

### From the Desk of Executive President



It gives me great pleasure to share the success of **IEEE TECHITHON '26**, a three-day technical event that encouraged innovation and creativity among students. The event included an engaging Hackathon where participants worked together to develop solutions for real-world problems. A Project Exhibition was also organized, where **108 projects from across India** were showcased. Students presented thoughtful and creative ideas from different areas of technology, making the event a wonderful platform for learning, collaboration, and exchange of ideas. I would also like to congratulate the **First-Year Engineering students** for their enthusiastic participation in the **Avinay Project Competition** held during **Project Friday – Week 31**. Their hard work and dedication were clearly visible through the presentation of **35 internal projects** and **10 projects from other colleges**. The confidence and clarity with which the students presented their work show that they are building a strong academic foundation from the very beginning of their engineering journey.

Activities like these help strengthen **project-based learning at Atharva University** and encourage students to think creatively, work as a team, and apply their knowledge in practical ways. I congratulate all the students, faculty members, and organizers for their sincere efforts in making these events successful. I wish everyone continued success and growth in the years ahead at Atharva.

Sunil Rane  
 Executive President, Atharva Group of Institutes  
 Founder and Chancellor, Atharva University

### IEEE TECHITHON 2026

IEEE TECHITHON '26 was a three-day technical event promoting innovation among students. The event began with an inauguration ceremony and a Hackathon. A project exhibition showcased 108 projects from across India. Participants presented innovative ideas from various technology domains. The exhibition attracted more than 2000 plus school and College students. They explored projects and interacted with the participants. The event encouraged learning, creativity, and collaboration. The final day concluded with a prize distribution ceremony. Winners were recognized for their outstanding projects. Overall, IEEE TECHITHON was a grand hit and a great success.



### Contents:

- IEEE Techithon' 26 Pg1
- INFT. Dept. Activities Pg. 2
- CMPN Dept. Activities Pg.4
- ECS. Dept. Activities Pg. 6
- HAS Dept. Activities Pg.7
- T & P Dept. Activities Pg.

## Department of Information Technology

### EVENTS:

I. Google Developers Groups at Atharva College of Engineering (GDGC ACE) successfully organized the Tech Sprint Hackathon, with the offline final round held on 2nd January 2026 from 10:00 AM onwards at SCR 1, 5th Floor, Phase 1. This multi-phase hackathon witnessed 100+ teams and 250+ participants, who worked relentlessly to build impactful solutions. From idea brainstorming to intense development and mentoring sessions, participants showcased creativity, technical skills, and teamwork throughout the event. After a competitive online phase, the Top 12 teams advanced to the offline final round, where they presented their projects live in front of an experienced jury. With a ₹5,000 prize pool at stake, the final day was filled with energy, sharp ideas, and inspiring solutions. The hackathon aimed to provide participants with real-world problem-solving experience, encourage innovation using modern technologies, and foster a strong developer community on campus.



### II. GDGC ACE Core Team Organizes “The Pulse – WebxCloud 2025–2026” Bootcamp

The GDGC ACE Core Team successfully organized “The Pulse – WebxCloud 2025–2026”, a three-day offline bootcamp from 16th to 18th February 2026. The event was coordinated by Prof. Nileema Pathak and Prof. Priti Mishra from the Information Technology (INFT) Department. A total of 83 students from Second Year, Third Year, and Final Year Engineering actively participated in the programme.

The bootcamp focused on the theme “Full-Stack E-Commerce Development with Hands-on Build and Deployment.” The objective of the session was to provide students with practical exposure to full-stack web development and help them understand the complete process of building and deploying a real-world application.

During the three days, students were guided through different stages of development, including frontend design, backend integration, database management, and cloud deployment. Modern tools and technologies such as Docker and CI/CD pipelines were also introduced to demonstrate current industry practices. Through interactive and hands-on sessions, participants worked on creating an e-commerce application, where they designed user interfaces, implemented server-side functionality, and learned how to deploy their applications on the cloud. The sessions helped students understand real-world development workflows and strengthened their confidence in building scalable web applications.

The bootcamp concluded with a live cloud deployment of the developed application, giving students valuable exposure to full-stack development and modern DevOps practices. The event proved to be a highly enriching learning experience for all participants.



### Seminars

I. In collaboration with The National Digital Library of India (NDLI) Club, an online seminar was conducted by INFT Faculty Vaidehi Agarwal on the topic “Presenting with Purpose: Effective Paper Presentation Skills” on January 20, 2026. The seminar focused on enhancing students’ presentation abilities, emphasizing structured delivery, clarity of ideas, confidence, and effective communication techniques. This session was designed to help engineering students learn how to prepare and deliver clear, professional technical paper presentations. Its main focus was on structuring technical content, explaining complex

ideas simply, designing effective slides, and communicating results with confidence. Students gained practical tips to present research, projects, and technical papers in a clear, logical, and impactful manner suitable for academic and professional purpose.

## II. A session on -“Fundamentals of Robotics with Hands-on Demonstration”

A session titled “Fundamentals of Robotics with Hands-on Demonstration” was conducted on 21st January 2026. The session was organized by the GDGC ACE Core Team for SE, TE, and BE students.

The session introduced students to the basic concepts of electronics and robotics. It included a hands-on activity where students built a miniature turret using electronic modules, demonstrating the integration of hardware and software in robotic systems.

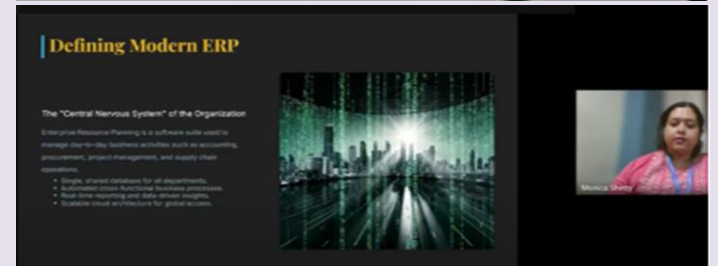
The programme helped students understand fundamental robotics concepts, develop practical skills, and increased their interest in robotics and innovation.



In collaboration with the National Digital Library of India (NDLI) Club, an online seminar on “ERP and Its Industrial Applications” was conducted by INFT faculty Prof. Monica Shetty on 12th February 2026..

The seminar introduced students to the concept of Enterprise Resource Planning (ERP) with practical industry examples. It explained how ERP systems integrate major business functions such as finance, human resources, supply chain, and customer management through a centralized database.

Students also learned about the use of ERP across various industries including manufacturing, IT services, telecom, healthcare, and retail, along with the role of networking, cloud infrastructure, and security in modern ERP systems.



## FDP Session:

The Faculty Development Programme (FDP) on “Flutter” was conducted on 12th February 2026 at Atharva College of Engineering under the Atharva Centre of Professional Development & Skills, in association with IQAC, IIC, and ISTE. The session was delivered by Prof. Prasad Sangale from the INFT Department and was held offline at SCR2, with 38 teaching staff members participating.

The objective of the FDP was to introduce faculty members to cross-platform mobile application development using Flutter and provide an overview of the Flutter framework and the Dart programming language. The session also highlighted current industry trends in mobile app development and encouraged faculty members to integrate these technologies into teaching and learning practices.



## Alumni Talk

The Department of Information Technology at Atharva College of Engineering organized an Alumni Talk on 5th February 2026 for Second and Third Year students on the topic “Optimizing Performance in AR/VR and Games.” The session was delivered by alumni Mr. Harsheet Jani and Mr. Aga Ameen.

The speakers shared valuable insights into the technical and performance aspects of game development from an industry perspective. They also introduced students to their game “Human Override,” an augmented reality (AR) first-person shooter game available on the Play Store, which combines computer-generated visuals with real-world environments.

The session provided students with practical exposure to AR/VR technologies and game development, motivating them to explore career opportunities in this emerging field.



## Department of Computer Engineering

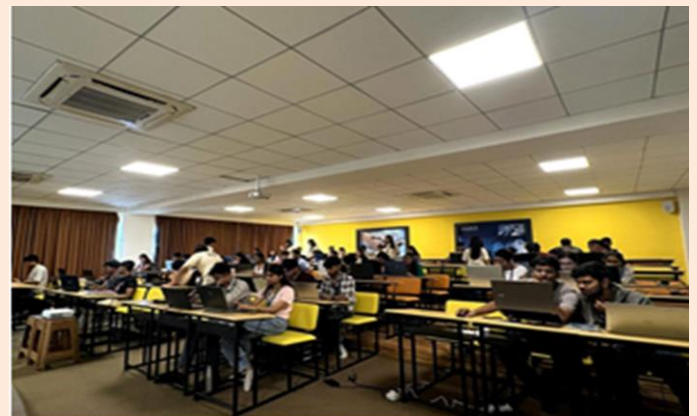
The Computer Society of India (CSI) Committee proudly organized Code Craft 2.0, a three-day flagship technical event held on 20th, 21st, and 22nd February 2026. The event aimed to encourage innovation, creativity, and technical excellence among students, providing them with a platform to showcase their skills and ideas



### Day 1 – 20th February-

The inaugural day of Code Craft 2.0 was graced by esteemed guests **Dr. Abdul Moid, Mr. Jayesh Khade, Mr. Balaji Govindacharya, and Dr. Suresh Shaan**, whose presence added great value and inspiration to the event. Their words of encouragement motivated participants to innovate, think critically, and strive for excellence in the field of technology.

The first day featured two competitions — **DesignX** and **Big-O Battle**. **DesignX**, a UI/UX design competition, saw enthusiastic participation from **105 students** who showcased their creativity by designing user-friendly interfaces. **Big-O Battle**, a DSA coding competition, had **41 participants** competing to demonstrate their skills in **logic, algorithms, and problem-solving**. Both events created an energetic and competitive learning environment for the students.



## Day 2 & 3 – 21st and 22nd February :

The second and third days were dedicated to **DevHacks – a 24-Hour Hackathon**, which brought together some of the brightest innovators of the college.

A total of **50 teams** participated in the hackathon — **25 teams in the Web Development domain** and **25 teams in the AI/ML domain**. These teams were shortlisted from an overwhelming **211 registrations**, based on a rigorous **resume screening and interview round**, ensuring high-quality participation.

Throughout the 24-hour coding marathon, teams worked tirelessly to build impactful solutions to real-world problems. To ensure industry relevance and technical depth, **industrial experts were invited for judging and mentoring**, guiding participants and evaluating projects based on innovation, feasibility, and implementation.



## Prize Distribution Ceremony – 27th February :

The Prize Distribution Ceremony was held on **27th February** in the esteemed presence of **Sri Sunil Rane Sir ,Principal sir**, along with respected Heads of Departments and faculty members. The ceremony celebrated the hard work, creativity, and dedication of all participants and winners, marking a proud moment for the CSI Committee and the institution.



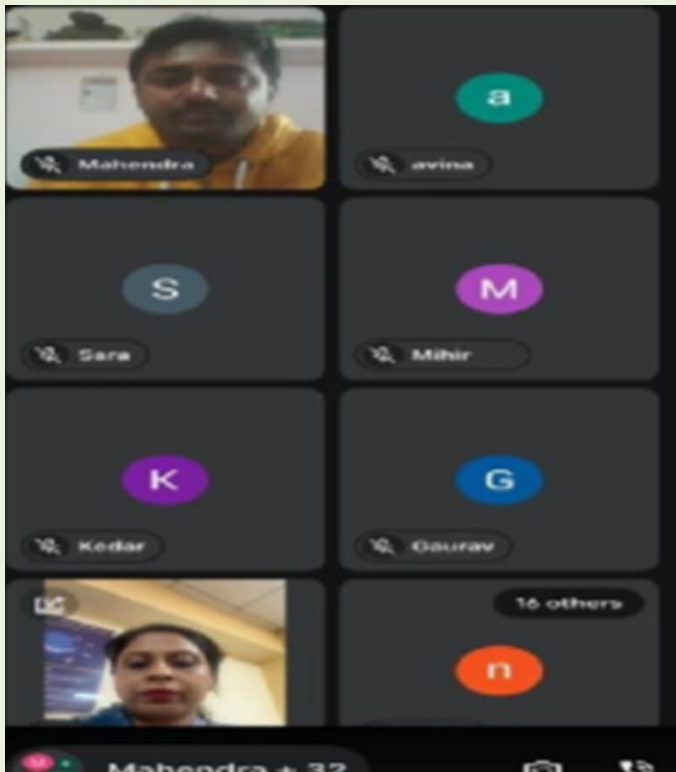
CodeCraft 2.0 was not just a technical fest but a celebration of innovation, collaboration, and excellence. The event successfully provided students with practical exposure, industry interaction, and a platform to transform ideas into impactful solutions.

The grand success of CodeCraft 2.0 stands as a testament to the dedication of the CSI Committee members, volunteers, faculty coordinators, and the enthusiastic participation of students.

## Department of Electronics & Computer Science

### 1. Webinar on “Power Systems and Career Guidance”

The Department of Electronics and Computer Science organized an online webinar on “Power Systems and Career Guidance” on 7 January 2026, delivered by **Mr. Mahendra Mhamane** and coordinated by **Prof. Deepshikha Hinger**. Around 45 students from SE, TE, and BE participated in the session. The webinar covered topics such as modern power grids, renewable energy integration, and smart grid technologies. The speaker also discussed industry tools, technical skills, and career opportunities in the power and energy sector. The session helped students understand industry expectations and the growing demand for skilled engineers in sustainable energy systems.



### 2. BE Subject Orientation – Project Management

An Orientation Session for the BE Institute Level Optional (ILO) subject – Project Management was conducted by the Head of the Department, **Dr. Saumya Singh** for final year students of the Electronics and Computer Science Department on 4th February 2026. During the session, the HOD explained the course structure, objectives, and key concepts related to project planning, scheduling, risk management, and team coordination.

Students were also guided on the importance of effective project management skills in engineering projects and industry environments, along with the role of proper planning, documentation, and teamwork in successful project execution.



*Orientation Sessions*

### 3. BE Subject Orientation – Natural Language Processing (NLP)

An Orientation Session for the BE Department Level Optional (DLO) subject – Natural Language Processing (NLP) was conducted by **Prof. Sanskruti Kambale** for final year students of the Electronics and Computer Science Department on 4th February 2026, at 3:00 PM to 4:00 PM.

During the session, the professor introduced students to the course objectives, syllabus structure, key concepts, and practical components of NLP. The session also highlighted the importance of Natural Language Processing in modern applications such as chatbots, language translation, sentiment analysis, and AI-driven communication systems. Students were guided on project ideas, research opportunities, and the relevance of NLP skills in the current AI and data science industry.



*Orientation Sessions*

## Department of Humanities and Applied Sciences

### A Seminar on “Role of Chemistry in Semiconductor and Electronics Industry”

A seminar on “Role of Chemistry in Semiconductor and Electronics Industry” was conducted on 17th February 2026 at Atharva College of Engineering. The session was delivered by Dr. Hemant Khanolkar, HOD, Department of Humanities, Fr. Conceicao Rodrigues College of Engineering, Mumbai. He highlighted the significance of chemistry in semiconductor technology, microchip fabrication, and electronics manufacturing. Key topics included semiconductor materials, doping, photolithography, CVD, etching, and nanomaterials. The seminar emphasized India’s growing role in the electronics sector and emerging career opportunities. Students gained insights into the interdisciplinary nature of semiconductor technology and the importance of research and innovation in materials chemistry.



### A Report on Industrial Visit to Jodhpur (Rajasthan)

The Department of Humanities and Applied Sciences organized an Industrial Visit to General Engineering Company (GEC) and Kansara Modular Limited, Jodhpur, Rajasthan, as part of the academic curriculum.

The visit provided valuable insights into ancient Indian architecture, Buddhist philosophy, and sustainable practices. Faculty members guided students in understanding the historical and cultural significance of the site. The experiential learning approach strengthened their appreciation of India’s rich heritage and scientific traditions. The visit proved to be an enriching and memorable academic experience.

Students gained practical exposure to sand and shot blasting equipment manufacturing at GEC, observing fabrication, assembly, and quality testing processes. At Kansara Modular Limited, they explored the production of ultra-high-precision bearing rollers, including cold forging, heat treatment, and precision grinding. The visit highlighted the importance of advanced machinery, CNC technology, and strict quality control systems. Students also learned about industrial safety practices and export standards followed by global manufacturers. The experience successfully bridged the gap between theoretical concepts and real-world industrial applications.



### A Report on Industrial Visit to Sanjay Gandhi National Park-Borivali (East)

First Year Engineering students of Atharva College of Engineering visited Sanjay Gandhi National Park on 4th and 5th February 2026 as part of the Indian Knowledge System curriculum. The highlight of the visit was an educational exploration of the ancient Kanheri Caves, a renowned centre of Buddhist learning dating from the 1st century BCE to the 10th century CE. Students observed chaityas, viharas, stupas, inscriptions, and advanced rock-cut water management systems. The visit provided valuable insights into ancient Indian architecture, Buddhist philosophy, and sustainable practices. The experiential learning approach strengthened their appreciation of India’s rich heritage and scientific traditions.



## **Avinya 2K26 – First Year Engineering Project Competition**

The **First Year Department of Atharva College of Engineering** organized **Avinya 2K26**, a project competition and exhibition for first-year engineering students on 27th February 2026. **The event aimed to encourage project-based experiential learning**, helping students develop innovation, creativity, teamwork, technical communication, and problem-solving skills at an early stage of their engineering journey. The **inauguration ceremony** was graced by **Shri R. L. Bhardwaj, Scientific Officer and Head of Division, Laser and Plasma Technology Division, BARC.**

The competition featured an exhibition of 45 innovative projects, including 36 projects from Atharva College of Engineering and 9 projects from other engineering colleges. The projects were evaluated by expert faculty members based on innovation, feasibility, technical understanding, teamwork, and presentation skills. The event concluded with a prize distribution ceremony by Hon. Shri Sunil Rane, Founder, Atharva University, making Avinya 2K26 a valuable platform for young engineering students to showcase their ideas and learn from experts.



In addition, several organizations including RateBot AI, Cyber Managers Software Services (CMSS), Frootle India Pvt. Ltd., and Haribhakti & Co LLP visited the campus for recruitment, enabling direct interaction between students and recruiters. Students also participated in selection processes conducted at company premises such as Startologic Technologies, Tecnimont Pvt. Ltd., Onyx Techno Solutions, and Lightforce BuildINT Pvt. Ltd., gaining valuable corporate exposure. Further strengthening its skill development initiatives, the department organized a **Solar Training Program from 5th to 10th February 2026 at Tata Power Skill Development Institute (TPSDI), Vidyavihar, Kurla.** The program focused on solar energy fundamentals, installation and maintenance practices, and hands-on industry-oriented training, enhancing students' employability in the renewable energy sector.



## **Department of Training & Placement**

The Department of Training & Placement at Atharva College of Engineering recorded a strong performance during January and February 2026, successfully placing 40+ students in reputed organizations across various sectors. The department conducted multiple online recruitment drives, with participation from companies such as Intrelec, Frootle India Pvt. Ltd., Symtronics, Learning Routes Pvt. Ltd., Teleperformance, Finulent Solutions Llp, Cognitus, Utturkar's Wood Culture - Palettecad, P.A.L Digital Associates Pvt. Ltd., Vistaar Systems, Miko, Sai Welds, And Panasonic Life Solutions India Pvt. Ltd.

### **Editorial Board**

Dr. Ramesh Kulkarni, Principal, ACE, Malad.  
Dr. Ritu Sharma, Head (HAS Dept.)  
Dr. Niranjana Samudre, Asst. Prof.(Electrical Engg. Dept)

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

Atharva College of Engineering Charkop Naka, Malad-Marve Road, Asmita Jyoti Housing Society, Malad West, Mumbai-400095. Tel.: 91-022-40294949, Fax. 40294911 Website: <http://www.atharvacoe.ac.in>