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ASET NEWS

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



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 226666



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

Indian Heritage in Science & Technology



Dr. P.R. Suresh
Principal

India's science and technology heritage spans over 5,000 years, characterized by foundational discoveries in mathematics, sophisticated urban engineering in the Indus Valley, and a pioneering tradition in medicine and metallurgy. Historically, Indian scholars introduced the concept of zero and the decimal system, performed advanced surgeries like rhinoplasty, and produced rust-resistant steel.

In the modern era, this legacy has evolved into self-sufficiency in space exploration, nuclear technology, and global leadership in vaccine production. Indian mathematicians laid the groundwork for global numerical systems and advanced geometric principles long before Western counterparts.

Key Areas of Contribution

- **Mathematics & Astronomy:**

India invented the decimal system and the concept of zero as both a numeral and a placeholder. Aryabhata (5th century CE) defined zero's properties and calculated the value of pi. Significant astronomical observations made. Aryabhata correctly proposed the heliocentric theory—that the Earth is round and rotates on its own axis—centuries before Copernicus. Sawai Jai Singh II later constructed massive masonry observatories (Jantar Mantars) in the 18th century for precise celestial tracking. Brahmagupta (7th century CE) introduced negative integers and operations on zero. The binary number system was first described by the Vedic scholar Pingala in his book *Chandahśāstra*.

- **Metallurgy:**

Innovations made in steel and other metal processing

- Rust-Resistant Iron: The Iron Pillar of Delhi (c. 402 CE) remains rust-free after over 1,600 years due to advanced phosphorus-based alloying.
- Wootz Steel: Produced in South India around 300 BCE, this high-carbon crucible steel was sought after globally for making "Damascus swords".
- Zinc Smelting: India was the first to smelt zinc by distillation at sites like Zawar in Rajasthan, a technique dating back to the 12th century AD.

- **Medicine:**

Developed Ayurveda (natural healing) and early surgical practices

Sushruta (the "Father of Surgery") performed complex procedures around 600 BCE, including cataract surgery and rhinoplasty (plastic surgery). His treatise, *Sushruta Samhita*, described sharp surgical instruments capable of splitting a hair.

Sushruta studied human anatomy through the dissection of corpses, a Modern Scientific Achievements . Ayurveda: Rooted in the Vedas (specifically the Atharva Veda), Ayurveda was systematized by Charaka (the "Father of Medicine") in the *Charaka Samhita*, which detailed over 2,000 medicinal herbs and concepts of digestion, metabolism, and immunity

- **Engineering & Civil Engineering:**

Planned advanced cities (Indus Valley) with drainage, built sophisticated water harvesting systems, and developed complex construction techniques, potentially including early compound pulleys.

- **Textiles & Crafts:**

Pioneered cotton cultivation, advanced dyeing, and created intricate crafts like silver filigree and loom weaving.

- **Navigation & Transport:**

Advanced shipbuilding, boat-making, and potentially early forms of the stirrup for horse riding.

India's heritage showcases an independent development of science, often overlooked in Eurocentric historical narratives. It is a ,matter of pride that, in modern era progress continued in line with ancient development like the satellite launching , vaccine development and development of low cost drugs , missile production and other defence related activities

ACHIEVEMENTS AND PLACEMENT

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Ahalia Institute, Heritage & Knowledge Village, Palakkad - 678557, Ph: 04923 226666, www.ahalia.ac.in

Congratulations!



DHANANJAY KRISHNA S
S8 CSE (2022-26)

For Being Selected For Internship At
HSBC

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Congratulations
For being selected for Internship at
natpac
KSCSTE - NATPAC



Aiswarya K
S8-CE

Hrithika R
S8-CE

Ajanya R
S8-CE

DEPARTMENT OF CIVIL ENGINEERING

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Department of Electrical and Electronics Engineering
2022-26 Batch
Congratulations

for completing the "Energy Literacy Training" conducted by the Energy Swaraj Foundation as a Value Added Course on Energy Management.



Under the Guidance of

Dr. Meenaganti Gopal Raj,
HOD, Research & Professor

APJAKTU E-ZONE KHO KHO CHAMPIONSHIP 2025-26



3

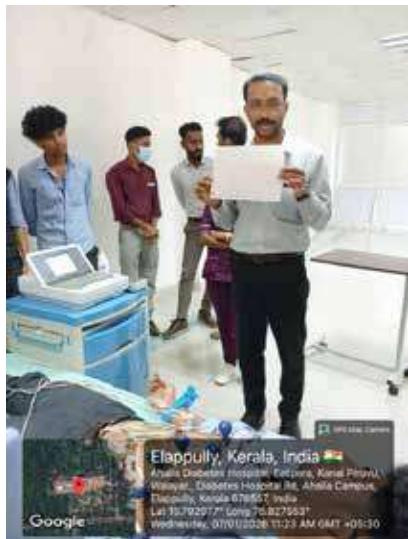
ASET WOMENS Kho-Kho team secured Second Runner up Trophy in the APJAKTU E-ZONE Kho-Kho Championship organised by Vidhya Academy of Science and Technology, Thrissur on January 2026

AHALIA SCHOOL OF ENGINEERING AND TECHNOLOGY
NAAC

ASET ACTIVITIES

Industrial Visit to Ahlia Diabetes Hospital

An educational visit was conducted on 7th January 2026 for the students of S8 (ECE), totaling 41 students, to Ahlia Diabetes Hospital as part of the course ECT 414 – Biomedical Engineering. During the visit, the students gained practical knowledge about ECG (Electrocardiogram) and related biomedical equipment. The working principle of the ECG machine, electrode placement, and its role in diagnosing heart-related conditions were explained in detail. The technical aspects of biomedical equipment were explained by Mr. Niranjan R, Biomedical Engineer at Ahlia Diabetes Hospital. In addition, Mr. Pramod S, Assistant Nursing Superintendent, provided valuable insights into the clinical applications of ECG and patient care, and clarified the doubts raised by the students. The students were accompanied by Mr. Vinod Kumar P, Assistant Professor in the Department of ECE, who is handling the course ECT 414 – Biomedical Engineering for S8 ECE. His guidance helped students relate theoretical concepts to real-time medical applications. The visit was highly informative and beneficial, enhancing the students' understanding of biomedical engineering and hospital instrumentation.



Alumni Meet 2026

The Annual Alumni Meet 2026 was successfully held at the college on Saturday, 10 January 2026, at 2:30 p.m. The event saw a vibrant gathering of esteemed former students who reconnected with old friends, faculty, and their alma mater. The college extends its heartfelt gratitude to all attendees for making the reunion a truly memorable and resounding success.



PTA Meeting 2026

The Parent-Teacher Association (PTA) Annual General Body Meeting (AGBM) for the academic year 2025-2026 was successfully conducted as scheduled. The meeting saw active participation from parents and teachers. The session concluded productively, with gratitude extended to all attendees for their valuable contributions to the college community.



Hands-On Workshop On 3D Printing

A hands-on workshop on 3D Printing was successfully conducted by the Department of Mechanical Engineering, Ahalia School of Engineering & Technology, at the Design & Analysis Lab – 3D Printing Lab on 08 January 2026. The workshop was organized for Electronics and Communication Engineering students to introduce them to modern additive manufacturing technologies and their applications in engineering projects. The workshop commenced at 1:30 PM with a theory session, which was handled by Dr. Bhavin K Bharath, HOD, Mechanical Engineering, and Mr. Jishnoop Jayaprakash, Assistant Professor, Mechanical Engineering. During the theory session, students were introduced to the fundamentals of 3D printing, basic concepts of additive manufacturing, types of 3D printers, materials used, software workflow, and safety aspects related to 3D printing. The session provided a strong conceptual foundation for understanding the practical aspects of the technology. Following the theory session, a practical demonstration session was conducted. Both the available 3D printers (Bambu Lab A1 & Elegoo Mars 5 Ultra) in the lab were demonstrated in detail. The faculty explained printer components, slicing software, parameter settings, etc. As part of the live demonstration, three different 3D models were successfully printed, giving students hands-on exposure to the complete printing process. The interactive nature of the workshop encouraged active participation from the students. Many students showed keen interest, asked questions, and discussed possible project ideas using 3D printing technology. The workshop effectively highlighted the potential applications of 3D printing in electronics, prototyping, and interdisciplinary engineering projects. The workshop concluded at 04:20 PM. Overall, the session was highly informative and engaging. Most of the students expressed satisfaction and enthusiasm, and many showed interest in taking up 3D printing-based projects in the future. The workshop successfully achieved its objective of creating awareness and practical understanding of 3D printing among ECE students.



Webinar on -“Financial Education Initiative”

The Department of Mechanical Engineering, Ahalia School of Engineering and Technology, in association with EDU-FINN successfully organized a webinar on “Financial Education Initiative – Empowering Students for Financial Success” on 22 January 2026 from 11.00 AM to 12.00 PM at the D & A Lab, ASET. The objective of the webinar was to create financial awareness among students, introduce the basics of securities markets, and highlight various investment opportunities relevant to young professionals. The session emphasized the importance of disciplined financial management, early-stage saving, and risk awareness in financial decisions. The program was convened by Dr. Bhavin K Bharath, HOD, Mechanical Engineering, and coordinated by Mr. Sadanandan R, Assistant Professor Mechanical Engineering. A total of 50 students actively participated in the webinar from S6 Mechanical Engineering, S8 Mechanical Engineering, S6 Civil Engineering, and S8 Civil Engineering. The session was interactive, and students showed keen interest by actively engaging in discussions. The webinar concluded successfully, achieving its intended objectives of enhancing financial literacy and motivating students towards informed financial planning.



Republic Day Celebration

The Republic Day Celebration was held on January 26 at 9.00 AM in the college campus with patriotic spirit. The National Flag was unfurled by Dr. Krishna Kumar Kishor, Vice Principal, in the presence of students, teaching, and non-teaching staff. The ceremony was followed by the National Anthem and a brief address by the Vice Principal, highlighting the importance of Republic Day and constitutional values. The programme concluded with a message inspiring all to uphold unity, discipline, and national pride.



SPORTS ACTIVITIES

Apjaktu E-zone Cricket Men Participation

ASET Cricket Team consisting of 16 players and 1 faculty participated APJAKTU E-Zone Cricket Championship 2025-26 held at NSS College of Engineering, Akathethara on 8th December 2025.



Annual Sports Day

Annual Sports Day Celebrated at ASET

The Annual Sports Day of the Ahalia School of Engineering & Technology (ASET) was held with great enthusiasm on 9 January 2026 at the ASET Ground. The event witnessed vibrant participation from students across various branches and year groups, showcasing true sportsmanship, strength, and competitive spirit.

A series of thrilling track and field events were conducted as part of the meet. Track events included 1500 m, 800 m, 400 m, 200 m, and 100 m running races, which drew loud cheers from the spectators. Field events such as long jump, shot put, discus throw, and javelin throw highlighted the athletic skills and dedication of the participants. The excitement reached its peak during the 4×100 m relay, which demonstrated excellent coordination and teamwork among the teams.

After a day filled with intense competition and remarkable performances, the overall championship was won by the 3rd Year B.Tech students, who emerged as the most consistent and dominant performers across events.

The Sports Day concluded on a high note, reinforcing the importance of physical fitness, unity, and sporting excellence among students.



NSS ACTIVITIES

NSS 7-Day Camp

Aset NSS unit conducted 7 day camp in MVHSS Puthunagaram, Palakkad from 23rd December to 29th December 2024 with coordination of Puthunagaram Grama panchayath under NSS Unit 311, Ahlia School of Engineering & Technology. National service scheme technical cell unit functions at the college as Unit No 311. The unit is controlled by Mr. Jayakrishnan R, Assistant professor, Department of Civil Engineering as program officer. Mr. Mridhul Krishna & Ms. Anuja S of Third year ECE are the volunteer secretaries of the unit.

Camp Details

Camp place MVHSS Puthunagaram

Camp date 23-12-2025 to 29-12-2025

Staff in-charge Mr.Jayakrishnan R AP,CE

Volunteer Secretary Mr. Mridhul Krishna 3rd Year ECE

Volunteer Secretary Ms. Anuja S 3rd Year ECE

Important Visitors

1. Dr. P R Suresh, Principal, ASET

2. Dr. Rajeev N, Dean Academics, ASET

3. Mr. Askar Ali, District Coordinator, APJAKTU NSS Cell, Palakkad

4. Mr.A Babu, President, Puthunagaram Gramapanchayat

5. Mr.I Ismail, Ward Member, Puthunagaram Gramapanchayat

6. Mr. Febin, Member, Palakkad District panchayat

7. Mr.Rasheed Haji, Ward Member, Puthunagaram Gramapanchayat

8. Mrs. Jareena Begum S, Headmistress, MHS Puthunagaram

9. Mr. Bibin B, Physical Education Teacher, GHS Chalissery

10. Mrs. Preeja , Assistant professor, S&H

11. Mr. Sreenivasan, Administrative Officer, ASET

12. Mr. Lal S, Librarian, ASET

Day 1

The NSS 7-Day Special Camp of NSS Unit 311, Ahlia School of Engineering & Technology (ASET) commenced on 23 December 2025 at MVHSS Pudunagaram with a well-organised inaugural programme.

The registration of volunteers began at 5.00 pm, followed by the NSS song. The programme formally started with a welcome address by Ms. Anuja S, Volunteer Secretary. The Presidential Address was delivered by Dr. P. R. Suresh, Principal, ASET, who highlighted the importance of social responsibility among students. The camp was officially inaugurated by Mrs. Jareena Begum S.A, Headmistress, MHS Pudunagaram.

The programme included felicitation addresses by Ismail I, Ward Member; Beena, Principal, MHSS Pudunagaram; Bijimol Jacob, Principal, MVHSS Pudunagaram; Muhammed Rafi, PTA President; Ms. Sangeetha P S, Assistant Professor, S&H, ASET; and Mr. Jayakrishnan R, NSS Programme Officer, Unit 311. The inaugural function concluded with a vote of thanks by Mridhul Krishna, Volunteer Secretary.

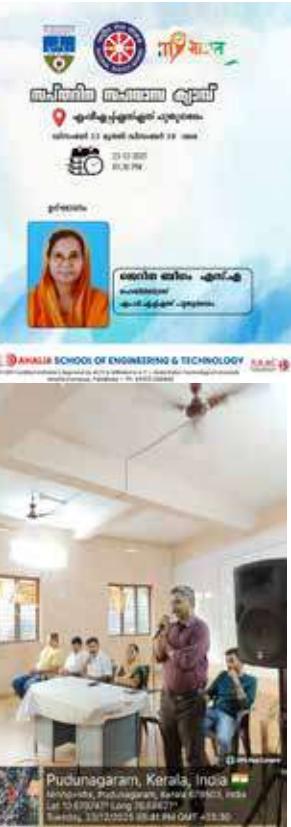
After the formal session, an ice-breaking session was conducted by Mr. Jayakrishnan R, NSS Programme Officer, along with Mr. V S Rishikesh, NSS Alumni, which helped the volunteers bond, interact freely, and build team spirit.

Dinner was served at 7.30 pm, after which volunteers were divided into teams for effective coordination of camp activities. The day concluded smoothly with lights off at 10.30 pm, marking the successful completion of Day 1 of the NSS camp

Day 2

The second day of the NSS 7-Day Special Camp of NSS Unit 311, Ahalia School of Engineering & Technology (ASET) was conducted on 24 December 2025 with the theme Manass Nanavate, focusing on discipline, awareness, and service. The day began early with a wake-up call at 6:00 am, followed by the morning assembly at the ground. The assembly included the Manava Geetham, Thought of the Day, news reading, and inspirational quotes from the Quran, Bible, and

Bhagavad Gita, reflecting unity in diversity. The concerned group presented the previous day's camp report and camp paper, after which Mr. Jayakrishnan R, NSS Programme Officer, addressed the volunteers, motivating them for the day's activities. After breakfast, volunteers were divided into groups and sent to Wards 6 and 7 to conduct educational surveys as part of the camp activities. The survey teams returned by 1:30 pm, and the collected data were reviewed. In the evening session, a self-defence workshop was conducted with the objective of creating awareness about personal safety and self-protection. The session was interactive and informative, and volunteers actively participated. Feedback was collected from the participants, followed by a brief camp evaluation to assess the day's progress and identify areas for improvement. Mr. Askar Ali, District Coordinator, NSS Palakkad, visited the camp and reviewed the activities. He interacted with the volunteers and appreciated their discipline, commitment, and enthusiastic participation. The day concluded with a cultural evening, during which volunteers showcased their talents through music, games, and group activities. The programme strengthened team bonding and celebrated the spirit of togetherness among the volunteers, marking the successful completion of Day 2 of the NSS camp



Day 3

The third day of the NSS 7-Day Special Camp of NSS Unit 311, Ahlia School of Engineering & Technology (ASET) commenced with the morning assembly at 6:00 am. The assembly included the NSS song, physical training, thought of the day, and newspaper reading, which helped instil discipline, unity, and social awareness among the volunteers.

After breakfast, from 9:00 am to 1:00 pm, volunteers actively participated in conducting an Educational Survey in the nearby localities. The activity enabled the volunteers to interact closely with the community and understand the educational status and challenges faced by the residents.

In the afternoon session, from 3:00 pm to 6:00 pm, a hands-on workshop on “First Aid and Risk Mitigation” was conducted by the Sri Sathya Sai Seva Samithi. The session provided practical training on basic first aid techniques, emergency response, and risk mitigation strategies, equipping the volunteers with essential life-saving skills.

In the evening, a Christmas celebration was organised at the camp venue. The programme included cake cutting, festive messages, and cultural interactions, spreading joy and reinforcing the spirit of unity and togetherness among the volunteers. The day concluded with Cultural Programmes and Camp Evaluation from 8:00 pm to 9:00 pm, during which volunteers showcased their talents and shared feedback on the day’s activities. The celebrations added a special festive spirit to the camp, marking the successful completion of Day 3

**Day 4**

The fourth day of the NSS 7-Day Special Camp of NSS Unit 311, Ahlia School of Engineering & Technology (ASET) commenced with the morning assembly at 6:00 am. The assembly included the NSS song, physical training, thought of the day, and newspaper reading, fostering discipline, unity, and social awareness among the volunteers.

At 7:30 am, a session on “Heartfulness Meditation for Holistic Well-being” was conducted by Mr. T. S. Radhakrishnan, Heartfulness Trainer, Palakkad. The session helped volunteers attain mental calmness, improved focus, and emotional balance. From 9:00 am to 1:00 pm, volunteers actively participated in an Educational Survey, interacting with the local community and collecting valuable data related to educational awareness. In the afternoon, from 2:00 pm to 3:00 pm, a talk session on HIV/AIDS awareness was conducted by Ms. Nimisha, ICTC Counsellor, Chittur. The session provided detailed information on prevention, misconceptions, stigma, and the importance of early diagnosis, creating awareness among the volunteers. This was followed by another awareness session from 3:00 pm to 4:00 pm on “Laws Pertaining to Drugs and Its Usage”, delivered by Mr. N. Suresh Babu, Assistant Excise Inspector. The session educated volunteers on legal provisions, consequences of substance abuse, and the role of youth in promoting a drug-free society. From 4:00 pm to 7:00 pm, an Acting Workshop was conducted by Mr. Ajithchandran C, Master of Theatre Arts. The interactive workshop enhanced creativity, self-expression, confidence, and communication skills among the volunteers. The day concluded with Cultural Programmes and Camp Evaluation from 8:00 pm to 9:00 pm, during which volunteers reflected on the day’s learning and showcased their talents. The well-structured activities of the day significantly contributed to the holistic development of the volunteers, marking the successful completion of Day 4 of the NSS camp

**Day 5**

The fifth day of the NSS 7-Day Special Camp of NSS Unit 311, Ahlia School of Engineering & Technology (ASET) commenced with the morning assembly at 6:00 am. The assembly included the NSS song, physical training, thought of the day, and newspaper reading, reinforcing unity, discipline, and social responsibility among the volunteers. At 7:30 am, a Heartfulness Meditation session was conducted by Mr. T. S. Radhakrishnan, enabling the volunteers to begin the day with mental clarity, focus, and positivity. From 9:00 am to 12:00 noon, volunteers actively participated in a cleaning drive at the Pudunagaram Police Station premises. The activity aimed at promoting cleanliness, civic responsibility, and respect for public institutions. Volunteers worked enthusiastically to clean and beautify the premises, contributing meaningfully to the community. In the afternoon session, from 3:00 pm to 5:00 pm, an NSS Alumni Meet was organised at the camp venue. Former NSS volunteers shared their experiences, insights, and guidance, motivating the present volunteers and strengthening the bond between past and present members of the NSS unit. The day concluded with Cultural Programmes and Camp Evaluation from 8:00 pm to 9:00 pm, during which volunteers showcased their talents and reflected on the day's activities. The programme enhanced team spirit and marked another impactful day of service and learning during the NSS camp.



Day 6

The sixth day of the NSS 7-Day Special Camp of NSS Unit 311, Ahalia School of Engineering & Technology (ASET) commenced with the morning assembly at 6:00 am. The assembly included the NSS song, physical training, thought of the day, and newspaper reading, setting a disciplined and energetic tone for the day. At 7:30 am, a Heartfulness Meditation session was conducted by Mr. T. S. Radhakrishnan, helping the volunteers begin the day with mental calmness, focus, and positivity. From 9:00 am to 1:00 pm, a Medical Camp was organised in collaboration with the Ahalia Group of Hospitals at the camp venue. Medical professionals conducted general health check-ups and provided guidance on personal hygiene, preventive healthcare, and healthy lifestyle practices. The medical camp benefitted both the NSS volunteers and members of the local community. In the evening, the Valedictory Function of the NSS 7-Day Special Camp was held at MVHSS Pudunagaram. The programme began with the NSS Song, followed by a welcome address by Mr. Sanjay R, Volunteer. The Presidential Address was delivered by Dr. Rajeev N, Dean Academics, ASET, highlighting the significance of NSS activities in shaping socially responsible youth. The Valedictory Address was delivered by Mr. A. Babu, Panchayath President, Pudunagaram, who appreciated the dedicated service rendered by the volunteers during the camp. Felicitation addresses were offered by Mr. Ismail I, Ward Member, and Mr. Muhammed Rafi, PTA President. The Camp Report was presented by Mr. Jayakrishnan R, NSS Programme Officer, summarising the activities and achievements of the 7-day camp. The programme concluded with a vote of thanks by Mr. Abiram, marking the formal closure of the camp activities. The sixth day thus concluded on a memorable and fulfilling note, celebrating the successful completion of the NSS 7-Day Special Camp

**Day 7**

The seventh and final day of the NSS 7-Day Special Camp of NSS Unit 311, Ahalia School of Engineering & Technology (ASET) began with the morning assembly at 6:00 am. The assembly included the NSS song, thought of the day, and newspaper reading, encouraging reflection on the learning experiences and service activities of the camp. Following the assembly, a feedback session was conducted in which volunteers shared their experiences, memorable moments, and learning outcomes from the seven-day camp. The session provided an opportunity for collective reflection and evaluation of the camp activities.

A photo session was organised thereafter to capture the memories of the camp and commemorate the participation of the volunteers. By 3:00 pm, the NSS camp was formally dispersed, marking the successful completion of the NSS 7-Day Special Camp, December 2025. The final day concluded with a sense of fulfilment, strengthened bonds, and a renewed commitment to the ideals of the National Service Scheme.





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Palakkad

28 Dec 2025



സുനാമി ഭൂരണ സ്ക്രിപ്റ്റിൽ
എൻ.എസ്.എസ് ക്യാമ്പ്

පුතුනගරය: අපාලය පුද්ගලිකිනියරියාරු කොළඹිලේ පුද්. පුද්ස්.පුද්ස් යුණිදී ගෙවර 311 සංචාරකිස්ථිෂ් සපුළුම් හෝ වන කුළුයා පුතුනගරය පුද්.වි.පුද්ධ් පුද්ස්.පුද්ස් තෙකු. කුළුයා පුද්ගලිකිස් දායකායි 2004 යිස්වර 26ත් ඉංගාය මහා සුනාමියිල් ජිවාන් ගෘහ්‍යපුද්‍රවර ආරාසුරිය් වෙළුකාති රි තෙහුළිකරෙහි ප්‍රකාශ සංචාරකිස්ථිෂ් කුළුයා වැඩුහිල් ගෙ ගා පරිපාකිතියිල් පුද්.පුද්ස්.පුද්ස් බොලුණුවියර්මාද මෙ අංකතිරිකාරී කෙතිනිශ්ච්‍රම්භාග ප්‍රාචිනිය්. සුනාම් ඉගින්තා ගේ ජිකරගතයු ඉගින්ත ගිවාරණතිනිගේ ප්‍රායාගුරුවා ස ඉහැලතින්, ප්‍රායාගිය් ප්‍රතිය තෙවුනුවූ බොයාපුද්‍රවර ක පුද්ගලාග් පරිපාකිතුව ලක්ශ්‍රීමෙන් පුද්.පුද්ස්.පුද් ස් ප්‍රාග්‍රාම ගාම්පාශ්‍ර ප්‍රායාගිය් නිරියිය්.



National Youth Day – Human Chain Programme

The NSS Unit of Ahlia School of Engineering & Technology (ASET) organized a Human Chain Programme on 12 January 2026 as part of National Youth Day celebrations. NSS volunteers participated actively to spread awareness on youth wellbeing and social responsibility.

Dr. P. R. Suresh, Principal, ASET, addressed the gathering and spoke on the importance of youth in nation building, emphasizing that disciplined, responsible, and socially committed youth are essential for the country's progress. The programme concluded with a message encouraging students to actively contribute to society and national development.



NSS Volunteers Conduct Plastic Collection Drive at Public Places

As part of the Plastic Collection Challenge organized by the University NSS Cell in association with the Natural Resource Protection Force (NRPF), the NSS Unit of Ahlia School of Engineering & Technology, Palakkad, conducted a plastic collection drive at public places outside the campus on January 15, 2026.

NSS volunteers actively participated in the drive and collected plastic waste from roadsides and other public areas in the vicinity of the campus. The initiative aimed to raise awareness about plastic pollution and to encourage the public to adopt responsible waste disposal practices.

The collected plastic waste will be handed over to Haritha Karma Sena, Pudussery Panchayath, for proper and environmentally safe disposal as per the local waste management system.

The programme was organized under the coordination of Sabarinath M, Anamika, Irfana, and Sai Nitheesh. The activity formed part of the week-long Plastic Collection Challenge conducted from January 12 to 18, 2026, highlighting the commitment of NSS volunteers towards environmental protection and community service.



Yuva Aapda Mitra 7

Training today, protecting tomorrow

Our NSS volunteers Prashob, Arjun & Anamika at the YUVA AAPDA MITRA 7-day residential disaster management camp.

Preparedness is power.



ASET Student Selected for APJAKTU Republic Day Parade

Mr. Atul Karthik, a student of the Computer Science and Engineering (CSE) Department and volunteer of NSS Unit 311, Ahalia School of Engineering & Technology (ASET), actively participated in the Republic Day Parade event conducted at APJ Abdul Kalam Technological University (APJAKTU) in January 2026.

In recognition of his participation, he received a Participation Certificate from the Vice Chancellor, Dr. Ciza Thomas, during the Republic Day celebrations. His involvement showcased discipline, commitment, and patriotic spirit, bringing pride to the CSE Department, NSS Unit 311, and ASET.



Learning Through Service | NSS Camp

NSS Unit volunteers Arunprakash and Darsan are actively participating in the NSS camp at MES Kuttipuram, contributing their time and efforts towards meaningful community service. The camp is providing valuable hands-on experience, teamwork, and real-world learning while strengthening the spirit of social responsibility and volunteerism.

Proud to see our volunteers representing the unit with dedication and commitment.



Road Safety Quiz

As part of its ongoing road safety awareness initiatives, the ASET NSS Unit successfully conducted a Road Safety Quiz at Visvesvaraya Hall on January 19, 2026. The programme aimed to educate students on traffic rules, responsible driving, and the importance of road safety.

In the competition, Rabbin Ranjith T and Arun Prakash of the AI & ML department secured the first prize, demonstrating excellent awareness and presence of mind. The second prize was won by Neha P R and Anjana Prakash, also from the AI & ML department. M. Vishnu of the Mechanical Engineering department bagged the third prize.

The event witnessed active participation from students of various departments and concluded with appreciation for all participants for their enthusiasm and commitment towards promoting safer roads.



FACULTY PUBLICATIONS

Sangeetha P.S., Murugananth Gopal Raj, Preeja V., Sunitha K.G., Prabha R. published in International Journal of Computer Applications, A Publication of Foundation of Computer Science, Delaware, Scholarly peer reviewed publication

The details of the publication are as follows:

Title: A Predictive LSTM Framework for Proactive Adaptive Traffic Signal Control, Journal: International Journal of International Journal of Computer Applications

Foundation of Computer Science (FCS), NY, USA

Volume 187 - Number 74

Year of Publication: 2026

Authors: Sangeetha P.S., Murugananth Gopal Raj, Preeja V., Sunitha K.G., Prabha R.
10.5120/ijca2026926246



2026 ECE BATCH Phase I publications

1. Aditya Kiran SR, Anirudh Sreejithesh, Ashik M, Jishnu R, Ms. Gayathri PS, Dr. Balamurugan: 'A STUDY ON HIGH-PERFORMANCE VLSI ARCHITECTURE FOR REAL-TIME VIDEO EDGE DETECTION', International Research Journal of Modernization in Engineering Technology and Science, Volume:07/Issue:10/October-2025, e-ISSN: 2582-5208, <https://www.doi.org/10.56726/IRJMETS83693>
2. Dr. V. Balamurugan, Akshaya Sri PS, Anamika S, Manu S Vignesh, Mehrin Ayisha S: 'INTELLIGENT FRONT-DESK FRAMEWORK FOR ENHANCING PATIENT FLOW IN HOSPITALS', International Research Journal of Modernization in Engineering Technology and Science, Volume:07/Issue:10/October-2025, e-ISSN: 2582-5208, <https://www.doi.org/10.56726/IRJMETS83447>.
3. Arya PR, Ashrin A, Athish R, Chaithra KC, Dr. Aneesh K, Dr. V. Balamurugan: 'DESIGN AND FPGA IMPLEMENTATION OF A SIMPLIFIED MIPS-LIKE 8- BIT RISC PROCESSOR BASED ON HARVARD ARCHITECTURE USING VERILOG HDL', International Research Journal of Modernization in Engineering Technology and Science, Volume:07/Issue:10/October-2025, e-ISSN: 2582-5208, <https://www.doi.org/10.56726/IRJMETS83001>
3. Arya PR, Ashrin A, Athish R, Chaithra KC, Dr. Aneesh K, Dr. V. Balamurugan: 'DESIGN AND FPGA IMPLEMENTATION OF A SIMPLIFIED MIPS-LIKE 8- BIT RISC PROCESSOR BASED ON HARVARD ARCHITECTURE USING VERILOG HDL', International Research Journal of Modernization in Engineering Technology and Science, Volume:07/Issue:10/October-2025, e-ISSN: 2582-5208, <https://www.doi.org/10.56726/IRJMETS83001>
4. Arya Sasikumar, Dhanush P, Gowthami S, Mahitha M, Ms. Swetha C, Dr. V Balamurugan: 'CATRON: A CABLE UNNEL INSPECTION ROBOT', International Research Journal of Modernization in Engineering Technology and Science, Volume:07/Issue:10/October-2025, e-ISSN: 2582-5208, <https://www.doi.org/10.56726/IRJMETS83625>
5. Nandana N, Rijul R Das, Shakira U, Sivani PS, Mr. Sanish VS, Dr. V. Balamurugan: 'MICROSTRIP PATCH ANTENNA FOR SUB 6G APPLICATIONS', International Research Journal of Modernization in Engineering Technology and Science, Volume:07/Issue:10/October-2025, e-ISSN: 2582-5208, <https://www.doi.org/10.56726/IRJMETS83455>.
6. Sooraj S, Sidharth K, Vineeth M, Muhammed Aslam KM, Dr. V alamurugan: 'AN AI-POWERED LASER-BASED AUTONOMOUS ROVER FOR WEED DETECTION AND REMOVAL', International Research Journal of Modernization in Engineering Technology and Science, Volume:07/Issue:10/October-2025, e-ISSN: 2582-5208, <https://www.doi.org/10.56726/IRJMETS83768>
7. M Padmaja, Rayan Gaffor, S Chandru, Sreelakshmi V, Dr. Divya Mohan, Dr. V. Balamurugan: 'TOMATO QUALITY CLASSIFICATION', International Research Journal of Modernization in Engineering Technology and Science, Volume:07/Issue:10/October-2025, e-ISSN: 2582-5208, <https://www.doi.org/10.56726/IRJMETS82772>
8. Sanu CS, Sreerag P, Swetha R, Thriphthi M, Ms Vijitha Khan, Dr. V. Balamurugan: 'HYDRO TECH', International Research Journal of Modernization in Engineering Technology and Science, Volume:07/Issue:10/October-2025, e-ISSN: 2582-5208, <https://www.doi.org/10.56726/IRJMETS83493>.
9. Pooja P Menon, Subiksha S, Haadiq, Nikhil, Dr. Leesha Paul, Dr. V. Balamurugan: 'STUDY OF BRAIN TUMOR DETECTION USING MULTIMODAL MRI SCANS WITH DEEP LEARNING ALGORITHM AND EDGE AI', International Research Journal of Modernization in Engineering Technology and Science, Volume:07/Issue:10/October-2025, e-ISSN: 2582-5208, <https://www.doi.org/10.56726/IRJMETS83399>.

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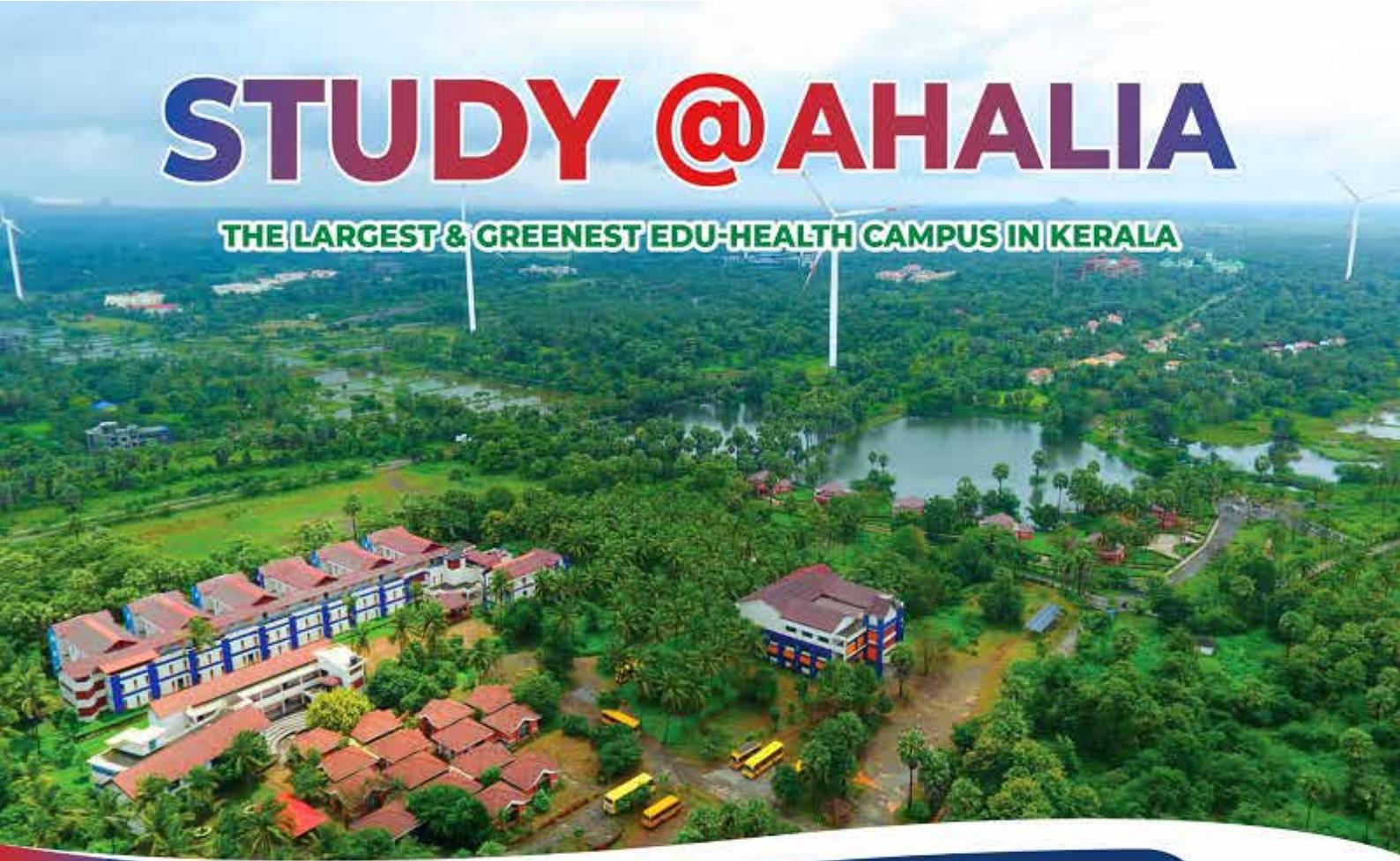


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- Paper Submission Deadline: 5 March 2026**
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