

**From the Desk of Executive President**



At Atharva, we are committed to fostering an environment where students not only excel academically but also gain the practical exposure necessary to thrive in the professional world. **Project Friday** is one such initiative that provides our students with an opportunity to enhance their technical expertise while actively engaging with industry experts.

This platform bridges the gap between theoretical knowledge and industrial requirements, ensuring our students are well-prepared to meet future challenges. I commend the dedication of our students and express my gratitude to the industry leaders who contribute their time and insights to make this initiative a success. Together, we are building a strong foundation for the innovators and leaders of tomorrow.

– **Executive President,**  
**Atharva Group of Institutes**

**Project Friday**

Atharva College of Engineering inaugurated **Project Friday – Week 1** on 18th July 2025, uniting student talent, innovation, and industry expertise across all engineering branches. The event featured an inaugural ceremony with the felicitation of **Mr. Kunal Maheshwari (CGO)** and **Mr. Faisal Khan (VP)** of Softlink Global, followed by insightful keynote addresses. With **100% participation from 279 student groups**, the day highlighted cutting-edge projects, creative solutions, and sustainable innovations. Guided by faculty and evaluated by industry experts, students gained mentorship, confidence, and real-world problem-solving experience. Envisioned by **Shri Sunil Rane**, the initiative fosters a culture of continuous innovation, incubation opportunities, and global collaborations at Atharva College of Engineering.



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## Department of Electronics and Telecommunication Engineering

### Seminar

The **Department of Electronics and Telecommunication Engineering**, Atharva College of Engineering, in collaboration with **Atharva Satellite Ground Station, R&D Cell, IEEE Atharva Student Branch (SBC 62431), and IETE Student Forum, ACE**, organized a seminar on “*HAM Radio Communication*” on **14th July 2025**. The session was conducted by **Mr. Jayesh Banatwala, Founder of the Mumbai Amateur Radio Institute**, who introduced students to the fascinating world of HAM radio. The seminar sparked curiosity in the field of wireless communication while highlighting the crucial role of HAM radio as a reliable tool during emergencies, thereby creating awareness of its societal significance.



The **Department of Electronics and Telecommunication Engineering**, Atharva College of Engineering, organized a seminar on “*Securing Future – Blockchain and Cybersecurity Solutions for a Decentralized World*” on **6th August 2025**. The session was conducted by **Mr. Harsh Tandel, Ms. Urvi Chheda, Ms. Bhakti Gujar, and Mr. Ambrish Kumar**, who shared their expertise on the convergence of Blockchain technology and Cybersecurity. The seminar highlighted the transformative potential of these technologies in safeguarding the decentralized digital ecosystem and provided students with valuable insights into emerging trends and real-world applications.



### Guest lecture

The **Department of Electronics and Telecommunication Engineering**, Atharva College of Engineering, in association with **IETE SF-ACE**, organized a guest lecture on “*Emerging Technologies for Next-Gen Semiconductor Systems*” on **11th August 2025**. The session was delivered by **Mr. Shubham Sanjay Chachan, Associate Embedded Developer at Global Foundries**, who shared valuable insights into the latest advancements and future trends in semiconductor technology. The lecture emphasized the growing significance of semiconductors in electronics, computing, and embedded systems, offering students a deeper understanding of this rapidly evolving domain.



## Workshop

The Department of Electronics and Telecommunication Engineering of Atharva College of Engineering, in association with IETE SF-ACE, organized a two-day workshop on “*Virtual Circuit Building: An Introduction to Modern EDA Tools*” from 31st July to 1st August 2025. Conducted by Prof. Mahalaxmi Palinje, Assistant Professor, EXTC Department, the workshop aimed to equip Second Year students with the knowledge and skills to design, simulate, and analyze electronic circuits using modern platforms. The sessions provided hands-on experience with **TinkerCAD**, a beginner-friendly tool for interactive circuit building, and **LTspice**, a powerful platform for advanced analog and mixed-signal simulations.



The **Department of Electronics and Telecommunication Engineering**, in association with **IETE SF-ACE**, organized a **two-day hands-on workshop** on “*Introduction to Python Programming*” on **12th and 13th August 2025**. The sessions were conducted by **Ms. Indrayani Nishane, Research Scholar, Centre for Educational Technology, IIT Bombay**, who introduced students to Python programming through **PyGuru**, a specialized Computer-Based Learning Environment (CBLE).



The workshop combined guided instruction with interactive tasks, enabling students to strengthen their programming foundation and gain practical coding experience.

## Department of Computer Engineering

### Educational Visit to Environmental Sustainability Facilities at Atharva University

The **Department of Computer Engineering**, Atharva College of Engineering, organized an **educational visit** to the **Environmental Sustainability Facilities at Atharva University** on **4th August 2025**. A total of **81 second-year CMPN students** had the opportunity to explore the **Sewage Treatment Plant, Solid Waste Management Plant, and Rainwater Harvesting Pits**, gaining hands-on exposure to sustainable resource management practices. The visit effectively bridged classroom learning with real-world applications, encouraging students to embrace eco-conscious practices and inspiring them to innovate technology-driven solutions for future environmental challenges.



### Seminar/Workshop/ Alumni Talk:

The **Computer Engineering Department** organized the **TE Mini Project Orientation Program 2025-26 (Odd Semester)** on **9th July 2025**, coordinated by **Prof. Shweta Shukla**. The session guided Third Year students on project expectations, timelines, and deliverables, providing them with a clear roadmap for effective project execution.



Prof. Shweta Shukla conducted the Orientation Program for Second-Year students

**Dr. Ridhima Bhalla** organized an **Educational Visit** to the **Environmental Sustainability Facilities at Atharva University**, with the participation of **81 students**. The visit provided valuable exposure to sustainable practices and reinforced the importance of environmental responsibility in engineering education.



Prof. Shriya Salunkhe and Prof. Shweta Shukla (CMPN) organized a “Full Stack Development Boot Camp” for SE students in association with CSI, IQAC-ACE, and IIC-ACE.



The **Computer Engineering Department** organized an **Orientation Program** for the **Final Year B.E. students** on career readiness and placements. Coordinated by **Prof. Pranali Bhusare** and **Prof. Anjali Kumari**, the session engaged **119 students**, acquainting them with the placement process, industry expectations, and the range of training opportunities available to enhance their employability skills.



## Department of Electronics and Computer Science

The Department of Electronics and Computer Science hosted an orientation program on 7th July 2025 for SE, TE, and BE students. The session introduced the department's vision, mission, and operational framework while familiarizing students with academic protocols, resources, and institutional support systems. Students were also guided through opportunities across curricular, co-curricular, and extracurricular activities to support holistic development. Additionally, a structured academic roadmap for the 2025–26 sessions was shared, providing clear insights into academic progression and expectations.



The Department of Electronics and Computer Science conducted project review presentations for TE and BE students on 9th and 15th July 2025. Students showcased their project progress, detailing objectives achieved, methodologies used, and challenges faced. Faculty provided valuable feedback and guidance to help refine their work in line with academic and industry standards. The sessions served as an important platform to evaluate project milestones and ensure timely completion.



The Department of Electronics and Computer Science organized a three-day workshop on “Concepts of Data Structures and Algorithms” from 11th to 13th August 2025. Conducted by Mr. Aditya Soni for BE students, the workshop aimed to strengthen technical foundations and prepare them for upcoming placement sessions. A total of 32 students participated, engaging in core concept discussions, problem-solving exercises, and placement-focused practice, gaining valuable insights and confidence for technical interviews.



## Department of Electrical Engineering

The Department of Electrical Engineering conducted an orientation program for SE, TE, and BE students on 7th July 2025. The session introduced the department's vision, mission, and operational framework, familiarizing students with academic protocols, departmental resources, and institutional support systems. It also highlighted curricular, co-curricular, and extracurricular opportunities, while presenting a structured academic roadmap for the 2025–26 sessions.



The Department of Electrical Engineering hosted a webinar on 17th July 2025, featuring Mr. Manan Pathak, Senior Manager – New Technology Management at GERMI, Gandhinagar. The session familiarized students with technological advancements in the electrification of heavy-duty vehicles, explored engineering challenges in large-scale transport electrification, and highlighted emerging career opportunities in electric mobility and sustainable energy. A total of 88 students from SE, TE, and BE participated in the enlightening session.



The Department of Electrical Engineering organized a webinar on 17th July 2025, featuring Mr. Sandip Takwani, Assistant Manager at Karnavati Innovation and Incubation Foundation, Gandhinagar. The session introduced students to the fundamentals of Intellectual Property Rights (IPR) and highlighted their strategic importance in engineering, design, and innovation. Students learned how IPR can protect creative work, support commercialization, and enhance the value of technological and design projects. The webinar encouraged a proactive approach toward innovation and intellectual property management, with 82 students from SE, TE, and BE participating.



The Department of Electrical Engineering successfully hosted a Round Table Discussion on 6th August 2025, aimed at fostering cross-disciplinary dialogue among students, faculty, and industry professionals. The event provided a dynamic platform to explore the evolving role of electrical engineering in addressing global challenges related to energy, environment, and sustainability, while promoting human-centric design, green innovations, and ethical engineering practices.



The distinguished panel included:

- Mrs. Alka Solanki – HR Leader, Fabtech Technologies Ltd.
- Mr. Vikas Gupta – Dean (Academics), Head – CSE & DS, Professor – EXTC, Vidyavardhini’s College of Engineering & Technology
- Ms. Namrata Walavikar – Management Trainee, Thermax Limited (New Energy Sector)
- Mr. Ajay Vasranrao Naik – Electrical Safety Auditor, Technocrats
- Mr. Santosh Shingote – AVP, DC Facility Operations, NSE
- Mr. Nikhunj Sodhani – Managing Director, Vaikuntha Energie
- Mr. Manoj Chouhan – AVP, Head – Borivali Division, Adani Electricity

A total of 119 students from SE, TE, and BE actively participated, engaging enthusiastically with the panel and contributing to the success of the event.

The Department of Electrical Engineering organized a Model United Nations (MUN) session on 6th August 2025, themed “Next-Generation Electrical Systems: Smarter, Safer, Greener.” The event provided students a platform to engage in policy-driven discussions, exploring innovative, sustainable, and secure solutions to global energy challenges.



The MUN simulated a policy-making environment, encouraging students to analyse and debate energy challenges, smart grid deployment, clean energy integration, safety regulations, and environmental impact from a global, multi-stakeholder perspective. The session also fostered interdisciplinary thinking, leadership, diplomacy, research, and public speaking skills.

Participants represented different countries and organizations, mirroring a real United Nations conference, and engaged in intensive deliberations on the policy, ethical, and technical aspects of future electrical systems. The session highlighted the pivotal role of engineers as global problem-solvers influencing both technology and policy.



The Department of Electrical Engineering, in association with IETE SF-ACE, successfully conducted a two-day hands-on workshop on “Introduction to Python Programming” on 12th August 2025. The sessions were facilitated by research scholars from the Centre for Educational Technology, IIT Bombay: Ms. Indrayani Nishane, Ms. Jyoti Shaha, Mr. Vishwas Badhe, and Mr. Setu Maheshwari.



The workshop sessions utilized PyGuru, a specialized Computer-Based Learning Environment (CBLE) that supports beginners in learning Python through guided instruction and interactive tasks. This innovative platform enabled students to engage effectively with core programming concepts in an intuitive and accessible way. A total of 40 students from SE and TE actively participated in the workshop.

Students from the Electrical Engineering batches actively participated in the workshop, which combined expert instruction with an interactive format. The sessions strengthened their foundation in Python while promoting logical thinking and problem-solving skills. Highly appreciated by the participants, the workshop offered a valuable learning experience, enhancing both technical knowledge and practical abilities.



## Department of Information Technology

### Seminar

GDGC ACE, in collaboration with the Department of INFT, conducted “The Full Stack Java Programming Seminar” on 17th and 24th July 2025 for Second Year INFT students. The sessions focused on strengthening core Java programming skills and introducing backend development with Spring Boot, enabling students to build real-world, project-ready applications. Participants gained a solid understanding of Java syntax and object-oriented programming, practical experience in developing RESTful APIs, insights into backend system development, and enhanced readiness to create Java-based academic or personal projects.



### Alumni talk

The INFT Department organized an alumni talk on 25th August 2025, featuring Mr. Harsheet Jani (Intern, AR/VR Lab) and Mr. Makrand Kadam. The alumni inspired students by emphasizing the importance of higher studies in the IT domain and shared valuable strategies for securing placements and excelling in job interviews. They provided insights on effective methods, time management techniques, and career opportunities, highlighting the benefits of both higher education and professional placements for building a successful career.



## Faculty Achievement

- Dr. Suvarna Pansambal , Shriya Salunkhe and Prof Shweta Shukla attended a five-day Faculty Development Program (FDP) on Cloud Computing, organized collaboratively by J B Institute of Engineering & Technology (JBIET), Hyderabad; GITA Autonomous College, Bhubaneswar; Hyderabad Institute of Technology & Management (HITAM), Telangana; R V Institute of Technology & Management (RVITM), Karnataka; and Atma Malik Institute of Research & Technology (AMRIT), in association with ExcelR Edtech Pvt. Ltd.

- Dr. Suvarna Pansambal, Prof. Shriya Salunkhe, and Prof. Shweta Sharma Shukla attended a 5-day FDP on *Data Analytics Using Power BI*, organized by Atria Institute of Technology (AIT), Bangalore, and Annasaheb Dange College of Engineering & Technology, Ashta, in collaboration with ExcelR Edtech Pvt. Ltd.

- Prof. Pranali Prabhakar Bhusare and Prof. Mahendra Patil participated in a 6-day and 5-day FDP respectively on *Revolutionizing Education with AI: Leveraging Next-Gen Tools for Smarter Teaching and Learning*, organized by St. Francis Institute of Technology, Mumbai.

- Dr. Shweta Sharma and Prof. Pranali Prabhakar Bhusare attended a 5-day FDP on *Generative AI*, organized by Brainovision and hosted by Army Institute of Technology.

- Dr. Suvarna Pansambal also completed a 6-day STTP on *Building the Future with AI: From Industry Practices to Cutting-Edge Research*, organized by Thakur College of Engineering.

**Dr. Ritu Sharma** was invited as a Subject Expert in Professional Communication and Ethics to conduct the Selection Committee Interviews for teaching positions at Shree L.R. Tiwari College of Engineering on 5th August 2025.

- Prof. Mahendra Patil attended a 6-day STTP on *Building the Future with AI: From Industry Practices to Cutting-Edge Research*, organized by Thakur College of Engineering.

- Dr. Shweta Sharma and Prof. Anuja Gaikwad participated in a 5-day STTP on *Revolutionizing Education with AI: Leveraging Next-Gen Tools for Smarter Teaching and Learning*, organized by St. Francis Institute of Technology, Mumbai.

- Prof. Pranali Prabhakar Bhusare published a paper titled “*A Comprehensive Survey on Deep Learning Techniques for Video Captioning*” at the First International Conference on Advent Trends in Computational Intelligence and Communication Technologies (ICATCICT 2024), indexed in SCOPUS, 2025.

- Dr. Suvarna Pansambal was appointed as a reviewer for multiple prestigious platforms:

- ✓ *Journal of Advances in Microbiology*
- ✓ *International Conference on Emerging Technologies for Sustainable Development (ICETS) 2025*
- ✓ *Journal of Engineering Research and Reports*

- Prof. Mahendra Patil, Prof. Shriya Salunkhe, Prof. Shweta Shukla, Prof. Nagraj Acharya, Prof. Prety Banshod, and Prof. Archi Modi visited *Automation Expo 2025*, sharing their observations and insights on advanced applications in the field. They were accompanied by Hon. Shri Sunil Rane, Executive President of Atharva Group of Institutes and Founder Secretary of AET.

## Student Achievements

- Tanmay P. Kadam (TE-1, CMPN) successfully completed the online course “*Business Analytics with Excel*” organized by Microsoft.

- Mannan Vikas Kochar participated in a Hackathon organized by Code Tantra at Thadomal Sahani Engineering College and was selected as a finalist.

- Shubham Jha participated in the Code Tantra Hackathon at TSEC and secured **Second Position**.

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### **Project Friday – Week 2 at ACE**

On 25th July 2025, Atharva College of Engineering hosted the second edition of Project Friday, blending student innovation with futuristic learning. The day featured parallel project presentations across departments, where students showcased their ideas and gained constructive feedback. Students also had the unique opportunity to present their projects before Shri Sunil Rane, Founder and Chancellor of Atharva University, who shared valuable insights and suggested avenues for further improvement. A highlight of the event was an expert talk on “Introduction to Quantum Computing” by Prof. Bhagyashree Gaikwad, which broadened students’ horizons toward emerging technologies. With cross-departmental collaboration, peer learning, and expert guidance, Week 2 reinforced Project Friday as a platform for innovation, confidence building, and industry readiness.

### **Project Friday – Week 3 at Atharva College of Engineering**



On 1st August 2025, Atharva College of Engineering hosted the third edition of Project Friday, a vibrant showcase of student innovation and expert insights. Students from all departments presented their projects in parallel sessions, gaining constructive feedback from faculty and peers. The day also featured impactful seminars —“Wings of AI Leadership, GEN AI and Integrated ML Sustainable Matrix” by Mr. Pradeep Kashyap. Also a Seminar on “Neuroscience-Based Brain

Mapping and Counselling with AI” was conducted by Ms. Anushka Chhetri and Ms. Diksha Kulshrestha, which expanded students’ horizons on cutting-edge technologies. With high participation, creative problem-solving and industry-aligned learning, Week 3 reinforced Project Friday as a hub of innovation and real-world readiness.

### **Project Friday – Week 4 at Atharva College of Engineering**



Held on 8th August 2025, Week 4 of Project Friday was a dynamic blend of student innovation, alumni insights, and expert guidance. Alongside parallel project presentations, the day featured engaging sessions on AR in gaming by alumnus Mr. Ameen Aga, “SAP & Cloud-Based Solutions” by Mr. Nitin Khade, and a high-energy Pitchathon led by Dr. Kiruthika. Students gained valuable exposure to emerging technologies, sharpened their pitching and problem-solving skills, and explored the potential of transforming raw ideas into viable ventures. With strong industry-academia collaboration and enthusiastic participation, the initiative continues to strengthen Atharva’s culture of innovation and real-world readiness.

## Project Friday – Week 5 at Atharva College of Engineering



On 14th August 2025, Atharva College of Engineering unfolded the fifth chapter of Project Friday, blending student creativity, expert wisdom, and competitive spirit. Budding engineers showcased their projects across departments, receiving constructive feedback and exchanging ideas with peers. The session was enriched by an engaging seminar on the “Revolution of Electronics in the IT Industry” by Mr. Shubham Chachan (Analog RF Design Engineer, Global Foundries, Bangalore), followed by the dynamic “Relay My Idea” contest, which encouraged agile thinking, collaboration, and original solutions.

## Project Friday – Week 6 at Atharva College of Engineering



On 22nd August 2025, Project Friday took on an exciting dimension with a vibrant blend of technology, innovation, and hands-on exploration. Students unveiled their projects across departments, while the National Space Day celebration introduced them to satellite communication and live antenna demonstrations by Mr. Jayeesh Banatwala and the Ground Station Team. A drone workshop by tech innovator Mr. Gaurav Singh gave participants practical exposure to drone design and applications, followed by an Ideathon that pushed students to pitch bold solutions to real-world challenges.



## Project Friday – Week 7 at Atharva College of Engineering

Project Friday – Week 7, held on 29th August 2025, celebrated innovation, technical learning, and creativity. Students showcased their projects in parallel sessions, accompanied by an *Ethical Hacking* workshop conducted by **Mr. Sandip Gavit** from TechnoHacks EduTech, and the “*Beyond the Horizon*” competition, fostering problem-solving and forward-thinking ideas. **Shri Sunil Rane**, Founder and Chancellor of Atharva University, felicitated outstanding student projects and recognized faculty mentorship. Selected projects received funding support from the University to develop final prototypes, empowering students to transform their innovative ideas into impactful real-world solutions.



## NSS

On 7th July 2025, the NSS Atharva B-57 Unit actively participated in *Pack a Meal*, organized in collaboration with 'Rise Against Hunger'. The event began with an introduction outlining the initiative's objectives and volunteer responsibilities. Demonstrating enthusiasm and teamwork, the volunteers successfully packed **628 boxes of nutritious meals** to support communities in need.



On 19th July 2025, the NSS Atharva B-57 Unit took part in a De-addiction Rally organized by Ekta Anch, starting from Chacha Nehru Park and concluding at the Children Welfare Centre.



The NSS Atharva B-57 Unit actively participated in the Independence Day celebrations at Atharva College of Engineering. The event included the felicitation of guests by Shri Sunil Rane, followed by an inspiring speech from the Chief Guest. The celebration also featured vibrant performances, including a play by the NSS unit highlighting significant historical events.



## Training and Placement Cell

### TCS Code Vita Program at Atharva College of Engineering

Atharva College of Engineering hosted the prestigious TCS CodeVita Program for students across all branches on August 25, 2025. The event was successfully conducted in collaboration with the TCS Team – Mr. Clifton Vaz, Mr. Naveen Shetty, and Ms. Rinky Lovanshi.

It marks a valuable initiative fostering innovation, coding skills, and industry-academia collaboration.



### Editorial Board

Dr. Ramesh Kulkarni, Principal, ACE, Malad.

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Any information or suggestions are welcomed at [niranjansamudre@atharvacoe.ac.in](mailto:niranjansamudre@atharvacoe.ac.in).

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