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# ASET NEWS

A Monthly newsletter of  
**Ahalia School of Engineering  
& Technology**



**Ahalia School of Engineering  
and Technology (CSE & ECE)**

**NBA Accredited Up to December 2028**



**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY**

ISO 9001: 2015 Certified Institution | Approved by AICTE & Affiliated to A. P. J. Abdul Kalam Technological University

Ahalia Campus, Palakkad | Ph: 04923 228866





## VISION

Grow as a center of learning and research, transforming students to professionals with knowledge, skill, competence, commitment, confidence through decisive learning and contribute to the sustainable development of the society.

## MISSION

1. To instil technical expertise in order to address current and emerging challenges in the quest for creating sustainable and high-quality livelihoods.
2. To foster a culture of research, innovation, and entrepreneurship through determined learning.
3. To promote an environment that supports the welfare of society through ethical and professional conduct.

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## PRINCIPAL MESSAGE

### WHY TO REDUCE ENERGY CONSUMPTION- INDIAN PERSPECTIVE



Dr. P.R. Suresh  
Principal

India plan to achieve its net-zero target in the year 2070. This is important for enhancing energy security, and lowering the high cost of imported fossil fuels. As the world's third-largest energy consumer, efficiency helps manage rapid demand growth, reduce carbon emissions, and enable sustainable development.

#### Key reasons for reducing energy consumption in India

- **Meeting Climate Targets:** India aims to reduce the emission intensity of its GDP by 45% by 2030, which requires significant reductions in energy waste across all sectors.
- **Energy Security and Import Reduction:** As India depends heavily on imported fossil fuels, lowering consumption enhances energy independence and reduces the import bill, with initiatives like the green hydrogen mission targeting significant reductions in coal use.
- **Rapid Urbanization & Resource Strain:** With rapidly growing urban populations and industrial expansion, energy conservation (e.g., in buildings and infrastructure) is crucial to manage demand.
- **Economic Growth:** Energy efficiency reduces operational costs for businesses and improves quality of life for citizens, while supporting the transition to a sustainable economy.
- **Climate Change Mitigation:** Reducing electricity consumption (heavily reliant on coal) directly addresses greenhouse gas emissions.

The government promotes this through variety of policies. Already branding is ensured in house hold equipment's by providing star rating. Several concessions are offered for installing renewable energy generation by households and industry. As of late 2025, India's renewable energy sector has achieved a significant milestone, with non-fossil fuel sources accounting for over 50% of the total installed electricity capacity, exceeding 250 GW. This includes solar, wind, hydro, and nuclear, with solar being a major contributor, positioning India as a top global renewable produce. Ensuring energy efficiency in industry is also encouraged. Suitable laws are framed with this in mind.





**ACHIEVEMENTS**

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**Proud to Announce  
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For the **Computer Science & Engineering** and  
**Electronics & Communication Engineering** programs.



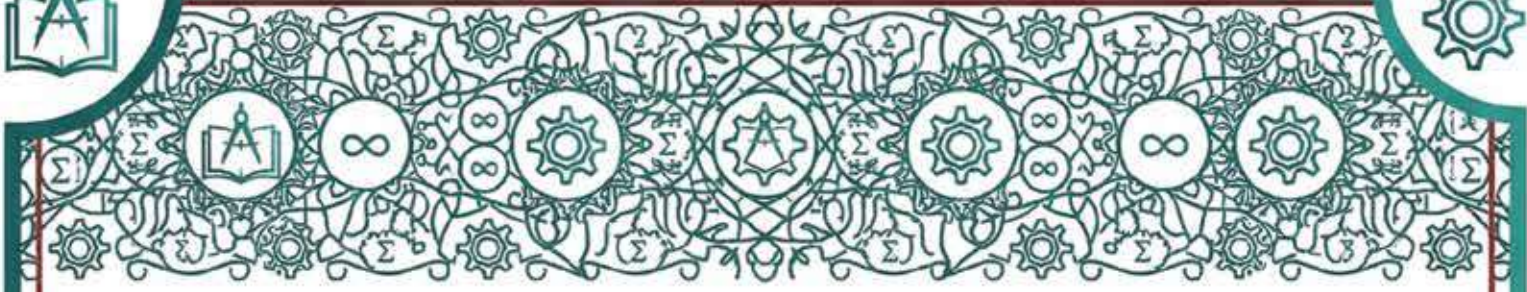
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**A Monthly Newsletter of  
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**CONGRATULATIONS!**



**LEAN SIX SIGMA  
WHITE BELT CERTIFICATION**

Dr. Vivek Gopi,  
Assistant Professor, Mechanical Engineering

successfully completed the Lean Six Sigma  
White Belt Certification offered by the Council  
for Six Sigma Certification (CSSC),  
Washington, United States of America.

**Congratulations!!**



Certified by the  
Council for Six Sigma Certification  
Washington, WA

**DAHALIA SCHOOL OF ENGINEERING & TECHNOLOGY** **NAAC** **IEEE**

*Congratulation*  
**TINK-HER-HACK 4.0  
WINNERS**



D HARITHA  
S6 CSE



Aheen Yussal  
S6 CSE



Manya M  
S2 AML



Diyalashw K.L  
S2 CSE-A



A Salami  
S2 CSE A



Eshani M  
S2 CSE A

**DAHALIA SCHOOL OF ENGINEERING & TECHNOLOGY** **NAAC** **IEEE**

SUCCESSFULLY COMPLETED  
**TINK-HER-HACK 4.0**  
27-28<sup>TH</sup> FEB








**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY** NAAC

Department of Computer Science and Engineering

S5 University Exam Toppers  
— CSE-A —

*Congratulations*

 Pavithra M 9.11	 Ribhu P 9.11
 Mrinal V 8.46	 M Nisthula 8.22

**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY** NAAC

Department of Computer Science and Engineering

**KTU S5 TOPPERS**

56 CSE-B




 NITHYA S SGPA : 8.28	 HAREESHNA TG SGPA : 7.93
 MIDHUN M SGPA : 8.26	

**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY** NAAC

Department of Mechanical Engineering

*Congratulations*



Toppers of the B.Tech S5(2023-27 Batch)

 IRIN RANJU SGPA :8.04	 ASWIN N SGPA : 7.24
 RAHUL R SGPA : 7.57	

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

KTU S5 TOPPERS

*Congratulations*

 M MOHAMMED NIYAS (8.28)	 NAMITHA S K NAIR (8.2)	 HARSHITHA CHANDRAN (8.2)
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**DEPARTMENT OF CIVIL ENGINEERING**

KTU UNIVERSITY S5 EXAM TOPPERS

**CONGRATULATIONS**

 2 <sup>nd</sup> NIVEDA C S (7.72)	 1 <sup>st</sup> SANDHWANA P (8.17)	 3 <sup>rd</sup> ATHUL M (7.61)
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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

*Congratulations*

**S3 TOP SCORERS**

 Anjana Prakash (SGPA - 9.22)	 Akshara D (SGPA - 8.67)	 Hiba Fathima M (SGPA - 8.11)
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**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY** NAAC

Department of Computer Science and Engineering

S5 UNIVERSITY EXAM TOPPERS  
CSE-B

*Congratulations*

 RASHMI R 9.52	 NAVANEETH S 8.92
 SHIMA HARIDASAN 8.92	 SANIYA S 8.6

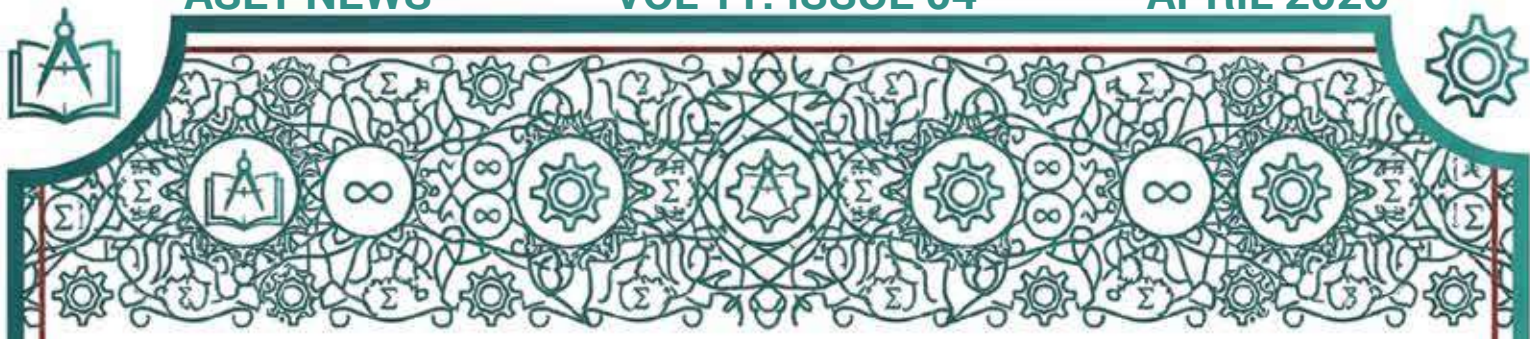
**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY** NAAC

*Congratulations!*

KTU S5 Toppers  
Department of Electronics & Communication

 ANJANA PRAKASH SGPA : 9.22	 HIBA FATHIMA M SGPA : 8.11
 NIVEDA C S SGPA : 7.72	





**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY**  
 Department of Computer Science and Engineering  
 S3 UNIVERSITY EXAM TOPPERS  
 CSE-A  
*Congratulations*

**KARANJITH K J**  
9.15

**ADITHI NARAYAN V**  
9.09

**GANGA H**  
8.78

**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY**  
 Department of Mechanical Engineering  
*Congratulations*  
 Toppers of the B.Tech S3(2024-28 Batch)

**UJWAL JAGADESHI**  
SGPA: 7.38

**DENEESI P R**  
SGPA: 7.38

**PREMNATH P**  
SGPA: 7.2

**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY**  
 Department of Electrical and Electronics Engineering  
 S1 university Exam Toppers

**Abhijith V**  
7.87

**Abhimil Blessy N K**  
7.61

**Nivetha G Gupta**  
7.55

*Congratulations!*

**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY**  
 Department of Mechanical Engineering  
*Congratulations*  
 Toppers of the B.Tech S1(2025-29 Batch)

**SIDHARTH N R**  
SGPA: 8.85

**FARIHAN**  
SGPA: 8.33

**ARVA R**  
SGPA: 7.97

**M R ADITHYAN**  
SGPA: 7.87

**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY**  
 Department of Artificial Intelligence and Machine Learning  
 UNIVERSITY EXAM TOPPERS  
*Congratulations*

**ARVA A**  
8.37

**ATHARVA B**  
8.11

**ABANJAN C**  
7.87

**TOPPERS**  
 FIRST SEMESTER B.TECH RESULTS - JANUARY 2026 (2025-28 BATCH)  
 DEPARTMENT OF CIVIL ENGINEERING

**ISLA J**  
8.28

**KARISHA RAVINDRAN**  
8.24

**ADITHYAN P**  
8.09

*Congratulations*

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
 S1 CSE A TOPPERS

**1st**  
**SHREYAS R**  
8.58

**2nd**  
**AISHWARYA A**  
8.35

**3rd**  
**G S SREELAKSHMI**  
8.27

*Congratulations*

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
 S1 CSE A TOPPERS

**1st**  
**ADITHYAN R**  
8.51

**2nd**  
**ADITHYAN R**  
8.31

**3rd**  
**ADITHYAN R**  
8.31

*Congratulations*

**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY**  
 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
 S1 CSE B TOPPERS

**RESHMI K**  
9.13

**U SREELAKSHMI**  
9.05

**SWETHA K S**  
8.68

*Congratulations !!!*

**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY**  
 S1 CSE B TOPPERS

**S VIGNESH**  
8.61

**ONKAR PRAMOD**  
8.13

*Congratulations !!!*

**ECE Department of ELECTRONICS & COMMUNICATION ENGINEERING**  
*Congratulations*  
 Toppers of B.Tech S1 Exam Dec 2025

**HEMITHA P H**  
SGPA: 9.26

**GOWRI KRISHNAKUMAR**  
SGPA: 9.79

**ANJULA THEANESH K**  
SGPA: 9.31

**LAKSHYA M A**  
SGPA: 8.82

**ARVA B**  
SGPA: 8.61

**ROHITHA K**  
SGPA: 8.54

**SANTHA M**  
SGPA: 8.24

*ECE shines brighter with your success*





## PLACEMENT

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DEPARTMENT OF  
**COMPUTER SCIENCE ENGINEERING**  
**CONGRATULATIONS**  
 ARCHANA M



(2022 - 2026 Batch  
 Computer Science Engineering)  
 has been Placed as  
**BUSINESS DEVELOPMENT ASSOCIATE**  
 in  
**NSTRUCTO**  
 Edutech, Bangalore

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Department of Electrical and  
 Electronics Engineering  
**CONGRATULATIONS**



**BABHITHA ROSH B**  
 (2022 - 2026 Batch  
 Electrical and Electronics Engineering)  
 has been Placed as  
**INTERN**  
 at  
**PEACEFIC**  
 GROWTH FOUNDATION  
 Karnataka

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Department of  
**Mechanical Engineering**  
**CONGRATULATIONS**



**Prathyush M**  
 (2022 - 2026 Batch  
 Department of Mechanical Engineering)  
 Has been placed as  
**INTERN**  
 at  
**Sepadu Tech Private Ltd.**

## ASET ACTIVITIES

### Karmika Magazine Volume 1 2026 Released

The Department of Mechanical Engineering at Ahalia School of Engineering & Technology successfully organized the Magazine Launch Ceremony of "KARMIKA" on 26 March 2026 at 12:00 PM at Visvesvaraya Hall.

The event marked a proud and creative milestone for the department, showcasing the talents, ideas, and technical insights of students through the departmental magazine. "KARMIKA" reflects the perfect blend of engineering knowledge and creative expression, highlighting articles, projects, and innovative thoughts contributed by students and faculty members.



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## Applications of Mathematical Logic in Logic Programming

Mastering mathematical concepts is essential for Computer Science students to excel in their core subjects. On 25th March 2026, the Department of Science and Humanities hosted a seminar titled 'Applications of Mathematical Logic in Logic Programming.'

The session aimed to provide students with the fundamental logic programming and Prolog concepts required for advanced studies in AI. The seminar was attended by first-year B.Tech students from the CSE and AIML branches. Dr. Binoy Balan K., Professor and Head of the Department of Science and Humanities at ASET, served as the resource person. The program was coordinated by Dr. Vignesh D. and Ms. Preeja V."



## Seminar on When Algorithms Break: How AI Tackles the Impossible

The Department of Computer Science and Engineering at Ahalia School of Engineering and Technology successfully conducted an engaging seminar on "When Algorithms Break: How AI Tackles the Impossible" on March 24, 2026. Led by Mr. Sunder V (HoD, AI & ML), the session provided valuable insights into how Artificial Intelligence overcomes the limitations of traditional algorithms in solving complex real-world problems. Students of S6 CSE A and B actively participated, making the session highly interactive and insightful. The event, organized by Ms. Amritha Devadasan under the guidance of Dr. S. Gunasekaran, was a great success and truly enriched students' knowledge beyond the syllabus.



## One-Day Special Class on Database Systems

The Department of Artificial Intelligence and Machine Learning organized a one-day special class on Database Systems for AIML students with the objective of strengthening their understanding of database concepts and their practical applications in modern computing systems.

The primary goal of the session was to provide students with a clear understanding of database design, data management techniques, and transaction processing mechanisms. The programme also aimed to bridge the gap between theoretical database concepts and real-world industry practices.

The session was handled by Prof. Sruthy, an experienced academician with strong expertise in Database Management Systems and data-driven application development. Her interactive teaching approach and practical explanations helped students grasp complex database concepts with ease.

The session began with an introduction to the fundamentals of database systems and the importance of structured data management in software applications.

### Key topics covered during the session included:

- Fundamentals of Database Management Systems and file systems.
- Database architecture and three-schema architecture.
- Entity-Relationship (ER) model and database design techniques.
- Relational data model, keys, and normalization concepts.
- Structured Query Language (SQL) for data definition and data manipulation.
- Transaction management, concurrency control, and recovery techniques.
- Real-world applications of database systems in banking, e-commerce, and cloud platforms

### By the end of the session, participants gained:

- A strong foundation in database design and management principles.
- Practical exposure to SQL queries and relational database operations.
- Understanding of transaction processing and concurrency issues.
- Awareness of real-world database applications and industry practices

The special class was conducted successfully with active participation from students.

The department expresses sincere gratitude to the Programme Coordinator Dr. Rajeev N, Dean Academics, for his guidance and support.

The programme provided valuable academic enrichment and enhanced students' technical knowledge in Database Systems. The session successfully strengthened their conceptual clarity and practical skills, which will greatly benefit their academic projects and future careers in Artificial Intelligence, Data Science, and Software Development.



## Artificial Intelligence Workshop for Teachers

The "AI for Teachers" training session was successfully conducted on 18th March 2026 at Kendriya Vidyalaya No. 1, Palakkad, from 10:30 AM to 1:00 PM. The session commenced at 10:30 AM with a warm welcome address by Ms. Sheeba, Computer Science Teacher of KV, who highlighted the importance of integrating emerging technologies into modern teaching practices.

### Session Details

#### Session 1:

The first session was handled by Mr. Sunder V, Head of the Department of Artificial Intelligence and Machine Learning, Ahalia School of Engineering & Technology.

He introduced the participants to ChatGPT and Prompt Engineering, focusing on how teachers can effectively use AI tools to enhance classroom engagement, content creation, and student interaction.

#### Session 2:

The second session was led by Mrs. Reshma P K, Assistant Professor, Department of Artificial Intelligence and Machine Learning.

She demonstrated the use of advanced AI tools such as Gemini, Nano Banana, Perplexity, and explained practical approaches to AI-based lesson plan preparation, enabling teachers to streamline their academic planning and delivery.

#### Session 3:

The final session was again conducted by Mr. Sunder V, who introduced innovative tools like Gamma AI and Notebook LM, showcasing their applications in creating presentations, organizing information, and enhancing teaching efficiency. The session received highly positive feedback from the participants. Teachers expressed that the training significantly helped in updating their teaching skills and knowledge, particularly in adopting AI tools for educational purposes. Many participants also requested more such sessions in the future to further deepen their understanding. The training program proved to be highly informative and impactful, equipping teachers with practical knowledge of AI tools that can transform traditional teaching methods. The initiative by Ahalia Group of Institutions was well appreciated and marked a meaningful step towards technology-enabled education. Teachers actively participated in the hands-on sessions and discussions, gaining valuable insights into the effective use of AI in education. The workshop was highly informative and empowered educators to adapt to evolving digital trends, thereby enriching the teaching-learning process.

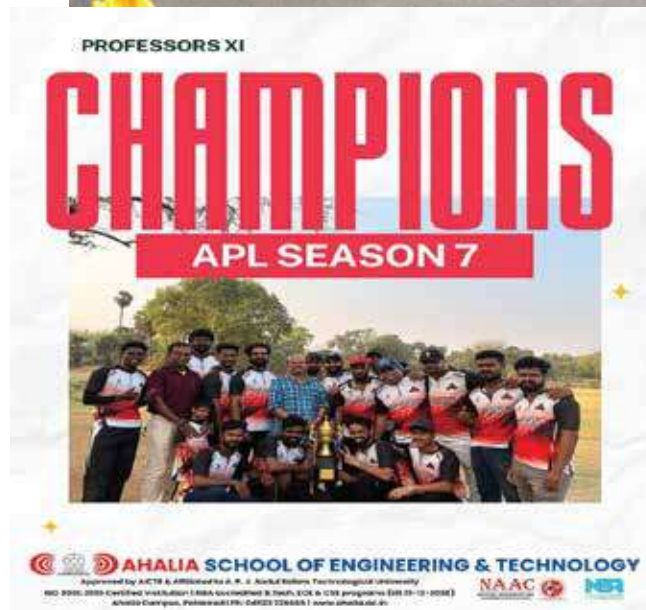
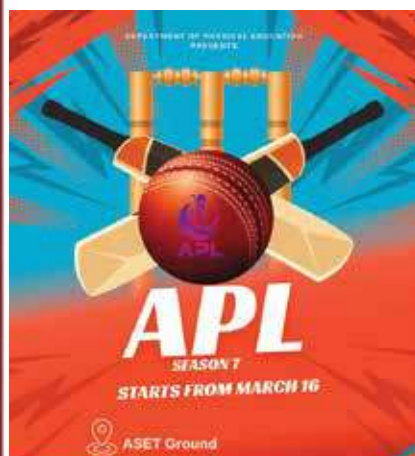


## APL Season 7 Kicks Off at ASET Ground

APL Season 7 was inaugurated with great enthusiasm at the ASET Ground on Monday. The event was formally inaugurated by Dr. P. R. Suresh, Principal, in the presence of Dr. Rajeev N, Dean Academics. The inauguration ceremony marked the commencement of the much-awaited cricket tournament, witnessing active participation from students. Addressing the gathering, the dignitaries highlighted the importance of sports in fostering teamwork, discipline, and physical well-being among students. The opening event was filled with excitement and high spirits, setting a lively tone for the matches ahead. The tournament is expected to showcase remarkable talent and sportsmanship in the coming days.

Professors XI Crowned Champions – APL Season 7

The Ahalia School of Engineering & Technology proudly celebrates the remarkable achievement of Professors XI, who emerged as the Champions of APL Season 7.



## Mental Health and Stress Management Workshop

A Mental Health and Stress Management Workshop was conducted for S2 Computer Science Engineering students with the aim of promoting emotional well-being and equipping students with practical strategies to manage academic and personal stress.

The session was led by Ms. Shipa, Psychologist, who served as the resource person. She provided valuable insights into understanding mental health, identifying early signs of stress and anxiety, and adopting healthy coping mechanisms. The workshop included interactive discussions, simple relaxation techniques, and practical tips on time management, self-care, and maintaining a balanced lifestyle.



## One-Day Training Programme on Academic Audit Manual 2025

Mr. Dhanesh and Dr. Bhavin K Bharath attended the One-Day Training Programme on the Academic Audit Manual 2025, organized by the HRD Centre of APJ Abdul Kalam Technological University at Government Engineering College, Kozhikode, on 13-03-2026, representing Ahalia School of Engineering and Technology. The programme was inaugurated at 10.00 AM by Dr. Jasmin E A, the Principal of Government Engineering College, Kozhikode. The resource person for the session was Dr. Bejoy Abraham, Joint Director (Academics), APJAKTU. Around 45 participants from various affiliated institutions attended the programme. During the session, the resource person explained in detail the various criteria included in the Academic Audit Manual 2025. He elaborated on both the Institution Criteria and Programme Criteria that are used to assess and monitor the academic quality of institutions affiliated with the university. The discussion included the methods of evaluating academic practices, documentation, and institutional processes. The training emphasized the importance of monitoring and enhancing the quality of technical education by providing clear guidelines for faculty members.





## Alumni Talk on Career Advancement in Mechanical Engineering

The Department of Mechanical Engineering at Ahalia School of Engineering & Technology successfully conducted an Alumni Talk – Live Webinar on the topic “Career Advancement in Mechanical Engineering” on 17 March 2026 at 7:30 PM via Google Meet.

The session featured Mr. Sivaprasad, a distinguished alumnus from the 2012–2016 B.Tech Mechanical Engineering batch, who is currently working as a Software QA Engineer at Siemens DISW (formerly Altair Engineering).

### Session Highlights

The webinar focused on guiding students and young professionals on how to build a successful career in the evolving field of mechanical engineering. Mr. Sivaprasad shared valuable insights from his professional journey, highlighting the transition from core mechanical engineering to the software and digital engineering domain.



## Jersey Presentation

The jersey for Professors XI representing Ahalia School of Engineering and Technology in Ahalia Premier League (APL) Season 7 was released by Dr. P. R. Suresh, Principal of ASET, on 13 March 2026 in the presence of faculty members



Dr. P. R. Suresh, Principal of ASET, releasing the jersey for Professors XI on 13-03-2026.



## Two-Day Workshop – CLUSTER CRAFT

The two-day workshop titled “Cluster Craft” was successfully organized by ASTHRA–AIML, the departmental association under the Department of Artificial Intelligence and Machine Learning at Ahalia School of Engineering and Technology (ASET). The workshop was conducted on 12th and 13th March 2026 in the AIML Lab from 9:00 AM to 4:15 PM. The event aimed to provide students with practical exposure and deeper insights into important concepts in Machine Learning through interactive sessions and hands-on demonstrations. The program witnessed enthusiastic participation from students, making it an informative and engaging learning experience.

The workshop was inaugurated by Mr. Sunder V, Head of the Department – AIML. During the inaugural session, Mrs. Reshma P K, Faculty Coordinator, welcomed the participants and introduced the resource person, Dr. Umamaheswara Sharma B, Assistant Professor in the Department of Computer Science and Engineering at the National Institute of Technology Calicut. She highlighted his expertise and research contributions in the fields of Software Engineering, Machine Learning, and Software Reliability.

Dr. Umamaheswara Sharma B delivered insightful sessions across the two days, focusing on important Machine Learning concepts and their practical applications. The sessions were designed to bridge the gap between theoretical knowledge and real-world implementation. Through demonstrations, discussions, and interactive activities, participants were introduced to various Machine Learning techniques and tools. The workshop emphasized developing practical skills and understanding how Machine Learning can be applied to solve real-world problems across different domains.

The sessions also included interactive discussions where students actively engaged with the resource person by asking questions related to Machine Learning applications, implementation challenges, and career opportunities in Artificial Intelligence and Machine Learning. Dr. Sharma addressed the queries with detailed explanations and encouraged students to explore further research and innovation in the field.

The workshop was coordinated by Mrs. Reshma P K as the Faculty Coordinator. The student coordinators for the event were Mr. Ajeeth Sanghar and Ms. Sreya S, who played a key role in organizing and managing the workshop activities. Their efforts ensured the smooth execution of the program and effective coordination among participants and faculty members.

The workshop concluded with the principal’s address, where the efforts of the organizers and the valuable contributions of the resource person were appreciated. The principal also encouraged students to continue exploring emerging technologies in Artificial Intelligence and Machine Learning. The vote of thanks was delivered by the student coordinator Ms. Sreya S, who expressed gratitude to the resource person, faculty members, organizers, and participants for their support and active participation.

Overall, the two-day workshop “Cluster Craft” proved to be a valuable and enriching learning experience for the participants. The program significantly enhanced the students’ technical knowledge and practical understanding of Machine Learning concepts while encouraging them to explore innovative applications in the field of Artificial Intelligence.



## Hands-On Workshop on Network Simulation Tools

The Department of Computer Science and Engineering at Ahalia School of Engineering and Technology successfully conducted a hands-on workshop on CISCO Packet Tracer, Wireshark, and NS2 Simulator on 13th and 16th March 2026 for S6 CSE students.

The workshop provided practical exposure to network simulation, traffic analysis, and real-time troubleshooting. Participants learned to design and configure network topologies, capture and analyze network packets, and simulate network scenarios using NS2. Under the guidance of Sudhesh K M, Research Scholar, and coordinators Kavitha S and Anisree P G, students actively engaged in interactive exercises, gaining valuable skills applicable to academic projects, internships, and careers in networking.



## Hands-on Workshop on CISCO Packet Tracer, Wireshark, NS2 Simulator

The workshop was conducted as a hands-on interactive session over a period of one day for S6 CSE A and one day for S6 CSE B. **The session included:**

Introduction and overview of network simulation tools.

CISCO Packet Tracer: Students learned to design network topologies, configure routers and switches, implement routing protocols, and troubleshoot network issues.

Wireshark: Students captured live network traffic, analyzed packet structures, and understood protocol layers and flow. NS2 Simulator: Participants simulated network scenarios, evaluated performance metrics like delay, throughput, and packet loss, and visualized network behavior.

Interactive exercises were conducted to ensure participants applied concepts in real time scenarios.

The workshop was conducted in lab 3, ensuring every participant had access to a system for practical exercises.

### Outcomes of the Workshop

By the end of the workshop, participants were able to:

Demonstrate proficiency in using CISCO Packet Tracer for creating and troubleshooting network topologies.

Use Wireshark to capture and analyze network packets for network diagnostics.

Apply theoretical networking concepts in real-time simulation environments.

Gain confidence in network analysis, troubleshooting, and design skills, enhancing employability in network administration and research projects.

### Resource Person

Sudhesh K M is a researcher in Computer Vision and Artificial Intelligence, currently pursuing his Ph.D. at Amrita Vishwa Vidyapeetham, Coimbatore. His research focuses on deep learning, interpretable AI, and real-world computer vision applications. He has delivered seminars on Generative AI across schools, polytechnic institutions, and engineering colleges, and has conducted hands-on workshops on deep learning and machine learning models. He has collaborated with Kerala Agricultural University to develop plant disease

detection applications in native languages, promoting accessible AI solutions for agriculture. His research contributions are published in reputed international journals and conferences, and his work has received over 120 citations, with a significant impact in the area of AI-based disease detection. His Google Scholar profile reflects consistent research engagement in applied AI and computer vision systems.

### Conclusion

The workshop successfully enhanced participants' practical understanding of networking concepts for the subject CST 332 – Network Lab and equipped them with valuable skills in network simulation, analysis, and troubleshooting. Students actively engaged in hands-on exercises, gaining insights that will be useful in academic projects, internships, and professional careers in networking and IT fields.



**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY**  
Approved by NAAC

Department of Computer science & Engineering

**HANDS ON WORKSHOP ON CISCO PACKET TRACER WIRESHARK & NS2 SIMULATOR**



Resource person :  
Sudhesh K M,  
Research Scholar

Convenor :  
Dr.S Gunasekaran , HoD CSE

Program coordinators :  
Kavitha S  
Anisree PG

Date: 13-3-2026  
16-3-2026  
venue : Lab 3



## Seminar on Introduction to Aerospace Technology

The ISTE Student Chapter of Ahalia School of Engineering and Technology organized a seminar on “Introduction to Aerospace Technology” on March 10th, 2026. The event was held in Visvesvaraya Hall and saw participation from around 100 students.

The program began with the welcome address by Principal Dr. Pr Suresh, who emphasized the importance of space technology and its applications.

Sheeju Chandran, Engineer from Vikram Sarabhai Space Centre (VSSC), delivered an insightful talk on aerospace technology, covering its basics and recent advancements.

The event concluded with a vote of thanks by Dr. Rajeev N, Dean Academics, appreciating the resource person and participants.



**AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY**  
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In Association with  
 ISTE Student Chapter is Organizing a Talk on  
**INTRODUCTION TO SPACE TECHNOLOGY**

Resource Person  
 Sheeju Chandran  
 Engineer  
 Vikram Sarabhai Space Centre (VSSC)

Visvesvaraya Hall  
 10<sup>th</sup> March 2026  
 8:00 p.m to 9:30 p.m




## Bharat Nav-Nirmaan Challenge

A team comprising Greeshma, Nitin, and Shahina (S8 Civil Engineering) participated in the Bharat Nav-Nirmaan Challenge, held on 9 March 2026 at Kochi. The team was accompanied by Mr. Akhil Krishnan, Assistant Professor – Civil Engineering.

The Bharat Nav-Nirmaan Challenge is a national inter-college innovation competition for civil engineering and allied disciplines, presented by The Times of India in association with NICMAR and supported by AICTE. The challenge encourages students to propose innovative solutions to real-world infrastructure and development problems in areas such as urban mobility, construction technology, sustainability, and smart infrastructure.

The competition is conducted through multiple stages including college rounds, city and regional finals, culminating in a national grand finale, providing students an opportunity to showcase their ideas and technical expertise on a national platform.



## IEDC Startup Summit

ASET IEDC team attended IEDC startup summit at Amal Jyothi college of engineering and technology Kottayam on 6th and 7th March 2026



## APEX 2026 – AHALIA PROJECT EXPO

APEX 2026, the Ahalia Project Expo, was successfully organized by Ahalia School of Engineering and Technology (ASET), Palakkad on 28th February 2026 at Visveswaraya Hall. The event served as a platform for students to showcase their innovative project ideas, technical expertise, and problem-solving abilities. The expo encouraged students to apply theoretical knowledge to practical applications while fostering creativity, innovation, and interdisciplinary collaboration.

### OBJECTIVES OF THE EVENT

- Provide a platform for students to present innovative engineering projects.
- Promote research, creativity, and technical excellence among students.
- Encourage practical implementation of engineering concepts.
- Facilitate interaction between students, faculty members, and experts.
- Recognize and reward outstanding student projects.

### INAUGURAL FUNCTION

The inaugural ceremony of APEX 2026 was conducted at 9:30 AM at Visveswaraya Hall. The event began with a warm welcome address delivered by Mr. Sanish V S, Program Coordinator, ASET, who welcomed the dignitaries, faculty members, students, and participants. He emphasized the importance of project-based learning and innovation among engineering students.

The Presidential and Inaugural Address was delivered by Dr. P R Suresh, Principal, ASET. He highlighted the role of innovation in engineering education and encouraged students to develop technologies that can address real-world challenges.

The felicitation address was delivered by Dr. Mathew B V, Head of the Department, Civil Engineering, ASET, who appreciated the efforts of students and organizers in making the project expo a meaningful academic event.

The inaugural session concluded with a vote of thanks delivered by Ms. Amrutha Devadasan, Assistant Professor, CSE, ASET.





### PROJECT EXHIBITION

Following the inaugural ceremony, the project exhibition commenced. Students from different departments presented innovative projects addressing various technological and societal challenges. The exhibition showcased projects related to automation, smart technologies, sustainable development, embedded systems, software applications, and emerging engineering solutions. Faculty members and evaluators visited the exhibition stalls, interacted with the students, and assessed the projects based on innovation, technical complexity, feasibility, presentation, and societal relevance.



### VALEDICTORY FUNCTION AND AWARD DISTRIBUTION

The valedictory function and award distribution ceremony was conducted at 3:00 PM at Visveswaraya Hall. The session began with the welcome address by Mr. Rohith M, Assistant Professor, Civil Engineering, ASET. The Presidential Address was delivered by Dr. Rajeev N, Dean Academics, ASET. He congratulated all the participants and appreciated their innovative ideas and dedication. The award distribution ceremony followed, during which the best projects were recognized and awarded by the dignitaries for their outstanding innovation, technical merit, and practical applications. The program concluded with the vote of thanks delivered by Ms. Anisree P G, Assistant Professor, CSE, ASET, who expressed gratitude to the management, dignitaries, organizing committee, faculty members, student volunteers, and participants for their support in making APEX 2026 a successful event.



## Alumni Talk on “Seismic Monitoring of Rivers” Conducted

The Department of Civil Engineering, Ahalia School of Engineering and Technology (ASET), Palakkad, organized an online Alumni Talk on “Seismic Monitoring of Rivers” on 6 March 2026 from 2.30 PM to 3.30 PM via Google Meet.

The session was delivered by Ms. Aiswarya Padmadas, Research Scholar and Marie Curie Research Fellow, an alumna of the Civil Engineering batch 2016–2020. She shared insights on seismic monitoring of river systems and its importance in civil engineering research.

The session was informative and interactive.



## ASET Arts Day – KALASH 2026

ASET Arts Day “KALASH 2026”, held on 05 March 2026 at the Punarjani Auditorium, was a vibrant celebration of creativity, talent, and artistic expression. The event was formally inaugurated by Dr. Sreejith M. Nair, Principal, ASPS, marking the beginning of a spectacular showcase of student talent. The programme was meticulously planned and executed with great enthusiasm and dedication, leaving a lasting impression on everyone present. The primary objective of Arts Day was to nurture creativity among students and provide them with a dynamic platform to express their artistic abilities. The stage came alive with a variety of performances, including dance and music, featuring solo, duet, and group presentations across diverse genres. Each performance reflected the students’ passion, creativity, and commitment to excellence, captivating the audience throughout the event. In addition to stage performances, literary events were also conducted, offering students an opportunity to showcase their intellectual and creative talents. Participants engaged in thought-provoking discussions, recited poems, and presented original works, highlighting the depth of their imagination and expressive skills. KALASH 2026 was a grand success, fulfilling its aim of encouraging artistic exploration and talent development. The event not only enhanced students’ confidence and creativity but also fostered a deeper appreciation for the arts. The collective efforts, dedication, and enthusiasm of both students and staff made the celebration truly memorable for all attendees.





## Industrial Visit to Indian Institute of Technology Palakkad

The Department of Civil Engineering successfully conducted an Industrial Visit to Indian Institute of Technology Palakkad on 3rd March 2026. Students from S4, S6, and S8 semesters participated in the visit. The students were accompanied by our Head of the Department, Dr. B. V. Mathew, along with Assistant Professors Mr. Akhil Krishnan M K, Mr. Anurudh R, and Senior Lab Instructor Mr. Suresh Babu.

We started from ASET at 9:00 AM and reached IIT Palakkad by 9:30 AM. The visit began with the Miyawaki Forest project inside the campus under the guidance of Dr. Deepak Jaiswal (Assistant Professor, Environmental Sciences and Sustainable Engineering Centre, Civil Engineering) and Dr. Richa Agnihotri (Assistant Professor, Environmental Sciences and Sustainable Engineering). They, along with PhD scholars, provided detailed insights into the concept, implementation, and environmental significance of the Miyawaki method. Following the site visit, students explored various Civil Engineering laboratory facilities including the Material Testing Lab, Geotechnical Lab, and Transportation Lab. The lab faculty members explained the equipment and ongoing research activities, which was highly informative and beneficial for the students.

After a one-hour lunch break at the IIT Palakkad mess, the visit continued to the Geology Lab and Environmental Lab. The sessions provided valuable exposure to advanced laboratory practices and research infrastructure. The visit concluded at 3:30 PM, and we returned to the college with enriched knowledge and practical exposure. The industrial visit was highly useful in bridging theoretical learning with real-world applications.





## Alumni Talk on : AI-Driven Career Paths: Future Opportunities for CSE Students

The Department of Computer Science and Engineering at Ahalia School of Engineering & Technology successfully organized an Alumni Talk on the topic “AI-Driven Career Paths: Future Opportunities for CSE Students” on 27 February 2026 (Friday) at 9:30 AM in Visvesvaraya Hall.

The session was delivered by Ms. Praveena R, an alumna from the 2020–2024 CSE batch, currently working as an Associate Software Engineer at Vaisesika Consulting Pvt Ltd, Infopark Kochi. The program aimed to provide students with insights into emerging career opportunities in Artificial Intelligence and the evolving skill requirements in the software industry. The session was informative and inspiring, contributing positively to the academic and professional development of the participants.



## One-Day Workshop on “Electrical Design Concepts – Theory and Practice”

Department of Electrical and Electronics Engineering in association with IEDC, IIC, IQAC Organizes a One-Day Workshop on “Electrical Design Concepts – Theory and Practice” The program aims to provide in-depth understanding of electrical design principles by integrating theoretical concepts with practical field applications. Emphasis is on real-time electrical system design, safety standards, sub-station practices, statutory compliance, and industry-oriented learning. Resource Persons - Shri. Venu-gopalan P, Secretary, Safety Council of Kerala, Shri. Rajan M Menon, Building energy efficiently expert of EMC, Kerala





**NSS ACTIVITIES**

**KTU CARE Orientation Held at ASET**

A KTU CARE orientation session was conducted at Ahalia School of Engineering & Technology on March 27, 2026, at Visvesvaraya Hall.

The session was led by Adith P, Regional Coordinator (Thrissur–Palakkad), who briefed students on KTU CARE initiatives, focusing on mental health awareness and student support systems. The programme saw active participation and concluded successfully.



**NSS Unit – Lucky Draw**

The Mega Lucky Draw – Mandi Coupon Contest draw was held on 5th March.

Winners:

Gayathri – AIML Department

Rehan – ECE Department

Congratulations to the winners and heartfelt thanks to everyone who supported this NSS (NRPF) charity initiative





## Disaster Management Orientation Held at ASET

NSS Unit 311 and the Energy Cell of Ahalia School of Engineering & Technology conducted an orientation session on “Basics of Disaster Management” at Visvesvaraya Hall on March 3, 2026. The programme began with the NSS song and welcome address by Ms. Anuja S. Dr. P. R. Suresh, Principal, delivered the Presidential Address. The session was led by Ms. Lekha Chacko, District Hazard Analyst, who spoke on disaster preparedness and the role of students in emergencies. The event concluded with a vote of thanks by Ms. Sneha and a feedback session.



## Bhakshyadhara 3.0 Food Donation Drive Conducted

The ASET NSS Unit, in association with KTU CARE, organized Bhakshyadhara 3.0 – Food Donation Drive on 6 March 2026. As part of the initiative, students and staff contributed food packets which were collected at the ASET Reception.

More than 150 food packets were collected through the generous contributions of students and faculty members. The NSS volunteers distributed the food packets to people in need at various locations including the Stadium Bus Stand and Municipal Bus Stand, Palakkad.

The initiative aimed to promote the spirit of sharing and social responsibility among students. The volunteers actively participated in the collection and distribution process, spreading smiles through the simple act of sharing a meal.

The program was successfully carried out with the support and cooperation of students, faculty members, and NSS volunteers.



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