





Vol 2, Issue 02 FEBRUARY 2025

MONTHLY NEWSLETTER

















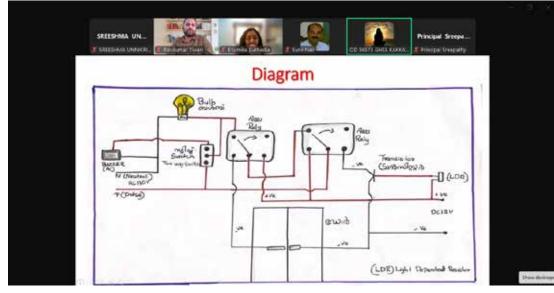


INNOVATE TO ELEVATE

The Ministry of Education's Innovation Cell at AICTE has selected Sreepathy Institute of Management and Technology (SIMAT) as a Nodal Centre for the Online Pitching Sessions scheduled on February 18 & 19, 2025. SIMAT is one of only 15 institutions across India chosen to facilitate these sessions, marking a significant achievement for the institute.

As part of the preparations, Prof. Sushma M and Mr. Sreekanth E. M attended an Online Orientation Session on February 13, 2025, at 12:30 p.m. The initiative is part of the School Innovation Council, established by the Ministry of Education's Innovation Cell, which aims to motivate, mentor, and nurture innovative ideas from

school students. This program supports young innovators by fundselected projects to develop them into products, technologies, start-ups. Out of more than one lakh submissions. approximately 1,500 ideas advanced to the next round.



As a Nodal Centre,

SIMAT has been entrusted with managing the online pitching sessions of 107 teams participating in the School Innovation Contest & School Innovation Marathon.





Prof. Sushma M, IQAC director and Ms. Sreeshma K, HOD i/c CSE department were the nodal coordinators for the two sessions which were running in paral-

lel. Mr. Sreekanth E M, Asst.Prof, CE dept. and Ms. Athira K A, Asst Prof, CSE dept. coordinated one of the sessions while Ms. Praseena K, Asst Prof, ECE dept. and Mr. Jyothis Manu, Asst.Prof, ME dept were the coordinators of panel 2 session.

The SIMAT team had the privilege of interacting with distinguished evaluators who are renowned figures in the field of entrepreneurship. Over the two days, six evaluators were assigned, with three experts per session. Their valuable insights and guidance enriched the overall experience for the participants.

All pitching sessions were conducted smoothly and within the scheduled time frame. The required documents were collected, and attendance records were uploaded on time, ensuring a well-organized and efficient process.

This recognition highlights SIMAT's commitment to fostering innovation, entrepreneurship, and technological advancement among young minds. By playing a pivotal role in this national-level initiative, the institute continues to contribute to the future of innovation and education in India.

BRIDGING TALENT WITH OPPORTUNITY

A placement drive was conducted by Sutherland Global and the Placement cell of SIMAT on 05-02-2025 covering all students of B.Tech. 2025 passing out batches. The requirement of was for fresh B. Tech. Graduates to be groomed to Campus Associate.

The drive saw the active participation of 47 students contributing to a vibrant and successful event. The pre placement talk by Smt. Pruthvi, Senior HR Executive, Sutherland, covered an overview of the company, selection and training process, placement assistance .etc.in an online presentation. Also they provided 2 topics to the participants to speak for about 2 minutes one by one (one anime character who inspired and second, a memorable day). The names of the shortlisted students were announced online, the face to face interaction for whom were held subsequently.

The selection of 19 students included Ms/Sri. Devika, Shifa Nasrin P. A, Anagha A, Arun Thilak, Akhil S Kumar, Vidhya K, Vipin KV, Sayand KK, S Ganga, Pooja Pradeep, Nithin C, Abhinand IV, Anand Venugopal, Siva Prasad of the CSE discipline, Bhardwaj (ME) and Abhirami Namboodiri, Satheerth Nair, Gokul CH and Saday Sarma AN (ECE) who will be reporting to the firm after their B. Tech. completion.

The attendance and data base of the students associated with the placement drive are attached along with the report as documentary evidence.



THE ROLE OF ALIN ENHANCING TECHNOLOGY

A webinar titled "The Role of AI in Enhancing Technology" was successfully conducted on February 12, 2024, at the Computer Centre. This session aimed to provide insights into the significance of Artificial Intelligence (AI) in today's technological landscape, particularly focusing on its rapid development in India, with special emphasis on Hyderabad and Telangana as emerging AI hubs. The session sought to enlighten students about the importance of AI in modern technology.



The session commenced at 9:30 a. m. with a warm welcome from Mr. Hithes P, setting a positive tone for the discussions that followed. Dr. T. P. Sasikumar delivered an engaging keynote address, elaborating on the role of AI in healthcare. He highlighted its applications in medical diagnosis, predictive analytics, and patient care, demonstrating how AI is transforming these critical sectors.

Dr. Sasikumar also emphasized the importance of free Al courses, MOOCs (Massive Open Online Courses), and other learning platforms available for students to upskill in this fast-evolving field. The interactive nature of the session encouraged students to ask questions, which Dr. Sasikumar patiently addressed, making the discussion both engaging and informative.

Notable contributions during the discussions came from:

Mr. Aravind (S4 AI & DS), Ms. Arshidha (S2 AI & DS), Ms. Namitha (S2 A3 AI & DS), Mr. Aswin (S2 A3 AI & DS)

Dr. Sasikumar thoughtfully addressed their queries, providing clear explanations and enhancing understanding of Al's potential.

The webinar was attended by 42 students from various branches along with faculty members, making it an inclusive and enriching experience. Among the dignitaries present were Mr. Hithes P, Ms. Archana P, and Ms. Soby K Simon.







The program flow included:

Welcome Speech by Mr. Hithes P Keynote Address by Dr. T.P. Sasikumar Interactive Q&A Session Vote of Thanks

The event concluded with a Vote of Thanks delivered by Ms. Namitha, a student of A3, who expressed gratitude to the speaker, coordinators, and participants for their contributions to the success of the session.

The webinar concluded with heartfelt thanks expressed by Ms. Namitha towards Dr. Sasikumar for his insightful presentation, as well as appreciation for the engagement of all students. Special thanks were also extended to the principal, the heads of various departments, and staff members, particularly Ms. Archana from EEE and Dr. Sagar Narayanan, for their invaluable support in making this event successful.

These sessions not only enriched students' knowledge about AI but also fostered an environment of curiosity and dialogue regarding future technological advancements, along with insights into career opportunities in the field of AI.

Overall, the webinar was well-organized, insightful, and easy to understand, providing students with a deeper understanding of Al's impact on technology and career opportunities. The engaging discussions and interactive Q&A session made it a valuable learning experience for all attendees, fostering curiosity and dialogue about future advancements in Al.

SHARPENING THE EDGE -SOFTSKILL GROOMING



A session on Soft Skills Grooming was conducted by Dr. Gokuladas V.K. (COO, Indian Schools, Oman) on 3rd and 4th February 2025 at Sreepathy Seminar Hall. The event was organized by Clementia – The Association of the CSE Department and was structured into three insightful sessions.

The session was designed to address the students of S6 ECE, S6 EEE, S6 CE, and S6 ME, emphasizing the importance of soft skills in today's competitive job market. The session on 3rd February 2025, held from 2:00 p. m. to 3:30 p.m., commenced with a welcome address by Ms. Anjali Ananthan (Assistant Professor, ECE Department). Dr. Gokuldas V.K. engaged the students in an interactive session that covered various critical aspects of soft skills, including their relevance, the necessity of soft skills in professional growth, effective resume preparation, and interpersonal communication techniques.



The session was highly engaging and made the students realize the current job market trends and the significance of developing essential soft skills. The session concluded with a vote of thanks by Ms. Roshni T Mohan (Assistant Professor, CE Department).

The Soft Skills Grooming session was a valuable experience for the students, equipping them with essential insights into career develop. m.ent. The program successfully highlighted the need for effective communication, leadership, adaptability, and professional etiquette. The students actively participated, making the session an enriching and thought-provoking experience. The event was a grand success, thanks to the efforts of Clementia – The Association of the CSE Department, and the valuable contribution of Dr. Gokuladas V.K.

MASTERING THE ART OF PROFESSIONALISM

The department of Computer Science and Engineering, SIMAT, organized an insightful session on "Soft Skill

Grooming" for all faculty members across various departments.

The session took place on Tuesday, February 4th, 2025, from 2:00 p. m. to 4:00 p. m. The event was well-organized and executed with keen attention to detail, ensuring a meaningful experience for all attendees. The session commenced with an introduction of the distinguished speaker Dr. Gokuladas V. K, by Ms. Anjali Ananthan from the Department of Electronics and Communication Engineering. Dr. Gokuladas, a veteran turned academician and administrator, brings 34 years of professional



experience, including 15 years of service in the Indian Air Force. His extensive academic credentials include a graduate degree in Economics and Law, a Diploma in Training & Development, postgraduate degrees in Business Administration, Psychology, and Philosophy, and a Doctorate in Management focusing on the employability of engineering graduates. Currently, he serves as the Assistant Education Advisor - Operations in the Board of Directors, Indian Schools in Oman.

In his engaging and thought-provoking session, Dr. Gokuladas emphasized the essential soft skills required for lecturers to enhance their careers and teaching effectiveness. He discussed the significance of communication skills, adaptability, emotional intelligence, mentorship, and continuous self-improvement in academia. Drawing from his rich experience, he provided practical strategies that educators can implement to create a more engaging and impactful learning environment for students.

The session was highly interactive, with faculty members actively participating, sharing their experiences, and seeking guidance on career growth and self-improvement. Dr. Gokuladas' insightful perspectives and engaging delivery made the session both enlightening and transformative. The event concluded with a heartfelt vote of thanks, expressing gratitude to Dr. Gokuladas for his invaluable contributions and to all the faculty members who participated, making the session a great success.

Overall, the session served as an excellent platform for professional development.





TINK-HER-HACK 3.0

Tink-Her-Hack 3.0 was a dedicated 18-hour Women's Hackathon successfully conducted from February 8th to February 9th, 2025 aimed at fostering innovation, creativity, and problem-solving skills among female students. The event was organized in collaboration with IEDC, IIC, and IEEE WIE to provide a platform for young women to showcase their technical and entrepreneurial skills. The event was coordinated by Mr. Sreekanth E M (AP, CE), IEDC Nodal Officer and Ms. Praseena K, (AP, ECE), IIC Coordinator with support from Ms. Anjali P V (S6 CSE Student), the student coordinator.





After the registration process the hackathon commenced with an inaugural session, presided over by Professor Sushma M, IQAC Coordinator, who emphasized the importance of women's participation in technology-driven initiatives and encouraged participants to explore new ideas and solutions. This was followed by an insightful address by Mr. Sreekanth E M, who highlighted the objectives and expectations of the hackathon. Participants then proceeded with the registration (Check-in) process, after which they were divided

into two batches; e a c h assigned a mentor f r o m Tinker hub for guidance a n d support.



The event was structured to keep participants engaged, ensuring a balance between intense work sessions and necessary refreshments to maintain energy levels. The timeline of the event was given below.

- 2:00 P. M. -2:45 P. M.: Registration and check-in of participants
- 2:45 P. M.: Inauguration of the event
- 3:00 P. M. to 4:30 P. M.: Introduction to the hackathon and team formation
- 4:30 P. M.: Refreshment break (Tea and Snacks)
- 5:00 P. M. to 9:00 P. M.: Hacking session (Problem-solving and coding under mentor guidance)
- 9:00 P. M.: Dinner break
- 10:00 P. M. to 12:00 AM: Continued hacking session with mentor support
- 12:00 AM: Midnight refreshment break (Soft drinks and cakes) with an entertainment session by SoulBeats SIMAT Music Team
- 12:30 AM 8:00 AM: Overnight hacking session (Participants continued working throughout night)
- 8:00 AM: Breakfast break
- 8:30 AM 11:00 AM: Final hacking session, debugging, and polishing of projects
- 11:45 AM: Project submission completed
- 11:45 to 1:00 P. M.: Presentation by teams and Evaluation by mentors
- 1:00 P. M.: Prize distribution
- 1:30 P. M.: Program wind-up

Throughout the event, mentors guided the teams, providing valuable feedback and ensuring smooth progress. After the submission deadline, a panel of mentors evaluated all projects based on innovation, technical implementation, problem-solving approach, and presentation skills. From the 48 participants, the Top 6 teams were shortlisted for final presentations. The top 6 teams had the opportunity to present their projects, followed by the awards distribution and a photo session capturing the memorable moments of the event. Finally, a vote of thanks was delivered by Ms. Praseena K, acknowledging the contributions of participants, mentors, and organizers in making the event a grand success.

The Tink-Her-Hack 2025 successfully provided an engaging and enriching experience for all participants. The hackathon



not only promoted technical excellence but also encouraged collaboration, problem-solving, and creativity among women in technology. The event concluded on a high note, with participants expressing enthusiasm for future editions.

Dr. Vinod C (HOD, ECE), Dr. Rahul T S (HOD, CE), Ms. Uma Maheswari P B (AP, AS&H) Ms. Aarathy P S (Teaching Assistant, CSE) and Mr. Anil Das V K, Electrician were actively engaged in guiding students.



Details of winners: -

Prize	Team Name	Members	
First Prize	Team ScoobyDoo	1. Namitha M, S2 AI & DS	
	(Project Title: AI Generated Quiz)	2. Arshida Asharaf, S2 AI & DS	
		3. Shamna Sherin, S2 AI & DS	
Second	Team Phoenix	1. Soorya O T, S4 AI & DS	
Prize	(Project Title: Checklist: A task	2. Harsha M, S4 EEE	
	Remainder)		
Third Prize	Team Darkside	1. Hridhya T B, S2 CSE	
	(Project Title: Study Time Planner)	2. Haritha K V, S2 CSE	

BLOOD DONATION CAMP

The NSS Unit, Sreepathy Institute of Management and Technology, organized a Blood Donation Camp named Sanjeevanam 5.0 on February 11,2025., with 58 donations. This was conducted in collaboration with IMA Blood bank Thrissur. It was held from 10 a. m. to 1 p. m. at seminar hall.

TECHSAGE

The TechSage paper presentation event was successfully held on 24th February 2025 as part of the College Tech Fest KALAASH 2025 at the Sreepathy Institute of Management and Technology. The event provided a platform for students to showcase their technical knowledge, innovative ideas, and research contributions across various domains of engineering and technology. The event was coordinated by student coordinator Ms. Abhirami Namboodiri E A, with support from fellow student coordinators Mr. Venkitesh, Mr. Shyamkumar Baburaj, Mr. Sreevishnu, Ms. Alinda Antony, and Ms. Devika P S, all representing different streams of engineering. The faculty coordinator for the event was Dr. Hema P. Menon, supported by Ms. Reji Rahamth, Ms. Sini M, Ms. Soby K. Simon, Ms. Anjana M. M, and Ms. Athira K. P.

The event commenced at 9:30 a. m. with an inaugural session, where faculty and student co-ordinators addressed the gathering. The importance of technical paper presentations in fostering research and development was highlighted, encouraging the participants to explore more emerging technologies and innovations.

The event saw enthusiastic participation from students across multiple engineering disciplines from different colleges. A total of 10 students presented papers on a wide range of technical and research-based topic.



Participants were free to choose areas of interest, leading to a diverse set of presentations from various technological domains. Some of the topics presented are listed below.

- Roadrift Al-based Pothole Detection and Reporting System.
- Innovation in Stroke Identification A Machine Learning-base d Diagnostic Model Using Neuroimages.
- Disha An Indoor Localized Navigation System for Hospitals.
- Johnson-Nyquist Noise-Based Hardware Random Number Generators For Server Load Balancers.
- Cybercrime & Cybersecurity in India.
- Generative AI The Future of Content Creation.
- EMG Signal Analysis Real-Time Muscle Activation Classification Using the Random Forest Algorithm.
- GreenPy Evaluating Application-Level Energy Efficiency in Python for Green Computing.
- Underwater Object Detection Using YOLOv8.
- AI in Healthcare Revolutionizing Medicine.



Judging and Evaluation:

A panel of distinguished judges, consisting of faculty members from various engineering disciplines, evaluated the presentations based on the following criteria:

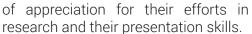
- Content Quality: The depth, accuracy, and relevance of the research presented.
- Presentation Skills: Clarity, confidence, and effectiveness in delivering the presentation.
- Question Handling: The ability to respond to queries, defend arguments, and engage with the audience.

List of Panel Members:

Dr. Hema P. Menon, Ms. Reji Rahamth, Ms. Sini M., Ms. Soby K. Simon, Ms. Anjana M. M and Ms. Athira K. P.

Winners and Awards:

After a thorough evaluation, the winners were selected and awarded certificates and cash prizes as a token









Prize	Presentation Topic	Student Name	College	Prize Money
First	Underwater Object Detection Using YOLOv8	Mr. Vivek R. Nair	Sreepathy Institute of Management and Technology, Vavanoor	Rs.2000/-
Second	Johnson-Nyquist Noise- Based Hardware Random Number Generators for Server Load Balancers		College of Engineering, Trivandrum	Rs.1500/-
Third	Roadrift – Al-based Pothole Detection and Reporting System	Ms. Jasline Cheeran Jaison	Royal Engineering College, Thrissur	Rs.1000/-
Appreciation Award	Generative AI – The Future of Content Creation	Ms. Namitha	Sreepathy Institute of Management and Technology, Vavanoor	Rs.500/-











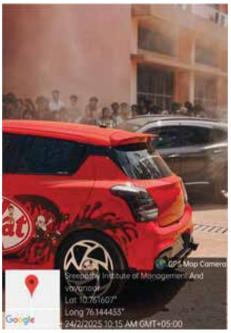
success.

The TechSage paper presentation event at SIMAT was a resounding success, providing a platform for young minds to share their innovative ideas and research contributions. The event not only showcased the technical acumen of the participants but also fostered a spirit of inquiry and collaboration in the field of engineering and technology.

The enthusiasm and engagement of the participants, faculty, and students contributed to making the event a memorable and impactful experience. TechSage 2025 encouraged students to engage in research and technical discussions, enhancing their problem-solving skills and innovative thinking. The event concluded with a vote of thanks by the organizing committee, acknowledging the efforts of the participants, judges, and faculty members who contributed to its

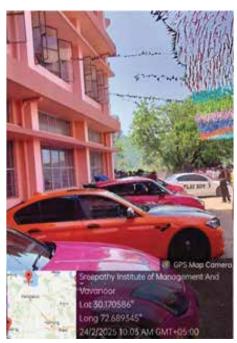
KALAASH 2025

successfully conducted on the 24th and 25th of February 2025. The event served as a platform for students to showcase their technical expertise, artistic creativity, and cultural heritage. Organized under the



guidance of esteemed faculty members and student coordinators, KALAASH 2025 brought together participants from diverse backgrounds to engage in an array of events spanning multiple disciplines.

This year's fest featured a well-curated mix of technical competitions, hands-on workshops, cultural performances, and entertainment programs, ensuring that there was something for everyone. The meticulously planned schedule allowed students to



participate in both academic and recreational activities, fostering a spirit of innovation, teamwork, and celebration. Through technical events like hackathons and ideathons, students were encouraged to devise groundbreaking solutions, while cultural activities and pro

shows provided a platform for artistic expression.

The event was coordinated by Dr. S.P. Subramanian (Patron), Dr. Sagar M. Narayanan (Staff Coordinator), Mr. Sarath S (Staff Co-Coordinator), and student coordinators Mr. Vipin and Ms. Neehara V.S. Their dedicated efforts, along with the enthusiasm of participants and volunteers, ensured the seamless execution of the fest. The two-day event witnessed remarkable participation, making it a memorable experience for all involved.

Day 1: 24th February 2025

The first day of the fest was packed with a diverse range of events including technical showcases, workshops, gaming competitions, and live performances.

Motor Show (10:00 a.m - 2:00 p.m)

As part of the much-anticipated techno-cultural festival "KALAASH- 2K25" held at Sreepathy Engineering College, the Motor Show was an exhilarating exhibition of premium cars that captivated attendees. The event took place on the 24th of February 2025, from 10:30 a.m to 2:30 p.m, at the college's main building area.



The Motor Show was a display of 9 premium cars, showcasing brands renowned for their cutting-edge technology and luxury. Among the cars displayed were world-famous brands such as BMW and Nissan, known for their innovative features, sleek

designs, and performance excellence.

Live Caricature (9:30 a.m. - 3:00 p. m)

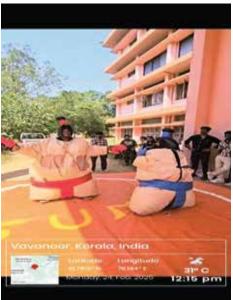
A special live caricature event was conducted by Mr. Rethish Ravi, a renowned artist and a member of the Kerala Cartoon Academy. His expertise in caricature art was evident in the humorous yet masterfully crafted sketches he created for participants. Students and faculty alike gathered to get their portraits drawn, enjoying the lighthearted and artistic atmosphere. This event not only served as a source of entertainment but also highlighted the importance of visual arts in contemporary culture.



The event saw an overwhelming response, with long queues of eager participants excited to see their exaggerated yet creative portraits. His ability to highlight facial features in a witty yet respectful manner impressed everyone. Many students took home their caricatures as souvenirs, making it a memorable experience. The event not only entertained but also showcased the importance of art and creativity in a technological fest like KALAASH 2025.

Games (11:00 a. m. - 3:00 p. m)

The Tech Fest- KALASH'25 Gaming Session was successfully conducted on 24th February 2025 at the Civil Portico from 11:00 a.m. to 2:00 p. m.. The session featured four exciting games, with the following schedule: Dancing Bull was held from 11:00 a.m. to 12:00 p. m., followed by Bubble Fight from 12:00 p. m. to 1:00 p. m., and Sumo Fight from 1:00 p. m. to 2:00 p. .m, while Archery was conducted as a parallel session from





11:00 a.m. onwards. Notably, some of the gaming sessions were carried out in a tournament pattern, with exciting awarded prizes to winners, adding an extra layer of competitiveness and thrill to the event. All games were conducted with strict adherence to safety precautions and rules, and trained game instructors were present to support participants. The event witnessed enthusiastic participation from over 100 students and staff, promoting a spirit of competition among them. Overall, the Tech Fest Gaming Session was a resounding success, and future events can consider incorporating more parallel sessions.

Technical Events:

IEEE Ideathon (SPARKATHON) (10:30 a.m. - 3:00 p.m.)

SPARKATHON, an ideathon organized by the IEEE Student Branch (SB) of SIMAT as part of Kalaash 25, was held on 24th February 2025 from 10:30 a. m to 3:00 p. m. The event aimed to foster creativity, problem-solving skills, and technological innovation among students by providing a platform to develop and present groundbreaking ideas. A total of 13 participants, forming multiple teams, engaged in brainstorming, mentorship sessions, and idea pitching before a panel of judges. The ideathon focused on solving real-world problems in domains such as smart cities, healthcare, sustainable energy, and digital transformation.

The event followed a structured approach, beginning with the release of problem statements, followed by intensive discussions and ideation sessions. Participants received guidance from IEEE professionals and faculty mentors to refine their ideas before presenting them to the judges. The evaluation criteria included innovation, feasibility, societal impact, technical soundness, and presentation skills. The judging panel included Prof. Sushma M, Branch Counsellor of IEEE SB SIMAT, and Dr. Hema P Menon, Dean of R&D at SIMAT, who assessed the ideas and provided valuable insights.

After rigorous assessments, the winners were announced:

- First Place Akshat Pradeep (MITS Kochi) for his idea 'Hers Truly'.
- Second Place Jishnu Vijayan & Salman Faris (SIMAT) for their project 'Epilepsy Detection & Alerting System Using EEG Monitoring'.
- Third Place Mohammed Suhail & Shreyas Kishore (CET Trivandrum) for their idea 'Johnson Nyquist Noise-Based Multi-Purpose Hardware Random Number Generators'.

SPARKATHON proved to be a successful initiative, fostering teamwork, interdisciplinary collaboration, and real-world problem-solving skills among students. The event reinforced IEEE SB SIMAT's role in driving technological advancements and contributed to the intellectual dimension of Kalaash 25. With the enthusiasm and creativity showcased by participants, the IEEE SB SIMAT plans to continue this initiative in future editions of Kalaash, further nurturing innovation and problem-solving capabilities among students.

IEDC Project Expo (10:30 a. m - 1:00 p. m)

The IEDC (Innovation and Entrepreneurship Development Cell) Project Expo was one of the key highlights of KALAASH 2025, showcasing groundbreaking student innovations and research-based projects. The event served as a platform for budding innovators to display their creative and technical prowess across multiple domains, including engineering, technology, and sustainable solutions.

The expo featured projects from various disciplines, including Artificial Intelligence, Renewable Energy, Robotics, IoT (Internet of Things), Smart Cities, and Environmental Sustainability. Each team presented their prototypes and research models, demonstrating how their innovations could provide solutions to real-world challenges.

A panel of esteemed judges, comprising faculty members, industry experts, and entrepreneurs, evaluated the projects based on their originality, feasibility, technical execution, and potential societal impact. Many projects received special recognition for their ingenuity and practical application.

Some standout projects included:

- Al-Powered Smart Traffic Management System:
 - A solution to reduce congestion using machine learning and real-time analytics.
- Solar-Powered Water Purification Unit:

A cost-effective and eco-friendly solution for providing clean drinking water in rural areas.

• Autonomous Delivery Drone:

A drone system designed to facilitate fast and efficient delivery of medical supplies.

• IoT-Based Smart Farming System:

A device that helps farmers monitor soil conditions and optimize irrigation using real-time data.

The expo not only allowed participants to display their technical expertise but also encouraged collaboration between students and industry professionals, opening doors to potential funding and mentorship opportunities.

Soul Beats (11:00 a.m. - 12:30 p.m.)

The Soul Beats musical program was one of the most captivating and energetic events of KALAASH 2025. This live music extravaganza featured talented student bands, solo vocalists, and instrumentalists who took the stage to deliver mesmerizing performances across various musical genres, including classical, rock, pop, and fusion.

The event opened with a soulful rendition of classical melodies, setting a serene yet engaging atmo-



sphere. This was followed by electrifying rock performances that had the crowd cheering and clapping along. Several budding musicians showcased their instrumental prowess, with standout performances on the guitar, keyboard, and drums. The fusion segment, blending Indian and Western music styles, was particularly well-received by the audience.

Panchavadyam by HSS Peringode Students (12:30 p. m. - 1:00 p. m.)

One of the most enthralling and culturally rich performances at KALAASH 2025 was the Panchavadyam by the talented students of HSS Peringode. Panchavadyam, a traditional temple percussion ensemble from Kerala, is a vibrant orchestral form featuring five classical instruments: Thimila, Maddalam, Ilathalam, Idakka, and Kombu. The students' dedication and rigorous practice were evident in their synchronized beats and rhythmic variations, which captivated the audience and created an electrifying atmosphere.

The performance began with a slow-paced rhythm that gradually intensified, demonstrating the intricate layering of beats and patterns unique to Panchavadyam. The students, dressed in traditional attire, played with immense energy and precision, enthralling both music enthusiasts and first-time listeners alike. The resonating sound of the Maddalam and Thimila, complemented by the rhythmic clashing of llathalam (cymbals) and the majestic notes of the Kombu (wind instrument), provided an authentic experience of Kerala's cultural heritage.

Adding to the grandeur of the event, the reigning champions of the Kerala State Kalotsav, Peringode School's Panchavadyam Team, were honored with a special felicitation ceremony. The recognition highlighted their excellence in this traditional art form and celebrated their achievements in preserving and promoting Kera-



la's rich musical heritage. Following the felicitation, the team delivered a captivating live performance, once again mesmerizing the audience with their unmatched rhythmic coordination and cultural artistry.

Departmental Technical and Fun Events (9.30 a.m.- 3.00 p.m)

KALAASH 2025 featured a series of technical and fun events organized by six major departments: Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics and Communication Engineering, Computer Science Engineering, and Artificial Intelligence & Data Science. Each department designed unique and engaging activities, providing students an opportunity to test their skills, creativity, and problem-solving abilities. Below are the key highlights from each department:

Civil Engineering Events:

- AutoCAD Competition: A contest that tested students' proficiency in drafting and designing structures using AutoCAD software.
- QR Hunt: A scavenger hunt using QR codes placed strategically around the campus, requiring problem-solving and navigation skills.
- Cardboard Construction Challenge: Teams were given limited materials to build innovative and sturdy structures.
- Model Display: Architectural and engineering models of bridges, buildings, and infrastructure projects were showcased by students.





Mechanical Engineering Events:

- RC Racing: A thrilling remote-controlled car race where participants controlled high-speed cars on a custom-built track.
- Gun Assembly Challenge: Participants were given mechanical components and had to assemble a functional model within a time limit.
- Slow Race: A unique race where the objective was to ride a vehicle as slowly as possible without losing balance
- Mechanical Expo: An exhibition featuring innovative mechanical prototypes, 3D-printed models, and automation projects.

Electrical Engineering Events:

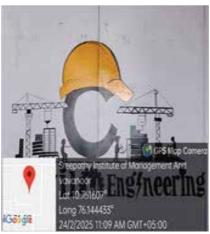
- Wire Loop Challenge: A test of precision and patience, where participants had to navigate a wire loop through an obstacle without making contact.
- Path to Glow: A circuit-based competition requiring students to complete a given circuit to light up LEDs within a time frame.
- Squid Game Electrical Edition: A game inspired by the popular series, integrating electrical problem-solving tasks.
- Circuit Debugging: A problem-solving event where students identified and fixed errors in pre-designed circuit boards.

Electronics and Communication Engineering Events:

- The Logic League: A competition testing students' digital logic design skills using simulation software.
- Analog Venture: A hands-on contest involving circuit design and implementation.
- Mind Maze: A fun puzzle-solving event based on electronic logic and hardware concepts.
- Drone Racing: Participants flew drones through an obstacle course, testing precision control.

Computer Science Engineering Events:

- Capture the Flag: A cybersecurity challenge where participants solved hacking challenges to uncover hidden flags.
- Hackathon: A team-based coding marathon to develop innovative software solutions in a limited time.
- Website Cloning: Participants were tasked with replicating the design and functionality of a given website.
- Call of Duty Tournament: A high-intensity eSports competition featuring multiplayer gaming.







Artificial Intelligence & Data Science Events:

- Al Expo: A showcase of Al-powered projects, including chatbots, image recognition models, and predictive analytics.
- Face Art with Al: A creative event where participants generated digital artwork using Al-based tools.
- Ghost House (Al-based Horror Simulation): An interactive horror simulation experience controlled by Al.











NAVADHARA Band – Pro Show (2:30 p. m. - 5:00 p. m.)

The first evening of KALAASH 2025 culminated in a spectacular pro-show featuring the NAVADHARA Band, a well-known musical group celebrated for their unique blend of traditional and contemporary music. The band captivated the audience with their fusion of classical Indian instruments and modern beats, creating a mesmerizing musical experience.

Their set list included a dynamic mix of soulful melodies, high-energy rock renditions, and foot-tapping folk beats that resonated with the diverse audience. The incorporation of live percussion, powerful vocals, and rhythmic instrumentals kept the energy levels high, ensuring an unforgettable experience for everyone present.



Day 2: 25th February 2025

Cultural Programmes (9.00 a. m. - 3.00 p. m.)

Various cultural programmes were organized as part of this event, showcasing exceptional performances across multiple disciplines which was held on 25th February 2025. It featured a diverse range of performances by students from different years. The event served as a platform for students to showcase their talents in music and dance.

A total of 35 performances were scheduled starting from 10:00 a.m., featuring 10 events from 1st-year students, 9 events each from 2nd-year and 3rd-year students, 6 events from 4th-year students, and 1 event

by the faculty team. Each performance was allotted a specific time slot, ensuring seamless the execution of the program. Faculmembers played a crucial role in coordinating the event, auidina the



participants, and ensuring that everything proceeded smoothly.

The successful coordination and execution of the cultural programmes were made possible by the dedicated efforts of the Cultural Committee members led by Ms. Sreeshma K. Ms. Asmi P and Ms. Anjali Sasikumar efficiently prepared the detailed event schedule, ensuring a well-structured timeline for all performances. And prior to the cultural programmes, a dedicated screening committee was formed to evaluate and finalize the programmes. The screening committee comprised of Ms. Aiswarya S M, Ms. Sribi M. P., Mr. Anoop K C, Ms. Divyalakshmi P, Ms. Mini O P & Ms. Aswathy K R.

The programme was meticulously organized with the help of faculty members Jayan T V, Shamseena P T, Aparna V, Soby K Simon, Archana P, Anjana M M, Roshini T, Athira Menon G, overseeing different performances. Their involvement ensured discipline and timely transitions between acts. The event also fostered collaboration and teamwork, as many students worked together in groups to put forth well-coordinated performances.

Ethnic Show (3.00 p. m. – 3.30 p. m)

The Ethnic Show was one of the most vibrant and visually stunning events of KALAASH 2025, celebrating the diverse cultural heritage of India. This event provided students with a platform to showcase their traditional attire, customs, and artistic expressions, reflecting the richness of Indian traditions.



The show featured participants dressed in exquisite ethnic outfits representing various states and regions of India. From the majestic silk sarees of South India to the intricate embroidery of Guiarat, the audience witnessed breath-taking display of traditional fashion. Each participant proudly represented their cultural

identity, walking the ramp with grace and confidence.

The event was accompanied by a captivating narration highlighting the significance of each attire, explaining the historical and cultural influences behind different styles. Participants also performed short cultural



acts, including folk dances and storytelling, adding depth, and meaning to the event. The first prize for the Ethnic Show was awarded to Ms. Niranjana J S and Sooraj K of S4 CSE for their outstanding presentation and stunning representation of cultural heritage.



Kalaripayattu Performance (4:00 p. m - 5:00 p. m)

One of the most exhilarating highlights of KALAASH 2025 was the Kalaripayattu performance, an awe-in-spiring display of India's oldest martial art form, performed by Ms. Anshida and Ms. Archana from HGS Kalari Edappal. The performance was a tribute to the ancient warrior traditions of Kerala, demonstrating the agility, strength, and discipline required for this art form.

The event commenced with a traditional salutation to the Kalari (training ground), followed by an impressive series of movements, including Vadivu (animal postures), Meipayattu (body conditioning exercises), and high-speed weapon combat sequences. The performers exhibited extraordinary flexibility and control, mesmerizing the audience with their graceful yet powerful movements.





PRO SHOW – Day 2: FEJO'S DJ Rap Performance (5:30 p. m. - 8:00 p. m.)

The grand finale of KALAASH 2025 was an electrifying DJ Rap performance by FEJO, one of the most celebrated rappers in the Malayalam music industry. Known for his dynamic lyrical flow, hard-hitting beats, and stage presence, Fejo took the audience on a musical rollercoaster, delivering an unforgettable experience that had the crowd on their feet throughout the night.

A highlight of the event was Fejo's freestyle rap segment, where he improvised verses based on audience suggestions, showcasing his exceptional lyrical talent. His ability to mix Malayalam and English rap created a unique fusion that resonated deeply with the young crowd. Songs covering themes like youth empowerment, social change, and contemporary urban life struck a chord with students, making the performance not just entertaining but also thought-provoking.





The DJ-backed rap set, combined with pulsating lights and synchronized beats, transformed the college auditorium into a vibrant concert venue. The electrifying atmosphere reached its peak when Fejo performed his chart-topping numbers, with the entire audience singing along, waving their hands, and jumping to the beat.

The finale of the performance was marked by an explosive closing song, followed by a heartfelt appreciation from Fejo, who acknowledged the students' energy and enthusiasm. The event ended on a high note, leaving attendees exhilarated and making it a truly fitting conclusion to KALAASH 2025.

MUSIC SAGA

On the afternoon of 14th February 2025, the SIMAT Music Club- Soul Beats hosted an exciting music quiz competition, Music Saga, at the Seminar Hall. The event, which ran from 2:00 PM to 4:00 PM, brought together 16 enthusiastic teams of two members each from different departments, all eager to showcase their music knowledge. The competition was filled with fun, challenge, and energy, with each round designed

to test participants' musical expertise across various formats. The whole competition was divided into four rounds. The first round challenged participants to fill in the missing lyrics from famous songs. A part of the lyrics was displayed, and some words from the lyrics was left incomplete. Contestants had to identify the missing lyrics within a given time frame.

For the second round, images related to famous songs were displayed on the screen. Each image depicted an iconic moment, scene, or object tied to the song. In the third round a snippet from the song was played and the contestants had to identify the song.



In the last round, general questions related to Indian music were asked.

The competition was intense but filled with excitement, as teams battled it out in each round, demonstrating impressive musical knowledge. Some of the most memorable moments came from participants confidently identifying missing lyrics or quickly recognizing songs from visual clues.

A lively atmosphere was maintained, with teams and audience showing enthusiasm and camaraderie, especially when they nailed a tough question or answer.



First Prize: Vipin & Vishnu (S8 CSE)



Second Prize: Amarshon and Arun (S2 EEE)



Third Prize: Anjana V & Aiswarya Vijayan (S4 EEE)

The Music Saga 2025 was a successful and memorable event, organized by the SIMAT Music Club. It brought together music lovers, tested their knowledge, and celebrated the art of music. The competition not only allowed participants to showcase their love for music but also created an interactive and engaging experience for all involved.

ALUMNI INTERACTION

'Inspire' ECE Department Association hosted an engaging alumni interaction session on 7th February 2025, featuring Mr. Alwin Kuriakose, an alumnus of the 2013-2017 batch who is currently a Demi Chef de Partie at Le Meridien Dubai Hotel & Conference Centre. The session aimed to provide students with valuable insights and motivation through the experiences of a distinguished alumnus who has successfully transitioned into an unconventional career path.

Welcomed by Ms. Anjali Ananthan, Assistant Professor, ECE Department, Mr. Alwin took the students on a nostalgic journey, recalling fond memories of his college days at SIMAT. He shared how his transition from an engineering background to the culinary industry was driven purely by passion and unwavering commitment. Addressing the S6 ECE students, he underscored the importance of pursuing one's dreams with dedication and resilience, encouraging them to remain steadfast in their ambitions despite societal norms and expectations.



His candid discussion resonated deeply with the students, sparking engaging conversations about career exploration, passion-driven success, and the courage to break conventional barriers. His journey stood as a testament to the idea that true success lies in the pursuit of one's passion, no matter how unconventional the path may seem. The session concluded with heartfelt appreciation for Mr. Alwin, leaving the students inspired and motivated to carve their own unique paths.

DISCOVER THE WORLD OF VLSI TECHNOLOGY

The ECE Department Association, in collaboration with the Sreepathy ISTE Chapter, successfully conducted an online session titled "Discover the world of VLSI Technology" on 13th February 2025. This session was graced by the presence of Ms. Rakhi K.R, former faculty member of SIMAT and currently the Frame Design Engineer, Infineon Technologies, Banglore. The event aimed to provide students with insights into Very Large Scale Integration (VLSI) technology, its applications, and career opportunities in this rapidly evolving field. The event commenced with a warm introduction and welcome address by Ms.Amritha Nandakumar, Student S4 FCF.

Following the welcome address, Ms.Rakhi K R, shared her journey from being a faculty at the institution to becoming a Senior Associate in the software field. She gave the real-life examples and practical advice on how to crack the current IT field from her 10 years of experience.

The event witnessed enthusiastic participation from students, faculties. Attendees appreciated the informative session, and the opportunity to interact with Guest. Feedback indicated a high level of interest in organizing similar programs in the future.

The program successfully enriched student's knowledge and skills in the VLSI domain ie, Key components in VLSI, Design types, and design flow, front-end & back- end, various tools used in VLSI etc. It provided them with valuable insights into industry trends, job opportunities, and the latest technological developments. The program concluded on a positive note, with a commitment to fostering continued learning in semicon-



ductor and VLSI technology.

The event concluded with a vote of thanks delivered by Dr.Vinod C, Head of the ECE Department. The collaboration between the ECE Department Association and the ISTE Chapter resulted in a highly successful and engaging event.

INSIGHTFUL AND ENGAGING SESSION

CLEMENTIA, the students' association of the Department of Computer Science and Engineering, SIMAT, organized an insightful and engaging session for the S6 CSE students.

The session occurred on Friday, January 17th, 2025, from 11:00 a.m. to 12:40 p.m.. As with all Clementia events, this session was entirely coordinated and executed by the students. Under the guidance of Mr. Anoop Aryan (Faculty Coordinator, Clementia), the students showcased their leadership and organizational capabilities. The class tutors, Ms. Anjana M M and Ms. Deepa Ramesh, also attended the event and provided

support and encouragement.

The meeting was attended by Hema P Menon (Head of R&D), Sreeshma K (HOD), Anoop Aryan (Clementia Coordinator), and students of S6 CSE. Selected students with an interest in research participated. The session was conducted by Vignesh Gokuldas Menon, who was introduced by Anoop Aryan and Hema P Menon. The class was conducted by Vignesh Gokuldas Menon, a Doctoral student in Marine Geology at the University of Gothenburg, Sweden. Vignesh Gokuldas Menon delivered an insightful session on the benefits of higher studies and the fields he was working on.



He elaborated on how students could enhance their projects by offering valuable suggestions for improvement. He also provided insights on utilizing research papers effectively to refine project methodologies and approaches.

The session was highly interactive, with students actively participating in discussions and seeking advice on reaserch and development. Vignesh Gokuldas Menon's expertise and engaging approach made the session enlightening and impactful.

Vignesh spoke about the project he was working on, sharing insights into its development and applications. He elaborated on the benefits of higher studies and the fields he was currently engaged in. Additionally, he provided valuable suggestions on how students could enhance their projects, offering strategies for improvement. He also provided more insights into effectively using research papers for project development, helping students refine their methodologies and approaches. The meeting concluded at 2:45 p. m.,



marking another successful event under Clementia's initiative, fostering student knowledge sharing and academic growth.

The event concluded with a vote of thanks delivered by the Clementia Faculty Coordinator, Mr. Anoop Aryan, who expressed his gratitude to Vignesh Gokuldas Menon for his invaluable contribution and to all who made the session successful.

EMERGING TRENDS IN STRUCTURAL ENGINEERING

The Department of Civil Engineering organized a technical talk on "Emerging trends in Structural Engineering" on 11/02/2025 through Google Meet. The session was led by Ms. Biji U I, Overseer PWD, Kerala Highway research institute. The session aimed to provide insights into the latest advancements in structural engineering and their applications in modern infrastructure development.

The session commenced at 7:00 p. m., with a welcome address by Ms. Anumol Sukumaran, Assistant Professor, who warmly greeted the participants and introduced the keynote speaker. She highlighted the importance of staying updated with technological advancements in structural engineering and how such webinars contribute to knowledge enhancement.

Ms. Biji U I commenced the session by providing an overview of Structural engineering. He emphasized the role of a structural engineer in ensuring the safety and stability of structures, sharing real-world examples from his experience at Invent Infrastructure. She discussed key areas of emerging technology, including the metaverse, robotics, digital twin technology, drones, smart infrastructure, and automation. The metaverse is shaping virtual interactions and digital economies, while robotics enhances efficiency across industries. Digital twin technology enables real-time simulations of physical systems for better decision-making. Drones are revolutionizing logistics, surveillance, and environmental monitoring. Smart infrastructure integrates technology for improved urban planning and sustainability. Automation streamlines processes, increasing productivity and reducing human intervention. Collectively, these advancements are driving innovation and transforming various sectors.

The speaker emphasized the diverse career opportunities available in the field of Government sector. The session concluded with an engaging Q&A session. The technical talk was both insightful and motivating, providing participants with a comprehensive understanding of structural engineering and its crucial role in tackling global challenges. Twenty-two students participated in the program.



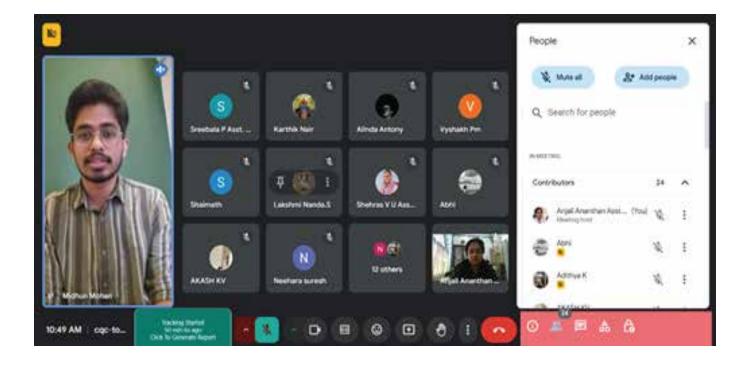
BREAKING BARRIERS: LIFE LESSONS AFTER COLLEGE

The ISTE SIMAT Chapter and Inspire ECE Department Association jointly organized a live session titled "Breaking Barriers: Life Lessons After College" on 16th February 2025, from 10:00 a. m to 11:00 a.m. The session featured Mr. Midhun Mohan(Senior Engineer at Acsia Technologies) and a proud alumnus of the 2017-2021 batch of the Electronics and Communication Engineering (ECE) Department of Sreepathy Institute of Management and Technology (SIMAT). The event was conducted through the Google Meet platform. The session commenced at 10:00 a. m with a warm welcome speech by Mrs. Anjali Ananthan, (Assistant Professor, ECE Department). Faculty members, including Ms. Sreebala P (Associate Professor, ECE Department) and Ms. Praseena K (Assistant Professor, ECE Department), felicitated the event and reminisced about their fond memories with Midhun's batch.

Mr. Midhun Mohan shared insightful experiences from his journey after graduation. He elaborated on the challenges he faced as a BTech graduate, his initial thoughts and expectations about the job market, key milestones and turning points in his career, job search struggles, and the essential skills required for career growth. His experiences provided valuable guidance to the attendees.

The session was highly interactive, with enthusiastic participation from ECE students. Karthik and Neehara (S8 ECE), Akash and Sreedurga (S6 ECE), and Abhishek (S4 ECE) engaged in discussions with Midhun, expressing their satisfaction and appreciation for the session.

The event concluded with a vote of thanks delivered by Dr. Vinod C (Head of the ECE Department), acknowledging Midhun Mohan for his time and valuable insights, as well as the organizing team for their efforts in making the session a success. The session proved to be highly beneficial for the students, providing them with motivation and practical knowledge to navigate their post-college journey successfully.



CSIR UGC NET CBT 2025

The examination was held in 5 sessions during 28th Feb, 01st and 02nd March 2025. The mock test was held on 27th Feb 2025.

The following staff members took responsibilities in connection with the conduct of the CBT led by Ms. Sreeshma K, Assoc. Prof. & HoD i/c CSE, acting as Venue Head. Mr. Siju C C, Mr. Gireesh V T, Mr. Jyothis Manu U (IT / Network Support), Mr. Jayan T V, Ms. Dhanya T N, Ms. Rajitha M R, Ms. Divayalakshmi P, Ms. Khadeeja Thasneem, Ms. Renjumol A, and Ms. Aarathy PS (Invigilators), Ms. Saritha T S, and Ms. Sunitha T (Administrative Support) and Mr. Anildas V K and Mr. Ramdas K V(Electrician)

A total of 610 candidates attended the tests out of 771 registered candidates. The examination was organised by NTA with NSEIT as the agency for the conduct of the Examination. Mr. Asraf Ali S, IT Supervisor NSEIT LTD acted as Centre Head and Mr. Sudheesh T V, Asst. Prof. S N College, Alathur acted as observer from National testing Agency.

There were difficulties in conducting the tests during initial sessions because of lack of proper technical support and standard operating procedure from NSEIT. However, the difficulties were solved with technical support from both the college and NSEIT. At the end, it was a great success mainly with coordinated efforts from the Sreepathy Team.

Remuneration to the staff members taken up duties will be distributed as and when it is received from the agencies. CCTV Camera, electronic Jammer and Bio metric verification were arranged through external vendors by NSEIT whereas registration and security check-up were arranged in the college. Security, cleaning and canteen staff also provided needed support. In all, it was a good experience for the staff members involved. The opportunity to conduct the CBT was good for the college as it gave wider publicity among a large number of candidates and their parents.



EXPLORING HIGHER EDUCATION ABROAD

Clementia, the Department Association of Computer Science and Engineering organized a program on higher study options abroad on January 9th, 2025, at 12 PM for aspiring students of S8. The session was

led by Mr. Karthik Menon, Treasurer and Partnerships

Manager at ESN Nijmegen.

The session started with a welcome address by Ms. Sreeshma K, HOD (in-charge), CSE followed by the introduction of the resource person by Ms. Anjana P (2021) Mr. Yadu P. Dev. Assistant Professor. CSE felicitated the event.

The session provided insights into selecting the right country and university, required exams, application processes, and financial aid. Mr. Karthik Menon highlighted key exams like IELTS, TOEFL, GRE, and GMAT and guided students on other procedures.

The program helped students understand the preparations needed for studying abroad and encouraged them to plan ahead. It was an informative session that benefited aspiring students.







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KMAT CBT - 2025

Kerala Management Aptitude Test for MBA (KMAT 2025) was conducted in Sreepathy Institute of Management and Technology (Venue No: 170) on 23-02-2025.

In prior, the mock test was conducted on 22-02-2025. Ms. Sreeshma K, Assoc. Prof. & HoD i/c CSE acted as

Venue Head and Mr. Rejaneesh R, Assoc. Prof. & HoD i/c EEE as Centre Coordinator. Mr. Gireesh V T as Network Specialist provided technical support and Mr. Anil Das V K served as Electrician.

Ms. Dhanya T N, Ms. Rajitha M R, Ms. Khadeeja Thasneem, Ms. Aarathy P S, (Lab Instructors CSE Dept.) and Mr. Jayan T V, Asst. Prof. AS&H served as the invigilators. Ms. Sunitha T, Office Assistant, served at registration desk.

Dr. Silpa Sangeeth L R, Assoc. Prof. Department of IT, GEC Sreekrishnapuram served as External Chief Suptd. and Ms. Vineetha Das M, Technical Assistant, CDIT served as software support Engineer.

A total of 88 candidates attended the test out of 100 registered. The successful conduct of the KMAT Exam 2025 reflected the meticulous planning and execution of the entire team. The collaborative efforts ensured a fair and smooth examination process.



EXPLORING THE OPPORTUNITIES ABROAD FOR MECHANI-CAL ENGINEERS

Association of Department Of Mechanical Engineering Students (ARMS) organized a Webinar on GLOBAL HORIZONS- exploring the opportunities abroad for mechanical engineers, on 20/02/2025, from 7:30 p.m. To 8:30 p.m., on the Google Meet platform. The session was handled by Alumnus of ME (2015-19), Mr. Nidhin

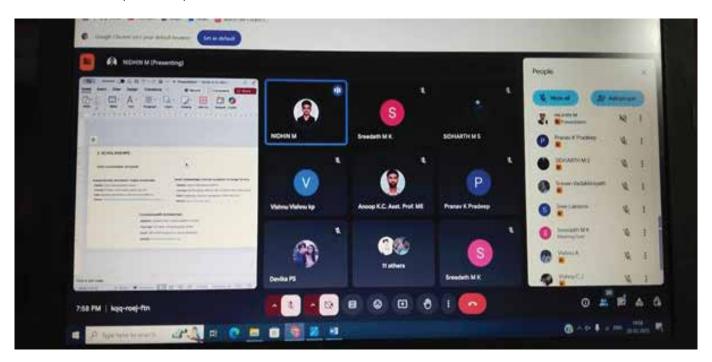
M., Airport Operations Supervisor, Qatar Airways, London. 22 students and 5 faculty members from the Mechanical Department attended the webinar.

The program started at 7:30 p.m. with a formal welcome speech and an introduction about the resource person by Mr. Sreedath MK, HOD i/c, ME Department. The Resource person structured his session starting from his personal introduction and his experiences in SIMAT followed by the carrier plans and opportunities ahead, why to go for abroad opportunities, pathways and the challenges might come across.

He gave an overview of the various career opportunities for mechanical engineers globally. Sectors such as aerospace, automotive, and manufacturing are highlighted as prime industries hiring mechanical engineers. Average salaries and career prospects in these countries are discussed to give the audience a sense of job potential abroad. Scholarships available for international students are also reviewed, including DAAD (Germany), Chevening (UK), and Fulbright (US).

He interacted with students and enquired about their future goals. Some students expressed their interest and directions to achieve those were given in brief by the Resource Person. The student feedback, at the end, revealed that the session was very interesting and helpful for them.

The session ended up with a wrap up and an official vote of thanks from Sreelakshmi PC, S6 ME. The session wound up at 8.30 p. m.



UNLOCK THE POWER OF SOFTWARE

The ECE Department Association, in collaboration with the Sreepathy ISTE Chapter, successfully organized a online session titled "Unlock the Power of Software" on 4th February 2025. This event was designed to inspire and educate students about the vast opportunities and challenges in the software industry. The session was graced by the presence of Mr. Anil Krishna A, an esteemed alumnus of the 2010-2014 batch, who currently holds the position of Senior Associate at Ernst & Young Global Limited (EY), based in Info Park, Cochin. His participation added significant value to the event, as he brought with him a wealth of experience





and insights from his professional journey.

The event began with a warm welcome address by Dr. Vinod C, the Head of the ECE Department. In his speech, Dr. Vinod emphasized the importance of staying updated with the latest technological advancements and the critical role software plays in shaping the future of industries worldwide. He encouraged students to embrace continuous learning and to develop a problem-solving mindset, which are essential traits for success in the ever-evolving IT sector. His words set the tone for the session, motivating students to actively engage with the speaker and absorb the knowledge being shared.

Following the welcome address, Mr. Anil Krishna A took the stage to share his inspiring journey from being a student at the institution to becoming a Senior Associate at EY, a globally renowned professional services firm. His talk was both informative and motivational, as he delved into the key areas that have shaped his career. He provided real-life examples from his 10 years of experience in the software field, offering practical advice on how to navigate the challenges and opportunities in the IT industry.

Mr. Anil Krishna A's presentation covered several critical aspects, including:

- 1. The importance of foundational knowledge in electronics and communication engineering and how it can be leveraged in the software domain.
- 2. The significance of adaptability in a rapidly changing technological landscape.
- 3. Strategies for cracking the IT job market, including tips on resume building, interview preparation, and skill development.
- 4. The role of networking and mentorship in career growth.
- 5. Real-world challenges faced in the software industry and how to overcome them.

His insights were particularly valuable as they were grounded in his personal experiences, making the session relatable and actionable for the students. He also highlighted the importance of soft skills, such as communication, teamwork, and time management, which are often overlooked but are crucial for professional success.

The event concluded with a vote of thanks delivered by Ms. Sreebala P, Associate Professor in the Department of ECE. She expressed gratitude to Mr. Anil Krishna A for his insightful talk and to all the participants for their active involvement. She also thanked the ECE Department Association and the Sreepathy ISTE Chapter for their collaborative efforts in organizing such a meaningful and impactful event.

Overall, the event was a resounding success, achieving its goal of motivating students to explore and excel in the software field. It also served to strengthen the bond between the alumni and the institution, showcasing the power of networking and the value of giving back to one's alma mater. The collaboration between the ECE Department Association and the ISTE Chapter was instrumental in creating an engaging and enriching experience for all attendees, leaving a lasting impression on the students and faculty alike.

S3 RESULTS - STUDENT APPRECIATION MEETING

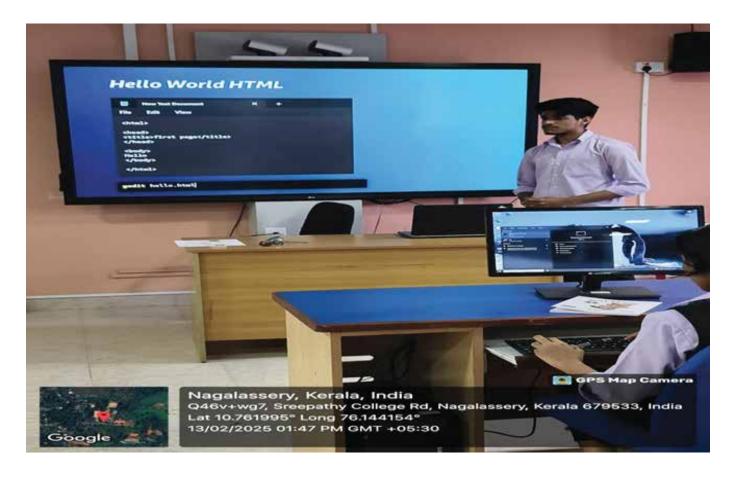
An appreciation meeting to congratulate the students for the remarkable improvement in their S3 university examination was held on 07/02/2025 at the Seminar hall. The overall result in S3 results is 59% as compared to the 38% results of S2 of the same batch.

Principal, Dr. S P Subramanian, welcomed all to the meeting and congratulated the students for showing remarkable improvement in results of S3 examinations. He emphasized on the need for consistent learning by the students.

Mr. Rejaneesh R, HoD i/c- EEE Department, and the boys hostel warden also congratulated the students. Two students, Ms. Vaishnavi, S4 CSE and Mr. Mohammed Shamil, S4 ME shared their experiences. The program came to an end with the college authorities distributing ice-cream as a token of appreciation.



HANDS-ON WORKSHOP IN WEB DEVELOPMENT



The Department of Computer Science and Engineering successfully organized a Hands-on Workshop on Web Development on February 13, 2025. The goal was to give students practical experience in both frontend and backend web development, helping them learn essential skills for creating modern websites.

Workshop Highlights

The session covered important topics in web development, including:

- Introduction to Web Development: An overview of frontend and backend development.
- Frontend Technologies: Basics of HTML, CSS, and JavaScript for designing interactive and responsive web pages.
- Backend Technologies: Introduction to server-side scripting using Node.js, Python, Java, PHP, and Ruby, along with databases like MySQL and MongoDB.
- Website Structure & Functionality: Understanding how the browser (client) interacts with the server in web applications.
- HTML Basics & Formatting: Explanation of HTML tags, attributes, forms, and text formatting.
- CSS Styling Techniques: Learning about selectors, properties, colors, fonts, borders, backgrounds, and positioning.
- Deployment: How to host a website online.

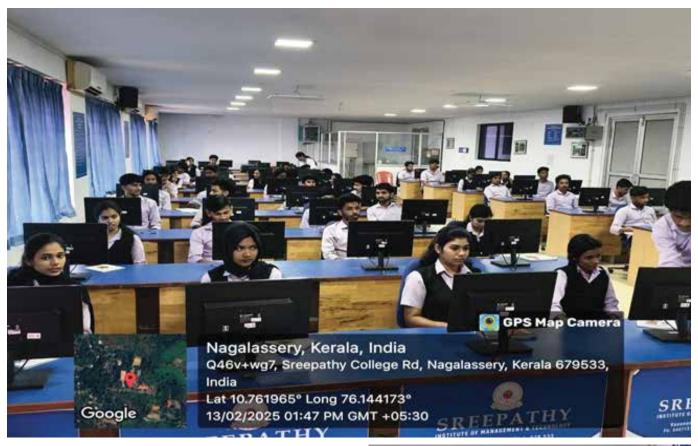
Participation and Engagement

- A live coding session allowed students to apply concepts in real-time.
- A Q&A session helped clear doubts and provided deeper insights into web development.

Effectiveness and Feedback

- The workshop received positive feedback from participants.
- Many students found the practical approach and interactive learning beneficial.
- There was a keen interest in follow-up workshops covering advanced backend development, frameworks, and real-world project implementation.

The Hands-on Workshop in Web Development was a valuable learning experience for students. The interactive sessions made it easier to understand key concepts and apply them practically.







PAPER PRESENTATIONS / PUBLICATIONS

Period: September 2024 to February 2025

- 1. Salman Faris AV, Ajay Krishna, Mohammed Badusha, Vipin, Yadu P Dev, "Emergency Response Network Using Motion Sensors & Adaptive Location-Based Power Management", International Joint Colloquiums on Computer Electronics Electrical Mechanical and Civil CEMC 2024, Mumbai, Oct 22 -23.
- 2. Sanjay S Menon, Vishnu Narayanan, Abhay P, Muhammed Rashid, Hema P Menon, Davidson Devasia, "EEG Signal Classification Using Unsupervised and Supervised Machine Learning Algorithm", International Joint Colloquiums on Computer Electronics Electrical Mechanical and Civil CEMC 2024, Mumbai, Oct 22 -23.
- 3. Nikhil Raj, Parth Krishnan B Menon, Sidharth P, Anand Venugopalan, Sreeshma K, V K Vadkeppattu, "Time Horizon Stock Market Price Prediction", International Joint Colloquiums on Computer Electronics Electrical Mechanical and Civil CEMC 2024, Mumbai, Oct 22 -23.
- 4. Akhila T J, Anagha A, Nithin C, Arun M P, Hema P Menon, Deepa M, "Vaccino Child Vaccination Management App", Eighth International Conference on Artificial Intelligence and Soft Computing AISC 2024, Kochi, Nov 25-26.
- 5. Sanjay S Menon, Jishnu Vijayan, Deepa M, Hema P Menon, "EEG Signal Analysis Based Detection and Prediction of Epileptic Seizures; A Review", Eighth International Conference on Information Technology in Signal and Image Processing, itSIP 2024, Kochi, Nov 25-26.
- 6. Hema P Menon, Gokuladas VK, "Impact of Work-Life Balance on Women's Well-Being and Career Progression Challenges", 1st International and 3rd National Çukurova Women's Studies Congress, Çukurova University, Adana, Turkey, Nov 20–21, 2024.
- 7. Hema P Menon, Gokuladas VK, Karthik G Menon, "The Role of Peer Support in Adolescent Mental Health", 6th International World Health Congress, Bayburt, Turkiye Nov 22-23,2024.
- 8. M Jithin Vas, Jishnu Vijayan, Sayand K K, Vidhya K, Hema P Menon, Davidson Devasia, "Exploring Electromyography(EMG) Signals For Prosthetic Control: A Comprehensive Survey", Second International Conference on Recent Trends in Communication Engineering and Network Technologies-CENT 2024, Mumbai, Dec 10-11,2024.
- 9. Sayand K K, Jishnu Vijayan, M Jithin Vas, Vidhya K, Hema P Menon, Davidson Devasia, "EMG Signal Analysis and Real-Time Muscle Activation Classification Using Random Forest", Second International Conference on Recent Trends in Communication Engineering and Network Technologies-CENT 2024, Mumbai, Dec 10-11,2024.
- 10.Hema P Menon, Ramkumar PN, "The Role of Ethical Guidelines in Preventing Research Misconduct in Academia", 5th International Ethics Congress held online and in-person, Adana, Turkiye, Dec 16-18, 2024.
- 11. Sreeshma K, Rajasekhar V, Hema P Menon, "A Review on Advancements in Contrast Enhancement of Dental X-ray Images", Fifteenth International Joint Conference on Advances in Engineering and Technology, AET 2024, Delhi, Dec 30, 2024.
- 12.Akhil V, Hareesh R, Yesudas P Y, Anand Venugopalan, Meera K, Hema P Menon, "Blockchain-Based Identity Generator and Authenticator" at the 3rd IEEE International Conference on Intelligent and Innovative Technologies in Computing, Electrical, and Electronics, organized by the Department of EEE and ECE, BNMIT, Bengaluru, Jan 16–17, 2025.
- 13.Abhinand Satheesh, Naveen, Nikhil A P, VishnuRaj K R, Nikhil Raj, Hema P Menon," Architectural Visualization using Augmented Reality" at the 3rd IEEE International Conference on Intelligent and Innovative Technologies in Computing, Electrical, and Electronics, organized by the Department of EEE and ECE, BNMIT, Bengaluru, Jan 16–17, 2025.
- 14.Abhinand I V, Ajal Krishna K, Ajay Krishna, Jayadev J, Reji Rahmath K, Divya T, "A Comprehensive Review of Fake News Detection Techniques: From Machine Learning to Transformers", 3rd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), Bengaluru, Feb 5-7, 2025.

STUDENT ACHIEVEMENTS

- Sreelakshmi T S of S4 AD became college topper with an aggregate SGPA of 9.9 in S4 KTU university examination.
- Adithya Siva of S4 AD got 2nd prize in Diode Rush Game conducted by ECE department as a part of college Tech Fest KALAASH 2025.
- Aravind A K got selected as Finance lead of IEDC SIMAT EXECOM-25.
- Sreevals R got selected as Community lead IEDC SIMAT EXECOM-25.
- Anjali Balakrishnan completed a course on Introduction to Front End Development in COURSERA on 18/02/2025.
- 4 students participated in TinkHerHack 3.0 Hackathon conducted by IEDC in college level on 8th and
- Vyshnav V of S4 AD, Completed Course pathway of L&T EduTech on 20/02/2025.
- Students of S2 A2 CSE Parameswaran O S & Sreehari R Nair (S2 A2 CSE) won second prize in POSTER MAKING COMPETITION.
- Students of S2 A2 CSE Pavithra Unni K & Saramgi S won third prize in POSTER MAKING COMPETITION.
- Students of S2 A2 CSE Mohammed Rabeeh Puthiya Madathingal & Ridhwan Mohammed Saleem won third prize in POSTER MAKING COMPETITION.
- Namitha M , Arshida Asharaf , Shamna sherin of S2 A3 AI & DS, won first prize in Tinker Hub competition conducted by IEDC,IIC and IEEE on 8/2/25.
- Hridhya T B, Haritha K V of S2 A1 CSE, won third prize in Tinker Hub competition.
- Namitha M of S2 A2 CSE got fourth prize in paper presentation in association with TECH FEST.
- Krishnaveni V K, an S8 CSE student, has been placed in Infosys as a System Engineer.
- Salman Faris, Jishnu Vijayan, Vidhya K, Anand Venugopalan, and Sayand, S8 CSE students have won the 'Beyond Experience' category award at the Tech Pulse Hackathon, held at UL CyberPark, Kozhikode, organized by ULTS and ULCSS.
- Anjaly P V, an S6 CSE student, has been selected as the Palakkad District Coordinator for the Student Leadership Team 2025, IEEE Kerala Section.
- Mr. Nived P, an S4 CSE student, handled a hands-on workshop in web development for S4 CSE students on 10th February and 13th February 2025.
- Adithyan K K, an S8 CSE student, has completed the course pathway titled Android Application Development in L&T EduTech.
- Vaishnav T, an S6 CSE student, has completed the course pathway titled Python Data Analytics in L&T EduTech.
- Ananya P, an S6 CSE student, has completed the course pathway titled Python Programming and Web Development in L&T EduTech.
- Abhinand I V, News Detection Techniques: From Machine Learning to Transformers' at the 3rd International Conference on Intelligent Data Communication Technologies and the Internet.
- Ms.Karthika T P, Ms Nandana T A ,Ms Vismaya C P and Ms Shinfa C were shortlisted for Level 2 of ASAP DREAMVESTOREVENT 2.
- Mr. Sanjay T R, Ms Nayana K J and Ms. Nasreena Thansi have successfully completed their final semester (2-months) Industrial training session.
- All the students of S6 ECE attended Soft Skill Grooming Session by Dr.Gokul Das V.K on 3rd February 2025.
- Almost all the students ECE department participated in Online webinar "Unlock the Power of Software" organized by the ECE Department Association - Inspire, in collaboration with the Sreepathy ISTE Chapter on February 4th, 2025.
- Arjun Raj A (S6 ECE) actively involved in the the programme "Tink -Her -Hack 3.0" conducted by IEDC, IIC & IEEE Wie SIMAT on 8th and 9th February 2025.
- Almost all the students ECE department participated in an Industrial visit to Keltron Kuttipuram, organized by the ECE Department Association Inspire, coordinated by Ms.Praseena K (Assistant Professor,ECE Department) on 10th February 2025.

STUDENT ACHIEVEMENTS

- Almost all the students ECE department participated in an Online webinar "Discover the world of VLSI Technology"organized by the ECE Department Association - Inspire, in collaboration with the Sreepathy ISTE Chapter on February 13th, 2025 coordinated by Ms.Sreebala P (Associate Professor, ECE Department).
- Almost all the students ECE department participated in an online webinar on "Breaking Barriers: Life Lessons After College" organized by the ECE Department Association Inspire, in collaboration with the Sreepathy ISTE Chapter on 16th February 2025 coordinated by Ms. Anjali Ananthan (Assistant Professor, ECE Department).
- Surya K.S Of S6 ECE completed Course Path way titled 'Deep Learning Essentials' under L&T EduTech which covers 6 Courses and 35 learning hours on 12th February 2025.
- Aswin P.V Of S6 ECE completed Course Path way titled 'Cyber Physical System Engineering' under L&T EduTech which covers 12 Courses and 30 learning hours on 18th February 2025.
- Sreekanth K of S6 ECE actively participated in the maintenance work of Rain Guage Monitoring Installed by ICFOSS at Thrithala on 17th February 2025.
- Abijith S Of S6 ECE completed Course Path way titled 'Cyber Physical System Engineering' under L&T EduTech which covers 12 Courses and 30 learning hours on 19th February 2025.
- Adithya K Of S6 ECE completed Course Path way titled 'Cyber Physical System Engineering' under L&T EduTech which covers 12 Courses and 30 learning hours on 19th February 2025.
- Aswin P.V Of S6 ECE completed Course Path way titled 'VLSI Design Engineering' under L&T EduTech which covers 14 Courses and 50 learning hours on 19th February 2025.
- Nimmi U Of S6 ECE completed Course Path way titled 'Cyber Physical System Engineering' under L&T EduTech which covers 12 Courses and 30 learning hours on 19th February 2025.
- Nimmi U Of S6 ECE completed Course Path way titled 'VLSI Design Engineering' under L&T EduTech which covers 14 Courses and 50 learning hours on 19th February 2025.
- Ms.Gouri M.N of S8 ECE got placed in Infosys as System Engineer on 22nd February 2025.
- Mr.Goutham Krishna M.J and Mr.Vyshakh P.M (S4 ECE) secured first prize in Poster Contest conducted to observe Science Club SIMAT on 21st February 2025.
- Arjun Raj A ,Sreedurga C.K (S6 ECE) & Amritha Nandakumar(S4 ECE) was selected as Execom -25 members of IEDC SIMAT.
- Gokul C.H of S8 ECE got internship opportunity at Resitech Electricals
- Karthik of S8 ECE got internship opportunity at SMEC
- Students of ECE Department actively participated in Games and Kalaash 25' conducted from 18th to 25th February 2025.
- Almost all the students of ECE Department earned badges in L&T courses.
- Harsha S4 EEE secured 2nd prize in Tink-Her-Hack 3.0, an 18-hour hackathon exclusively for girl students, held on February 8 and 9, 2025, organized by IEDC, IIC, and IEEE WIE SIMAT.
- Nandakishor K V S6 EEE and Krishnanjali S4 EEE volunteered for Tink-Her-Hack 3.0, an 18-hour hackathon exclusively for girl students, held on February 8 and 9, 2025, organized by IEDC, IIC, and IEEE WIE SIMAT.
- NSS volunteers actively participated in the Blood Donation Camp held on February 11, 2025.
- Krishnanjali S4 EEE completed the course pathway "Microsoft 365 and Endpoint Administration" under the Windows Server Administrator/IT Support Specialist career pathway. https://drive.google.com/drive/folders/1dbr1A3kEy0FV45Y7teYOuE5D_SrIRUT7?usp=drive_link
- Krishnanjali S4 EEE completed the course pathway "Windows Server 2016 Administration" under the Windows Server Administrator/IT Support Specialist career pathway. https://drive.google.com/drive/folders/1dbr1A3kEy0FV45Y7teY0uE5D_SrIRUT7?usp=drive_link
- Nandakishor S6EEE and Aflah N S6EEE participated in PRAGYA 5.0 organised by IEEE SB SIMAT on 15/02/2025.

STUDENT ACHIEVEMENTS

- Aflah N participated in ICFOSS open IOT student ambassador monthly routine maintenance at government college, Thrithala on 17/02/2025.
- The third-year students won the football tournament conducted in association with KALAASH 2K25, the Techno Cultural Festival.
- The third-year students won the cricket tournament conducted in association with KALAASH 2K25, the Techno Cultural Festival.
- The third-year students won the volleyball tournament conducted in association with KALAASH 2K25, the Techno Cultural Festival.
- Akshay Venu, Sreehari K V Nihal and Ansham of S6 EEE secured second position in Table tennis conducted in association with KALAASH 2K25, the Techno Cultural Festival.
- Aflah N S6 EEE student coordinator for Project Expo conducted on KALAASH 2K25, the Techno Cultural Festival in association with IEDC.
- Amal S6 EEE student coordinator for Pro Show conducted on second day of KALAASH 2K25, the Techno Cultural Festival.
- Nandakishor S6 EEE won first prize in the Technical Quiz conducted by the ECE Department in association with KALAASH 2K25, the Techno Cultural Festival.
- Aflah N S6 EEE has been selected as the Operations Lead of IEDC SIMAT Execom 25.
- All S8 mechanical students attended a scholarship exam- MechPrize, conducted by NACTET on 12/02/2025 and Athul VR of S8 ME won the first prize. First prize includes 100% scholarship for enrolling a 3 months addon course in Mechanical engineering field provided by Armstech Engineers, Kochi.

STAFF ACHIEVEMENTS

- Mr. Hithes P along with other staffs of AS&H Department conducted a webinar on "Role of AI in enhancing Technology" on 12/2/25.
- Mr. Hithes P along with other staffs of AS&H Department coordinated the conduct of "POSTER MAKING COMPETITION" regarding Science day o 21/02/25.
- Dr.Sagar M Narayanan with the help of other faculties conducted TECH FEST on 24th and 25th of February 2025.
- Ms.Soumya P (Assist. Prof. Eng) has completed two courses from L & T EduTech Windows Server 2018 Administration and Microsoft 365 and Endpoint Administration.
- Ms. Sreeja P, HOD i/c, Department of AD, ASAP coordinator, Sreepathy, took initiative to make students of s6 and s8 to participate in Dreamvestor2.0 event. 3 teams from s6 ECE and 1 team from S6 CE got short listed to next level.
- Ms. Aiswarya S M, AP, Dept. of AD presented a paper in International Conference on Emerging Technologies for Intelligent Systems 2025during 7th and 8th February at Mar Baselios College of Engineering, Trivandrum.
- Sribi M.P., AP, Dept. of AD coordinated the event "Kalaripayattu" as part of KALAASH'25 on 25/02/2025.
- Dr. Hema P. Menon participate as a reviewer at the 1st IEEE International Conference on Materials, Robotics, and Automation, Computer and Control (ICMRACC 2025), to be held on March 14-15, 2025, at Vimal Jyothi Engineering College, Kannur.
- Dr. Hema P. Menon attended the online launching ceremony of the ATAL Offline Faculty Development Programme 2025-26 on 19th February 2025.
- Mrs. Sreeshma K acted as the Nodal Coordinator for the Online Idea Pitching Session scheduled on February 18 and 19, 2025, organized by the Ministry of Education's Innovation Cell, AICTE.

STAFF ACHIEVEMENTS

- Mr. Yadu P. Dev participated as a reviewer in the 6th International Conference on Innovative Trends in Information Technology (ICITIIT 2025), organized by the Department of Computer Science and Engineering, Indian Institute of Information Technology, Kottayam, Kerala, during 21-22 February 2025.
- Mrs. Reji Rehmath K, Ms. Athira K P., and Ms. Anjana M M, served as panel members for the paper presentation event at the college Techfest KALAASH 2025.
- Mrs. Deepa M, coordinated the technical events at the college Techfest KALAASH 2025.
- Mrs. Athira K A acted as the Faculty Coordinator for the Online Idea Pitching Session scheduled on February 18 and 19, 2025, organized by the Ministry of Education's Innovation Cell, AICTE.
- Mr. Sreekanth E M, was elected as nodal officer of IEDC SIMAT EXECOM-25
- Mr.Sreekanth E M and Ms.Roshini T Mohan have completed their Zeroth Doctoral Committee meeting.
- Ms.Roshini T Mohan, Ms.Anumol Sukumaran, Ms.Nidhu S S have registered in 8 weeks NPTEL courses.
- Ms. DurgaLakshmi K M Assistant Professor, CE department -judge for the Poster making and Autocad competition conducted on KALAASH 2K25, the Techno Cultural Festival.
- Ms. Anumol Sukumaran Assistant Professor, CE department -judge for the Ethnic show conducted on KALAASH 2K25, the Techno Cultural Festival.
- Dr. Rahul T S, was the overall coordinator for the Game events in KALAASH 2k25
- Ms.Roshini T Mohan, Ms.Anumol Sukumaran and Ms DurgaLakshmi K M have actively participated in Techno Cultural activities of KALAASH 2K25.
- Ms.Archana P Assistant Professor and Ms. Niya Kochumon Assistant Professor, attended Three days' FDP on "Intellectual Property Rights" held on 17 -21 February 2025 organized by Amal Jyothi College of Engineering.
- Ms. Archana P Assistant Professor completed the course pathway "Microsoft 365 and Endpoint Administration" under the Windows Server Administrator/IT Support Specialist career pathway.
- Ms. Archana P Assistant Professor completed the course pathway "Windows Server 2016 Administration" under the Windows Server Administrator/IT Support Specialist career pathway.
- Mr. Rejaneesh Associate Professor, EEE department -judge for the Project Expo conducted on KALAASH 2K25, the Techno Cultural Festival in association with IEDC.
- Mr. Rejaneesh Associate Professor, EEE department- staff coordinator for PRO SHOW DAY 1- NAVADHA-RA BAND in association with KALAASH 2K25, the Techno Cultural Festival.
- Ms. Anjali Sasikumar Assistant Professor EEE department- Staff coordinator for Cultural events and Ethnic show conducted on the second day of KALAASH 2K25, the Techno Cultural Festival.
- Mr. Rejaneesh Associate Professor, EEE department- staff coordinator for KMAT exam conducted on 23/02/2025.
- Mr. Sarath S, was the overall coordinator for the techno cultural event KALAASH 2k25, held on 24th and 25th of February 2025. All other staff members actively involved in various events organized as the part of KALAASH 2k25.

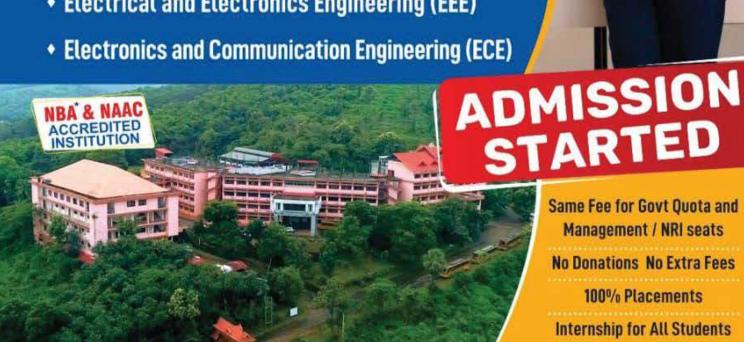


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