPAL DESK



PRINCIPAL DR. S. R. SHAHA

It gives me immense pleasure to present the latest edition of our **Quarterly Technical Newsletter**. Since its establishment in **1983**, our institute has remained committed to excellence, fostering innovation across all engineering disciplines—from Automobile and Civil to IT and Mechanical. As we embark on the **Academic Year 2025-26**, I extend a warm welcome to our newly admitted students. A significant milestone this year is the introduction of our new program in **Artificial Intelligence and Machine Learning (AI & ML)**. This addition reflects our commitment to staying at the forefront of the digital revolution, preparing our students for the rapidly evolving global tech landscape. Following a successful **Admission Process**, our comprehensive **Induction Program** has effectively integrated the new cohort into our technical culture. With the **start of the new semester**, the campus is vibrant with academic energy and fresh aspirations. This publication reflects our continuous efforts to keep pace with evolving technologies and highlights the remarkable achievements of our students and faculty. **Wishing you all a productive and successful semester ahead!**

Patron

Prof. Dr. D.G. Thombare (Secretary, SVPM)

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Prof. S. R. Shaha

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Prof. V. C. Shendge

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2. ABOUT THE INSTITUTE



The Institute of Technology and Engineering was established in 1983. It is the outcome of the new dynamic educational policy formulated by the Government of Maharashtra, under the leadership of the **late Chief Minister Vasantaraodada Patil** to open engineering colleges and polytechnics on non-grant basis. From its inception, we are striving hard to complement the dream of our leadership **Hon'ble Shri Sharadchandraji Pawar** President SVPM, and **Hon'ble Shri Balasaheb Taware**, Vice President, SVPM in bringing the continuous stream of quality technical education to the rural area. The Institute now serves not only the purpose of making available technical education to the students from a rural area but also strives to open new avenues of employment in the rural sector. The Institute conducts three-year full-time diploma courses in engineering and technology of the Maharashtra State Board of Technical Education, Mumbai-

VISION

To be a resourceful institute for all round development of students to make them socially responsible and globally competent engineers"

MISSION

To cater the need of the society and the industry as a whole by providing able and competent Engineers, technocrats, who are educated with high values in technical education, trained with latest skills and practical knowledge, nurtured and cultured with moral ethics to shoulder the responsibilities and challenges of coming years. **M 1:** To provide state-of-the-art facilities and resources as per MSBTE/AICTE/DTE standards, ensuring the delivery of high-quality engineering education.

M 2: To create a learning environment that promotes teamwork, ethical behavior, and social responsibility, helping students become well-rounded and responsible global citizens.

M 3: To constantly improve our courses and teaching methods by using the latest technologies and industry practices, producing engineers to compete globally.

M 4: To build strong connections with industries and research organizations, giving students practical experiences and opportunities to develop their professional and entrepreneurial skills.

3. DEPARTMENTAL ACTIVITIES

*Electrical Engineering***Electrical Department Hosts Alumni Interaction for First-Year Students**

The Electrical Engineering Department, under the leadership of HOD **Mrs. S. H. Kadam**, organized a specialized department Visit and Alumni interaction for first-year students on **August 8, 2025**. The session featured guest speaker and alumna **Ms. Payal Jaypatre**, who shared professional insights and career advice while students explored core laboratories and technical infrastructure. This initiative successfully bridged the gap between academic theory and industry expectations, providing the new cohort with a clear roadmap for their future in the electrical engineering landscape.

**Faculty and Parents Collaborate for Student Academic Success**

The Electrical Engineering Department, under the guidance of HOD **Mrs. S. H. Kadam**, successfully conducted a Parent-Teacher Meeting for second-year students on **August 23, 2025**, to strengthen the partnership between the institution and families. During the session, faculty members provided personalized academic reviews covering student performance and technical progress while emphasizing the importance of consistent attendance and departmental engagement. This collaborative interaction concluded with a positive exchange of ideas, ensuring a unified approach toward the holistic development and future success of every student.



3. DEPARTMENTAL ACTIVITIES

Automobile Engineering

Green Initiative: Collaborative Tree Plantation Drive

Date: October 4, 2025

In a significant step toward environmental conservation, the **Automobile Engineering Department**, in collaboration with the **ITE Eco-Club**, and the **Waste Management Team**, successfully organized a **Tree Plantation Drive**. This joint initiative focused on enhancing the campus green cover and promoting the message of a sustainable future. Students and faculty members actively participated in planting saplings, reinforcing the collective responsibility to protect our ecosystem. The event served as a powerful reminder that every small action contributes to a larger green revolution, fostering a culture of environmental care and long-term sustainability within the institute.



Road Safety Drive: Awareness for a Secure Future

The **Department of Mechanical and Automobile Engineering** organized a specialized "**Road Safety Awareness Programme**" for **Third-Year students** on **September 18, 2025**, to instill a culture of responsible driving. The session focused on educating future engineers about essential traffic regulations, defensive driving techniques, and the severe consequences of careless behavior on both human lives and environmental health. By bridging technical knowledge with civic responsibility, the initiative empowered students to become advocates for safety, ensuring they contribute to a more secure and disciplined commuting environment.



3. DEPARTMENTAL ACTIVITIES

Automobile Engineering

First-Year Students Gain Valuable Insights During Alumni Session

The Automobile Engineering Department organized an **Alumni Interactive Program** for newly admitted first-year students, providing them with a meaningful introduction to their academic journey. The session offered a wonderful opportunity for the newcomers to gain practical insights and valuable advice for the years ahead. Students thoroughly enjoyed the interaction, which combined professional guidance with an engaging atmosphere, helping them build confidence as they begin their engineering education.



Second Year Automobile Students Visit Jay Automotives Baramati

The **Automobile Engineering Department** organized an industrial visit to **Jay Automotives, Baramati**, for **Second-Year students** on **July 30, 2025**. This hands-on experience allowed students to explore the latest emerging trends in the automotive sector, with a specific focus on modern electrical technology and systems. By observing real-world industrial operations, the students gained practical insights that bridged the gap between classroom theory and the evolving demands of the automotive world.



3. DEPARTMENTAL ACTIVITIES

Automobile Engineering

Dr. Amitkumar Shelar Serves as Resource Person for FDP on Industry 4.0

On December 17, 2025, Dr. Amitkumar Ramchandra Shelar served as a distinguished resource person for a Faculty Development Program (FDP) hosted by the Shree Santkrupa Institute of Engineering & Technology, Ghogaon. Conducted in an online mode, the session focused on "Sustainability and Automation in Industry 4.0: Best Practices for the Future." Dr. Shelar shared his expertise on integrating green practices with advanced industrial automation, providing faculty members with a comprehensive roadmap for aligning academic training with the future demands of the sustainable industrial landscape.

Professional Recognition: D-Pharmacy Best Practices Assessment

On December 15, 2025, Dr. Amitkumar Ramchandra Shelar was appointed as a distinguished judge for the D-Pharmacy Best Practices Evaluation. In this role, he contributed his academic and professional expertise to assess institutional standards and innovative teaching-learning methodologies within the pharmacy department. This appointment highlights the interdisciplinary recognition of our faculty's expertise and their commitment to maintaining excellence across diverse educational domains.



3. DEPARTMENTAL ACTIVITIES

*Information Technology***Information Technology Department Visit & Alumni Interaction****Date:** August 8, 2025

The **Information Technology Department**, under the leadership of **HOD Prof. H. S. Kadam**, organized a specialized department visit and alumni interaction for first-year students. The session featured **Mr. Sameer Thorat**, a Software Developer at Tata Honeywell, who shared his professional journey and provided valuable insights into the software industry and emerging technology trends. While exploring the department's computing facilities and technical infrastructure, students gained a clearer understanding of the diverse career paths available in the IT sector. This initiative successfully bridged the gap between academic theory and professional reality, offering the new cohort a clear roadmap for their future success.



From Classrooms to Code: New Students Explore the IT Department's Ecosystem

3. DEPARTMENTAL ACTIVITIES

Information Technology

IT Department Hosts Second-Year Parent-Teacher Meet

The **Information Technology Department**, led by **Prof. H. S. Kadam**, conducted a Parent-Teacher Meeting for **SYIF students** on **August 23, 2025**. The session focused on strengthening the partnership between families and the institution to ensure student success. Faculty members provided personalized reviews of academic performance and technical progress while highlighting the importance of consistent attendance. The meeting concluded with a productive exchange of ideas aimed at the holistic development of every student.



Expert Session on Entrepreneurship and Start-ups

The **Information Technology Department** organized a guest lecture on "**Entrepreneurship Development & Start-ups**" for **TYIF students** on **September 25, 2025**. The session featured **Mr. Saurabh Gaikwad**, founder of *sgprojectwallah*, who provided a practical roadmap for launching tech ventures and navigating the start-up ecosystem. The interaction encouraged students to transform academic projects into scalable business models, successfully fostering an entrepreneurial mindset among the final-year batch.



TRAINING AND PLACEMENT CELL

MaTPO Programming IDOL 2025: Celebrating Coding Excellence

On **September 11, 2025**, students from First Year to Final Year showcased their technical grit in the **MaTPO Programming IDOL – 2025**. This prestigious online contest, organized by the **Maharashtra Association of Training & Placement Officers (MaTPO)**, challenged participants to solve complex algorithmic problems under real-world pressure. The event provided a vital platform for our students to benchmark their coding skills against the best in the state, bridging the gap between classroom learning and industry expectations. **Congratulations to all our budding programmers** for representing the college with such high-caliber logic and dedication!

3. DEPARTMENTAL ACTIVITIES

Electronics and Telecommunications Engg.

Industrial Visit: Exploring Digital Manufacturing & Robotics

On **August 30, 2025**, the **Electronics and Telecommunication (SYEJ)** students participated in an insightful industrial visit to **Vidya Pratishthan's Center of Excellence in Digital Manufacturing & Robotics Automation** in Baramati.

The visit provided students with a firsthand look at cutting-edge industrial technologies, including **robotic arms**, **automated assembly lines**, and **digital twin simulations**. Experts at the center demonstrated how modern manufacturing integrates electronics with high-speed automation to improve precision and efficiency. This exposure allowed our second-year students to bridge the gap between their theoretical electronic circuits and real-world industrial applications, sparking significant interest in the fields of **Mechatronics** and **Industrial IoT**.



Industrial Exposure: SYEJ Students Visit Samsung Service Centre

On **Tuesday, 30th September 2025**, the **Second-Year Electronics and Telecommunication (SYEJ)** students conducted a technical visit to **Global Communication**, the Authorized Samsung Mobile Service Centre in Baramati.

The visit focused on the practical aspects of **Mobile Communication** and **Hardware Troubleshooting**. Students observed the sophisticated tools used for SMD (Surface Mount Device) soldering, advanced diagnostic software for cellular networks, and the meticulous process of repairing high-end smartphone motherboards. The service engineers provided a detailed demonstration of ESD (Electrostatic Discharge) safety protocols and the internal architecture of modern 5G devices. This experience offered our students a clear bridge between their curriculum and the fast-paced consumer electronics service industry.



3. DEPARTMENTAL ACTIVITIES

Mechanical Engineering

SYME Students Explore Industrial Excellence at BILT Graphics

The Department of Mechanical Engineering organized a technical industrial visit to **BILT Graphics Ltd, Bhigwan**, for Second-Year (SYME) students. This visit provided a first-hand look at large-scale manufacturing processes and sophisticated industrial machinery.

Under the guidance of plant experts and faculty members, students observed high-speed paper production lines, automated control systems, and the maintenance protocols required for heavy industrial equipment. By bridging the gap between classroom theory and shop-floor reality, the visit successfully enhanced the students' understanding of core mechanical operations and industrial safety standards.



SYME Students Explore Thermal Engineering at Malegaon Sugar Factory

The Department of Mechanical Engineering organized a technical visit to **The Malegaon Sahakari Sakhar Karkhana** for Second-Year (SYME) students. The visit specifically focused on practical applications of **Thermal Engineering**.

Under the guidance of plant engineers, students studied high-pressure boiler operations, steam distribution networks, and the thermodynamics of the evaporation process. Observing these large-scale thermal systems in action allowed the students to bridge the gap between classroom theory and industrial energy management. This hands-on experience provided vital insights into heat transfer and power cycles essential for their curriculum.



4. COLLEGE ACTIVITIES

FIRST YEAR INDUCTION : DAY 1

Day 1: Tuesday, August 5, 2025

Grand Inauguration and Academic Overview

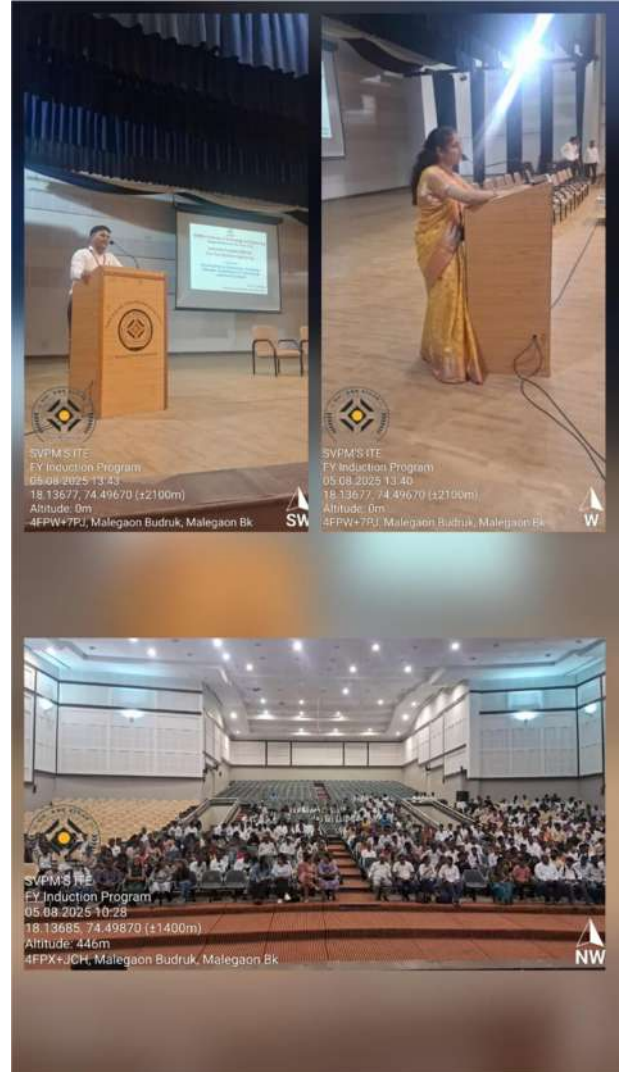
Our Induction Program began with a warm welcome and a keynote address from **Prof. Dr. S. R. Shaha (Principal)**, who provided a vital overview of the educational landscape, including AICTE, DTE, and MSBTE structures. Following this, **Dr. D.G. Thombare (Secretary SVPM)**, our Chief Guest, delivered an insightful address on the critical interlinking and significance of various engineering branches.

Academic Roadmap Unveiled

In the afternoon, **Prof. Dr. G.J. Jagtap** introduced the new students to the academic curriculum and calendar, stressing the critical importance of attending class tests and laboratory sessions. This session provided students with the necessary roadmap for their upcoming academic journey.

Exploring Future Careers

To conclude the first day, **Prof. Dr. P.S. Jadhav (Vice-Principal & TPO)** led an excellent session on diverse career opportunities in related industries. Students gained invaluable perspectives on the professional paths available to them after successfully completing their diploma education.



4. COLLEGE ACTIVITIES

FIRST YEAR INDUCTION : DAY 2

Day 2: Wednesday, August 6, 2025**Wellness Through Yoga and Meditation**

We prioritized student well-being with a morning session on "Yoga and Meditation." Guided by **Shri. D B Pawar sir**, students practiced techniques designed to enhance mental clarity and physical health, helping them start their day centered and focused.

Navigating Mobile Addiction

Addressing a major contemporary challenge, **Dr. Amol Jadhav (M.D. Psychiatric)** presented a thought-provoking session on "The Growing Grip of Mobile Addiction." He educated students on the causes and effects of this issue and, more importantly, shared practical, effective solutions for building healthier technology habits.

Promoting Health, Hygiene, and Cleanliness

The importance of maintaining personal and environmental well-being was the focus of the final session. **Dr. Vanita Kokare** led an impactful presentation on "The Importance of Cleanliness, Health & Hygiene," emphasizing their connection to academic performance and overall quality of life.



4. COLLEGE ACTIVITIES

FIRST YEAR INDUCTION : DAY 3

Day 3: Thursday, August 7, 2025

Mastering Emotional Intelligence and Stress Management

As academic demands increase, **Dr. Aparna Pawar** guided our students through essential strategies in her session, "Emotional Intelligence and Stress Management." This presentation equipped students with practical tools to identify and effectively handle stress, fostering their overall success.

Maximizing IT and Library Resources

To help students work smarter, **Prof. P. B. Pawar (IQAC Coordinator)** detailed the "Effective use of computer facilities and IT resources." Students learned how to utilize key platforms like NPTEL, SWAYAM, and MOOCS and received training on the efficient use of the institute's library resources for their academic and research needs.

Focus on Personality Development

The afternoon focused on student growth beyond academics. **Prof. Dr. Ajit Chandgude (Principal-SVPM's College of Commerce, Science and Computer Education)** led a highly engaging session on "Personality Development," providing actionable tips for improving confidence and key soft skills essential for modern engineering professionals.



4. COLLEGE ACTIVITIES

FIRST YEAR INDUCTION : DAY 4

Day 4: Friday, August 8, 2025

Motivational Spark for Success

We started the final day with an inspiring motivational speech (निर्धार यशाचा) delivered by the dynamic speaker **Shri. Shashank Mohite**. His message re-energized the students and fortified their determination to achieve their academic and professional goals.

Advancing Women's Rights and Safety Awareness

A significant and necessary session, "Awareness programs to educate women about their rights and safety measures," was led by **Shakti Pathak from the Baramati Police Station**. This crucial presentation provided essential safety information and legal knowledge, empowering our students and promoting a safer campus community.

Connecting with Departments and Alumni

The final event of the program included personalized "Department Visits" where students met with their respective HODs to understand the scope of their chosen branch. This was uniquely paired with a rich "Interaction with Alumni," allowing current students to gain invaluable firsthand career insights from our past graduates. Students also completed a formal visit to the Institute Library.



4. COLLEGE ACTIVITIES

Successful Admissions for Academic Year 2025-26

The college has achieved a significant milestone with **485 students admitted** for the **Academic Year 2025-26**. This success across various diploma branches is a direct result of the relentless hard work and dedication of the entire **teaching and non-teaching staff**. Through coordinated outreach and counseling efforts, the team successfully showcased the institutional commitment to technical excellence. We extend our gratitude to every staff member for their contribution to this achievement and warmly welcome our new cohort of budding engineers.



"School Connect" Initiative Empowers SSC Students for Technical Careers

In alignment with MSBTE directives, the college successfully conducted the **"School Connect"** outreach program. This initiative focused on guiding SSC students through the transition to technical education, providing clear roadmaps for **Post-SSC Diploma** courses.

Faculty members interacted with students to explain the scope of various **Engineering branches** and the long-term career advantages of a diploma-led pathway. By demystifying the admission process and highlighting modern industrial trends, the program successfully equipped budding students with the information needed to make confident, informed career choices.



5. FACULTY ACHIEVEMENTS



Prof. P.B.Pawar Honored with National Teachers' Award 2025

Our faculty member, Prof. Purushottam Balaso Pawar, was conferred the prestigious National Teachers' Award 2025 on September 5, 2025. This highest recognition for educators in India was presented by the auspicious hands of the Hon'ble President of India Droupadi Murmu at a special ceremony at Vigyan Bhawan on the occasion of Teachers' Day.

Prof. Pawar's remarkable dedication over his 18 years in the Mechanical Engineering Department, coupled with his commitment to innovative teaching, research (with over 30 published papers), and entrepreneurship development, truly sets him apart. His numerous accolades, including previous State-level and Innovative Teacher Awards, attest to his profound impact both inside and outside the classroom.

This National Award is a testament to Prof. Pawar's tireless efforts to not only impart knowledge but also to mentor students and enrich the lives of our academic community. We extend our heartfelt congratulations and celebrate this immense achievement, which brings great honour to our institution!

5. FACULTY ACHIEVEMENTS



Prof. P. B. Pawar published a Book titled “The Engaged Classroom Philosophy to Practice” ISBN-978-93-343-6433-0 in August 2025 by Amazon Direct Publishing

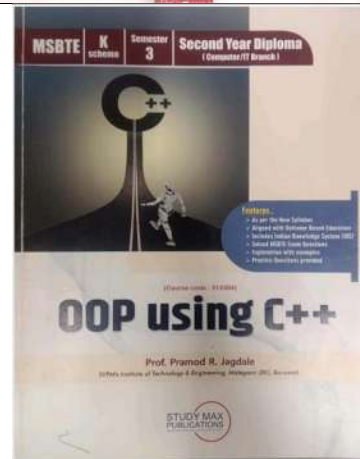
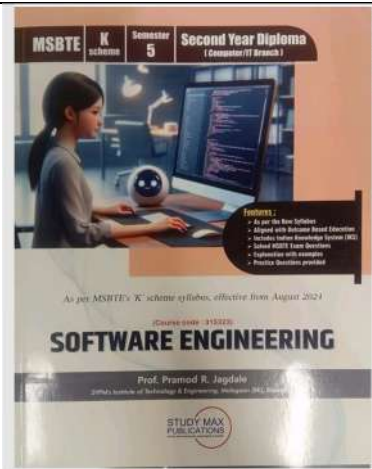
Published a Book titled Industrial Revolutions-Technologies, Sectoral Impacts, and Workforce Transformation, ISBN : 978-93-343-9170-1, December 2025 by Amazon Direct Publishing, Co Authored by Dr. S.R.Shaha

Received National Teacher Award 2025 by Ministry of Education Govt. of India in New Delhi on 5th September 2025.

Published A Book chapter Digital Transformation in Higher Education: Innovations, Strategies, and Challenges published in a Book titled Higher Education 4.0: Strategies for digital success. ISBN:978-93-6249-685-0

Academic Milestones: Prof. P. R. Jagdale Publishes New Textbooks

Our very own Prof. Pramod R. Jagdale, HOD of Computer Engineering, has authored and published two new textbooks for MSBTE’s Diploma in Computer/IT Branch under the 'K' scheme. The titles, OOP using C++ (Semester 3) and Software Engineering (Semester 5), provide essential, syllabus-aligned guidance for our students. Congratulations, Prof. Jagdale, on this valuable contribution to technical education!



5. FACULTY ACHIEVEMENTS

Sr No	Faculties	Titles	Department	Venue/Organizer/ Publisher	From Date
1	Prof. Taware Sachin Balasaheb	Recent Trends and Applications of Artificial Intelligence	Mechanical Engineering	Echelon Institute of Technology, Faridabad	14/07/2025 to 18/07/2025
2	Ms.Kadam Shital Dattatray	How to Publish research Paper in Scopus indexed journal	Electrical Engineering	Vidya Pratishtan's Polytechnic college, Indapur	07/07/2025 to 11/07/2025
3	Mrs.Barge Pallavi Kapil	How to Publish research Paper in Scopus indexed journal	Science and Humanities	Vidya Pratishtan's Polytechnic college, Indapur	07/07/2025 to 11/07/2025
4	Miss.Taware Komal Sanjay	How to Publish research Paper in Scopus indexed journal	Science and Humanities	Vidya Pratishtan's Polytechnic college, Indapur	07/07/2025 to 11/07/2025
5	Prof.Suresh Malakappa Nadagatti	Bloom's taxonomy in designing CO and assignment tools	Automobile Engineering	Internal quality assurance cell in association with department of electrical engineering of greater Kolkata college of engineering and management	04/08/2025 to 8/08/2025
		Emerging technologies and interdisciplinary innovation in engineering	Automobile Engineering	Course Devine technology Pvt Ltd	04/08/2025 to 08/08/2025
7	Purushottam Balaso Pawar	Emerging technologies and interdisciplinary innovation in engineering	Automobile Engineering	Course Devine technology Pvt Ltd	04/08/2025 to 08/08/2025
8	Prof. Purushottam Balaso Pawar	Innovation Ambassador Training	Mechanical Engineering	AICTE	07/08/2025
9	Ms.Kadam Shital Dattatray	Electric Vehicles: Technology, Infrastructure & Future Trends	Electrical Engineering	Sharadchandraa Pawar Institute of Technology, Someshwar	02/09/2025 to 06/09/2025

10	Prof Taware Sachin Balasaheb	Advance Manufacturing Processes	Mechanical Engineering	Sandip Institute of Technology and Research Centre, Nashik	23/09/2025 to 27/09/2025
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6. GREEN DAYS TO REMEMBER

Important Environmental Days

July 1–7	Van Mahotsav Week	An annual tree-planting festival in India aimed at increasing forest cover and awareness
July 26	International Day for Mangrove Ecosystem	Highlights mangroves as critical "blue carbon" sinks and natural coastal defenses. Theme for 2025: "Protecting Wetlands for our Future"
July 28	World Nature Conservation Day	Emphasizes the sustainable use of natural resources to maintain a healthy planet. Theme for 2025: "Connecting People and Plants"
July 29	International Tiger Day	Raises global support for protecting tiger habitats and doubling wild tiger populations.
August 10	World Lion Day	Focuses on the conservation of the "King of Beasts" and their shrinking African and Asian habitats.
August 12	World Elephant Day	Honors the intelligence of elephants and campaigns against poaching and habitat loss. Theme for 2025: "Matriarchs & Memories"
September 16	World Ozone Day	Commemorates the Montreal Protocol's success in phasing out substances that deplete the ozone layer. Theme for 2025: "From Science to Global Action"
September 21	Zero Emissions Day	Encourages a 24-hour moratorium on the use of fossil fuels to raise awareness about carbon footprints. Theme for 2025: "Giving the World a Day Off"
September 22	World Rhino Day	Unites conservationists to protect the five remaining rhino species from extinction and poaching. Theme for 2025: "Five Rhino Species Forever"
September 26	World Environmental Health Day	Highlights the direct link between the health of our environment and human well-being.