



FISAT®
**FEDERAL INSTITUTE OF
SCIENCE AND TECHNOLOGY**
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FISATian HERALD

VOL 14 | JAN - MAR 2026



VISION OF THE INSTITUTE:

To evolve into a world-class professional institute committed to excellence in education, fostering holistic development, and empowering socially responsible global technocrats to drive sustainable growth through leadership in industry, innovation, research, and community engagement.



MISSION OF THE INSTITUTE:

- 1 To deliver high-quality professional education that promotes academic excellence, fosters the right attitude, cultivates essential skills, and encourages innovation and global competence through an industry-aligned curriculum and advanced research.
- 2 To nurture socially responsible technocrats, impactful leaders, and accomplished management professionals, by promoting holistic growth, upholding ethical values, and championing sustainable practices for the advancement of both industry and society.



Academic
Excellence



Innovation
& Research



Ethics &
Leadership



Sustainability
& Community

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FISAT 'BHARATHAM 2026' INTER-COLLEGIATE CULTURAL FEST OFF TO A GRAND START

Bharatham 2026, the flagship inter-collegiate cultural festival of the Federal Institute of Science and Technology (FISAT), Angamaly, commenced with vibrant enthusiasm. The event was inaugurated by Chairman P.R. Shimith, who lit the ceremonial lamp, while Principal Dr. Jacob Thomas presided over the function. Drawing participation from over 500 performers representing more than 100 colleges across Kerala, the festival celebrates youth talent and cultural diversity.

In the opening competitions, St. Teresa's College, Ernakulam secured first place in the Theme Presentation category, followed by Mar Athanasius College of Engineering (MACE), Kothamangalam. Prithvi Dev of St. Thomas College, Thrissur won Best Male Performer, while M. Abhirami of Sacred Heart College, Thevara earned the title Voice of Bharatham.

The fest features events such as classical dance, mime, stand-up comedy, and music, with highlights including Battle of the Bands. Winners will share prizes worth ₹3 lakh.



FISAT Chairman P.R. Shimith inaugurates the inter-collegiate cultural fest 'Bharatham' at FISAT Engineering College, Angamaly. Also present: Abin Thomas, Shruti Suresh, Dr. Elizabeth George, Dr. P.R. Mini, K. Jayasree, M.P. Abdul Nazar, S. Sathyamurthy, Dr. Jacob Thomas, K.R. Sreekanth, Dr. G. Unnikartha, Ajin Mathew, Shruti Sreeni, and Gregory Jojo Chirayil.

UNION MINISTER SURESH GOPI INAUGURATES INTERNATIONAL LABS AT FISAT

EMPHASISES YOUTH EMPOWERMENT THROUGH SKILL DEVELOPMENT

Six advanced international laboratories were inaugurated at FISAT Engineering College, Angamaly, highlighting a strong push toward youth empowerment through skill development. The ceremony, held at FISAT Greenfield Stadium, was inaugurated by Union Minister of State Suresh Gopi, with MLA Roji M. John presiding. The Minister stressed that a fearless and skilled youth population is vital for the nation's future, praising FISAT's role in nurturing talent.

The initiative, led by the National Skill Development Corporation in collaboration with Ethnotech Academy and FISAT, introduces world-class labs from leading global technology firms. A Memorandum of Understanding was signed among the partners to strengthen the program.

Built at a cost of ₹7 crore, the labs offer advanced training and international certification programs accessible to students and the wider public. Around 3,500 learners have already benefited. The event also featured a hackathon prize distribution and the release of institutional publications.



Union Minister of State for Tourism, Petroleum, and Natural Gas, Suresh Gopi, inaugurates the international labs led by the National Skill Development Corporation at FISAT Engineering College, Angamaly. Also present: Dr. Sumanlal, Dr. Mini P.R., Deepa Mathews, Elias K. Tharyan, Sreekanth J.R., Jenib J. Kachappilly, Sheikh Mamood, Iqbal Manoj, P.R. Shimith, Dr Pratapsinh Desai, Sachin Jacob Paul, Dr. Kiran Rajanna, Jaya Radhakrishnan, M.P. Abdul Nazar, Dr. Jacob Thomas, Jayashree K., Ajithkumar K.K., Jojo K.J., Satyamurthy S., and Dr. G. Unnikartha.

FISTAA Alumni Day 2025

FISTAA Alumni Day 2025 was successfully organized by the FISAT Alumni Association (FISTAA) on 20 December 2025, bringing together a vibrant gathering of alumni, faculty members, and students for a day of reconnecting and professional engagement, with enthusiastic participation from all departments. Around 200 alumni, along with their families, attended the event and actively engaged in networking sessions while sharing their professional experiences. As part of the General Body Meeting, elections for department representatives were conducted. Mr. Joel Bobby (CSE 2023 pass out) was elected as the Secretary and Mr. Jithu Ram (EEE 2016 pass out) as the Vice President of FISTAA. The other elected department representatives include Mr. Timil Titus (ECE 2006 pass out), Ms. Anjali (CE 2020 pass out), Ms. Neenu (EIE 2014 pass out), Mr. Arjun P S (ME 2024 pass out), Mr. Mishal (MBA 2013 pass out), and Mr. Praveen (MCA 2012 pass out).



Science Safari – A Day of Innovation and Exploration

The Science Safari program at the FISAT AICTE IDEA Lab provided an engaging learning experience for students from Vidyodaya Public School, Thevakkal, and Ideal Public School, Aluva. The initiative aimed to spark curiosity and promote scientific thinking among young learners.

Students explored advanced prototyping tools, digital fabrication equipment, and innovative projects through guided tours, live demonstrations, and interactive sessions. The program emphasized hands-on, experiential learning, encouraging students to observe, ask questions, and actively engage with technology.

Overall, the Science Safari inspired students to explore innovation and develop a keen interest in science and technology.



I2P@IDEA Lab – From Idea to Product

The Electronics and Communication Engineering Department launched I2P@IDEA Lab (Idea to Product), a hands-on initiative for second-year EC students to bridge theory with real-world product development. Students work in teams of six under a structured mentoring system involving faculty, student leaders, IDEA Lab Ambassadors, and final-year support, promoting collaboration and leadership.

Around 30 projects in automation, IoT, smart systems, and energy solutions are currently in progress. The initiative provides practical exposure to circuit design, PCB development, embedded systems, and IoT integration. Overall, I2P fosters innovation, enhances technical skills, and builds confidence in developing real-world engineering solutions.



FISAT AICTE IDEALAB Inauguration

FISAT AICTE IDEA Lab was formally inaugurated on 10th March 2026 by Dr. Ciza Thomas, Honourable Vice Chancellor of APJ Abdul Kalam Technological University, and Dr. Neeraj Saxena, Pro-Chancellor of JIS University.



Codex

Codex, the 48-hour hackathon held on 27th February 2026 - 1st March 2026 as part of TANTRA, brought together innovators to develop impactful solutions from the ground up. Participants collaborated, brainstormed, and coded continuously to transform ideas into working prototypes. The event tested creativity, endurance, and technical skills in an intense and competitive environment.



Spinx

Spinx, conducted on February 28 as part of TANTRA, was a hands-on drone workshop, guiding participants through UAV development from assembly to flight. Participants built and tested their own drones while learning key flight principles under expert supervision. The workshop enhanced practical skills and provided an exciting experience in drone technology and innovation.



Adding to the vibrancy of the event, Mehfil Night, a musical extravaganza by renowned playback singer and FISAT alumnus Mr. Sachin Warriar, was one of the major attractions of the fest.



Chipcraft

CHIPCRAFT, conducted on February 27 as part of TANTRA, was a hands-on VLSI design workshop covering the complete circuit design flow. Participants gained practical experience in designing integrated circuits using industry-relevant tools and techniques. The workshop bridged the gap between theory and practice, enhancing understanding of modern electronic systems.



Technical Talk - Engineering membranes for Energy - water sustainability

The Department of Science and Humanities, in association with the ISTE FISAT Chapter, organized a Technical Talk on "Engineering Membranes for Energy-Water Sustainability" on 05th March 2026 at the Library Seminar Hall. The technical talk was delivered by Dr. Jorphin Joseph, Assistant Professor, Department of Science and Humanities. During the session, he explained various types of membranes and highlighted their importance in engineering applications. The session was attended by 65 students from S2 ME A along with faculty members from the Department of Science and Humanities.



Industrial Visit to instrumentation lab, Ernakulam

To bridge the gap between academia and industry, 35 S6 EIE students, along with Mechanical Engineering students pursuing a minor in Instrumentation, visited the Instrumentation Laboratory at Government ITI, Kalamassery, in two batches on 14 and 21 March 2026. The visit provided hands-on exposure to pressure and temperature measurement systems, smart transmitters, PLC, DCS, and process control systems, guided by faculty members Ms. Honey Devassy and Ms. Sheffy Thomas.



NCC Cadets Inspired by Interactive Session with Army Officer Rank Holder

An interactive session for NCC cadets was conducted at FISAT on 4th March from 4:30 pm to 6:00 pm. The session was led by Ms. Elizabeth Mohan, the first rank holder of NCC Special Entry for the Officer post in the Indian Army in 2026. She shared her journey, challenges, and insights on leadership and discipline with the cadets. The session provided valuable guidance on career opportunities through NCC and armed forces pathways. Cadets actively participated in the interaction, making the session engaging and informative. The program concluded with a note of appreciation, recognizing her achievement and contribution to motivating young cadets.



Blood Donation Camp Organized by NCC Unit, FISAT

The National Cadet Corps (NCC) Unit of Federal Institute of Science and Technology organized a Blood Donation Camp on 28th January 2026 at the campus in association with IMA Blood Bank Aluva.

The camp aimed to promote social responsibility and humanitarian values among students and staff. NCC cadets actively coordinated the event, ensuring smooth registration and donor support.



Republic Day Celebration 2026

Republic Day was celebrated with great enthusiasm at FISAT on 26th January 2026 under the auspices of the FISAT NCC Unit. The programme commenced with the arrival of the Principal, followed by the hoisting of the National Flag and the singing of the National Anthem. The significance of the day was highlighted, along with the achievements of the NCC Unit in fostering discipline, leadership, and social responsibility. The Principal delivered an inspiring address motivating students to uphold national values. The celebration concluded with sweet distribution, a photo session, and a strong sense of patriotism among all participants.



FISAT NCC Cadets Shine at Angamaly Marathon

Angamaly, January 11, 2026: NCC cadets of the Federal Institute of Science and Technology (FISAT) actively participated in the Angamaly Marathon organized by the Angamaly Municipality to promote fitness and healthy living. The cadets contributed as both runners and volunteers, efficiently managing routes, guiding participants, distributing water, and ensuring the smooth conduct of the event. Dressed in FISAT tracksuits, they proudly represented their institution. Their involvement reflected the NCC motto "Unity and Discipline" and earned appreciation from organizers and the public. The event also raised awareness on physical fitness, mental well-being, and encouraged cadets to engage in community service.



FDP on Teaching–Learning Practices at IIT Madras

Dr. Anoop K N, Assistant Professor, Dept. of CE and Mr. Febin Raju, Assistant Professor, Dept. of EEE participated in the PALS Faculty Development Program (FDP) held on March 6th and 7th, 2026, organized by the Teaching Learning Centre (TLC), IIT Madras. The program focused on improving teaching learning methodologies and academic practices. The FDP provided valuable exposure to innovative approaches in engineering education.



Achievement at PALS Think2Impact Challenge

Team Brain Wheels secured Second Prize with a cash award of Rs.4,000/- at PALS Think2Impact competition under Core Problem - B, Smart Wheel chair, held at Jyothi Engineering College on March 18, 2026. The team members included Abinav Bino, Amal Babu, and Asif Mubeen (Electrical Engineering) along with Marmith B R (Mechanical Engineering) under the mentorship of Dr. Surya Susan Alex.



SmartRob Secures Second Prize at IIT Madras

A team from S8 EEE secured the second prize along with a cash award of Rs.20,000 for their project “SmartRob” in the core engineering category at the PALS InnoWAH! finals held at IIT Madras on March 28, 2026. The winning team includes Aiswarya Sudheer, Anna Martin, Riya Biju, and Sebin Poullose (S8 EEE, 2022 - 2026). Their project impressed the judges with its practical relevance. The team was mentored by Dr. Parvathy R (Professor, EEE). Special acknowledgements to Mr. Saju Kuriakose (CARPC, Dept. of EEE) and Mr. Jithin Joseph (IDEALab FISAT).



College Union Elections

The College Union Elections for the academic year 2025–26 were successfully conducted at the Federal Institute of Science and Technology (FISAT). Following a fair and democratic process, the newly elected Executive Committee members were announced.

Mr. Basil P Joby was elected as Chairperson, with Ms. Amina Farhath N A as Vice Chairperson and Ms. Aaliya M A as General Secretary. Ms. Avanthika Chandrasekharan assumed the role of Magazine Editor, while Ms. Ayisha Mol N was elected Arts Club Secretary.

The committee also includes councilors, women representatives, and UG and PG representatives from various departments. The newly elected team is expected to actively contribute to student development and campus initiatives.



Oath Taking Ceremony of Students' Council 2025–26

The Oath Taking Ceremony of the Students' Council Executive Committee for 2025–26 was held on 4th March 2026 at FISAT. The programme began with a silent prayer, followed by a welcome address by Mr. Anoop E G and the introduction of members by Dr. Ayswarya E P. Principal Dr. Jacob Thomas V presided over the ceremony and administered the oath. Felicitations were offered by Dr. Mini P R and Dr. Unni Kartha G in the presence of other dignitaries. The event concluded with a vote of thanks by Chairman Basil P Joby, marking a promising beginning.



Holi Celebration

The FISAT Students Council successfully organized a vibrant Holi celebration at the Green Field on March 6, 2026. From 4:00 PM to 5:00 PM, the campus was filled with a lively and cheerful atmosphere as students gathered to celebrate the festival of colors. Participants actively shared laughter and festive spirits, fostering a strong sense of unity and cultural harmony within the community. This memorable event provided a perfect opportunity for friends and classmates to relax and interact through traditional festivities. Overall, the program was highly appreciated by all attendees for its joyful energy and seamless organization.



SHRESHTA 2026: Celebrating Student Excellence

SHRESHTA 2026 was held on 24th March 2026 at the Main Seminar Hall, FISAT, to honor nearly 100 students who excelled in external technical competitions during 2025–2026. Organized by the FISAT Students' Council, the event was graced by chief guests Mr. Benny Chinnappan ITS, Mr. Thomas Varghese ITS, and Mr. Stalwartshine S ITS, along with key institutional dignitaries. Winners were felicitated with FISAT Winner T-shirts in recognition of their achievements. The ceremony highlighted the institution's commitment to excellence, innovation, and student success, inspiring others to strive for higher accomplishments.



Representation in University Republic Day Parade

On January 26, 2026 The University Republic Day Parade 2026 was conducted at the APJ Abdul Kalam Technological University Headquarters, Thiruvananthapuram, by the NSS Cell of APJ AKTU.

Nandana P S, S6 CE 2023-2027 represented the institution at this prestigious event and was awarded a certificate of appreciation by Dr. Ciza Thomas, the respected Vice Chancellor of APJAKTU.



MoU for Add-on Course

Civil Engineering Department has taken yet another meaningful step towards strengthening industry-oriented learning by signing a Memorandum of Understanding (MoU) with Karthas Academy and Kochuthommen Associates on 21st January 2026 for offering an Add-on Course on "Diploma in Interior Design" to our students. The MoU aims to provide students with opportunities to gain practical exposure, skill-based training, and certification support in emerging and in-demand areas of Civil Engineering.



NPTEL Top Performing Mentor award

Dr. Asha Joseph (Professor, CE) has been honoured with the NPTEL Top Performing Mentor award. This award is given to faculty members who actively guide and support students in NPTEL courses and help them achieve excellent certification results. From July 2025 to December 2025, Dr. Asha Joseph mentored 11 students from the department for the course "Building Materials as a Cornerstone to Sustainability".



FDP on Disaster-Resilient Construction Techniques and Sustainable Practices

The Civil Engineering Department organized a six-day Faculty Development Programme (FDP) on "Disaster Resilient Construction Techniques and Sustainable Practices" from 14th to 21st January 2026 in hybrid mode. The programme was inaugurated on 14th January at the Main Seminar Hall by Dr. E. S. M. Suresh, Professor and Head, NITTTR, Kalamassery. It aimed to strengthen participants' expertise in disaster risk reduction, resilient infrastructure, and sustainable development, with focus on Kerala's disaster-prone context. Experts from leading institutions including IIT, NIT, CUSAT, KILA, KSDMA, KERI, and GCC Abu Dhabi contributed insightful sessions across key thematic areas.



Seminar on "Safe Systems Approach in Kerala's Road Safety"

Students from the department of civil engineering attended the State-Level Seminar on "Safe Systems Approach in Kerala's Road Safety" held on 17 January 2026 at SCMS Cochin School of Business.

Organised by the Kerala Motor Vehicles Department in association with the SCMS Institute of Road Safety, the seminar provided valuable insights into contemporary road safety policies, system-based approaches, and the interdisciplinary role of engineers in creating safer transport networks. Accompanied by Dr. Sumayya Naznin, Assistant Professor, the students gained an enriching learning experience that effectively connected academic learning with real-world societal impact.



Chairperson, ISTE Central Zone (Kerala Chapter)

Ananthakrishnan V S, S6 CE 2023-2027, from the department of Civil Engineering, FISAT has been selected as the Chairperson, ISTE Central Zone (Kerala Chapter).



Invited talk on Sustainable Building Practices

The department of civil engineering conducted an invited talk on "Sustainable Building Practices in India" On 24th February 2026. The program was conducted in association with the IGBC Student Chapter of our campus. The speaker was Dr. Meril George, Professor and Dean Administration, SCMS School of architecture. The target audience was the final year B.Tech students.



Site visit to Marina One

On 24/02/2026, Final year students of the Civil Engineering Department had the opportunity to visit Marina One at Marine Drive, Kochi, one of the most prestigious under construction residential development projects in Kerala. It was organised by Sobha as a one day workshop titled "From Classroom to Construction Site - Real-Time Execution of High-Rise Residential Projects" with sessions on Industry Insights, guided site visit and on site live execution of construction processes. There were 30 students accompanied by the Head of the Department, Dr. Kavitha P E and Ms. Preethi M (Assistant Professor, Senior Grade, CE).



NACTET test winners

NACTET is an autonomous, non-profit organization registered under the Government of Kerala and the Government of India (NCT, New Delhi). The final year students of the Civil Engineering department participated in the NACTET C Prize examinations conducted by the National Council for Technology and Training at FISAT campus on 18th February 2026.



Champions of our Department

APJ Abdul Kalam Technological University organised the All Kerala Inter-Collegiate Athletics Championship at the Chandrashekhara Nair Stadium, Thiruvananthapuram from 16th to 18th February 2026. There are two medal winners from the Civil Engineering department, Gagan S Krishna, S4 CE 2024-2028, who won the Bronze Medal in the 10,000 m walk. Sangeetha K S, S2 CE 2025-2029, also delivered an excellent performance, securing the Silver in 200m and Bronze in the 400 m race. Sangeetha was also a part of the 4x400m relay team which won the Bronze Medal - three medals in her kitty!



Hands-on Training on EPANET

The Civil Engineering Department, FISAT organized a hands-on training session on "EPANET" for the fourth-semester B. Tech Civil Engineering students, on 09 February 2026. The training was handled by Dr. Nishida A (Assistant Professor, CE).

EPANET is a widely used public-domain software developed by the United States Environmental Protection Agency, USEPA, for modelling water distribution systems. The workshop provided valuable practical exposure and enhanced the students' understanding of modern water distribution modelling tools used by professional engineers and consulting agencies.



Aesthetic Aspects of Building & Concept Drawing Competition

The Builders Association of India Student Chapter (BAI) of Civil Engineering Department conducted a workshop titled "Aesthetic Aspects of Building & Concept Drawing Competition" for the first year B.Tech students on 11 February 2026 during the afternoon session. The program was conducted with the support of Tangent Education, Thrissur, which offers specialized training in interior/exterior design and 3D visualization. Mr. Vinod KC and Mr. Arundas VM, Directors of Tangent, were the resource persons. Students were divided into 10 groups, and were asked to develop the elevation for a concept restaurant. Team of Ananthu A E, Ashna Ali, Dona Elezabeth Benny, Devananda P P, Edwin Sojan, Fathima Sidhik from S2 CEA and Namitha A, Pavan B Pillai, and Sreebhadrha M R from S2 CEB emerged as winners for the competition.



Five-day industrial visit and study tour

The sixth semester students of our department embarked on an exciting five-day industrial visit and study tour from 5th to 9th February 2026. Visits to locations such as the Harangi Reservoir in Coorg provided insights into water resource management and dam infrastructure. Students also visited Urban Wood Industries, Mangalore which is a production company which manufactures plywood and binding glue used for its production.



Gate Qualified!

Congratulations to Sreenanda P, S8 CE 2022-2026 and Ananthakrishnan V S, S6 CE 2023-2027 for qualifying the GATE 2026 exam.



Ananthakrishnan V S
S6 CE



Sreenanda P
S8 CE

Hands-on Training Program on Building Information Modelling

The Civil Department organized a two-day hands-on training program on Building Information Modelling (BIM) on 4th and 10th February 2026. The program was conducted in association with the ACE, ASCE Student Chapter and ISTE FISAT Chapter, with the objective of equipping students with industry-relevant digital construction skills. The training program was specifically designed for Fourth Semester Civil Engineering students. The sessions were handled by Dr. Asha Joseph (Professor, CE) and Ms. Sowmya V. Krishnankutty (Assistant Professor (Senior Grade), CE).



Mock GATE Examination

The Civil Engineering Department organized an orientation session for final-year students on various competitive examinations in Civil Engineering, including GATE, IES, and UPSC, along with an overview of the opportunities available after qualifying GATE. The session was handled by Mr. Ajith Mathew, Assistant Professor at Civilianz, on 6 February 2026. Following the session, a mock GATE examination was conducted for interested students.



Kickboxing Open Nationals Championship

Adithyan R. Nambiar S6 CE 2023-2027 secured the silver medal in the 60 kg Senior Men's category at the K1 Kickboxing Open Nationals Championship (Amateur), organised by the Amateur K-1 Association of Kerala. The championship was held from January 30 to February 1 at Calicut.



Technical talk on - Local & Global Projects with Real-Time Visualisation Using Virtual Reality (VR)

The Civil Department organized a technical talk on "Local & Global Projects with Real-Time Visualisation Using Virtual Reality (VR)" on 10 March 2026 for final-year students. Experts from SOLID CAD, Kochi, introduced VR applications in civil engineering. A Residential Home Planning Competition followed, with top designs evaluated and winners announced in the closing session.



Structural design competition - Vertical Ventures

The ISTE Student Chapter hosted TANTRA, a national-level technical fest from 27th February to 1st March 2026. The Civil Department conducted "Vertical Ventures," a structural design competition with 15 teams. Adwin Antu, Alwin Pauly, Arjith Manoj, and Govind K won first prize, awarded by alumni playback singer Sachin Warrier.



Bharat Navnirmaan Challenge 2026

Ananthakrishnan V S, Abiram B Krishna and Aakash S Nair, S6 CE 2023-2027 represented FISAT at the Bharat Navnirmaan Challenge on 8th March 2026 under the mentorship of Rinu J Achison (Assistant Professor (Senior Grade), CE).



10th International Engineering Symposium (IES-2026) at Kurume University, Japan

Dr. Kavitha P E, Head of the Civil Engineering Department and Dr. Jiji Antony (Professor, CE), successfully presented a research paper and chaired a session at the 10th International Engineering Symposium (IES-2026) held at Kurume University, Japan from 3rd to 5th March 2026. Dr. Kavitha P.E presented the research paper titled 'Eco-Friendly Lightweight Beams Using GFRP-Wrapped Recycled Plastic Laminates in Cold-Formed Steel' and Dr. Jiji Antony presented the research paper titled 'Stamped Pavement Blocks With Iron Ore Tailings'.



Build and Balance: Tensegrity Challenge

The Department of Civil Engineering at FISAT organized the "Build and Balance: Tensegrity Challenge" on 4 March 2026, promoting innovation and teamwork through hands-on structural design. Coordinated by faculty and student volunteers, the event engaged participants in constructing stable and aesthetic tensegrity models. The competition concluded with prizes awarded to outstanding teams for their creativity and structural excellence, making it a memorable and enriching learning experience for all involved.



Technical Interview and Launch of CIVISPHERE

The department of civil engineering has initiated a podcast series in the official youtube channel of the Department. On 26th March, the department organised an interview session for Civisphere: A hub for Civil Engineering Voices. The programme was coordinated by Ms. Keerthi Sabu (Assistant Professor (Special Grade), CE). Mr. Arun Paul Steephan P, Senior Manager, JSW One (Kerala Region), was the expert resource person for the session. Student Coordinators for the event were Sreenanda P and Amala Polly, S8 CE 2022-2026.

AICTE QIP PG Certificate Programme

Dr. Kavitha P E, Head of the Civil Engineering Department, successfully completed the AICTE-QIP PG Certificate Programme in Machine Learning for Solving Challenging Engineering Problems at the Centre for Continuing Education, Indian Institute of Science (IISc), Bengaluru, conducted from 7th July 2025 to 9th January 2026, with a sponsorship of ₹40,000 by AICTE.



Ms. Neeraja Nair, Ms. Rajalakshmi T R, and Ms. Reshma Prasad, Assistant Professors in the Civil Engineering Department, successfully completed the AICTE QIP PG Certificate Programme in Deep Learning at National Institute of Technology Karnataka, Surathkal during June–December 2025, with a sponsorship of ₹40,000 by AICTE.

ECE Faculty Achievements

Ms. Ambili A.R completed an International Two Month Internship on "Automatic Speech Recognition (ASR)" for Low-Resource Languages" from Max Planck Institute for Psycholinguistics, Netherlands from Dec 2025 to Jan 2026.

Ms. A. R. Ambili and Mr. Rajesh Cherian Roy presented a research paper titled "Power of Graph Neural Networks: A Multi-Representational Feature Fusion Approach for Resolving Phonetically Similar Indian Languages" at the 38th Kerala Science Congress held from 30 January 2026 to 2 February 2026.

The patent titled "Menstruation Blood Detection System for Autism Support with Caretaker Alerts" has been published by Mr. Anoop E G, Ms. Nimmy M Philip, and Ms. Deepa N R, Assistant Professors (Senior Grade), together with Ms. Aleena Paul, Ms. Ann Mary Biju, and Ms. Farsana P J from the Department of Electronics and Communication Engineering, FISAT.

Ms. Ambili A.R, and Jeslin P .Jo published a paper titled "Voice-Activated Emergency Surveillance System," in 2025 First International Conference of Advances in Engineering and Computing Technologies for Sustainable Development (AECTSD), COIMBATORE, India, 2025, pp. 1-6, doi: 10.1109/AECTSD65988.2025.11411444.

Ms. Ambili A. R and Sreelekshmi S, published a paper titled "Speech Emotion Recognition on Embedded Platforms: A Customized Device Solution," in 2025 First International Conference of Advances in Engineering and Computing Technologies for Sustainable Development (AECTSD), COIMBATORE, India, 2025, pp. 1-6, doi: 10.1109/AECTSD 65988.2025.11410718.

Ms. Ambili A.R and Ms. Vinitha .V published a paper titled "Embedded Control and Image Processing Approach for Automated String Art" in IJIRT, INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY, | Volume 12 Issue 9 | ISSN: 2349-6002 on February 2026

Ms. Ambili A.R, Ms. Vinitha.V, Ms. Sreelekshmy S., Ms. Bini V.K., Ms. Elza George has attended Six days International Faculty Development Programme on "Converging Materials Science & Additive Manufacturing: Towards Digital and Green Manufacturing" organized by the Department of Mechanical Engineering, Federal Institute of Science and Technology, Angamaly, in association with Industry Institute Interaction Cell (IIIC)

Ms. Ambili A.R and Ms. Vinitha .V Completed a FDP on "ML Assisted CMOS Analog and VLSI Circuit Design" Department of ECE, SBCE, Pattoor from 14/02/2026-19/02/2026.

Dr. Anil Kumar M N and Ms. Neena K A published a journal titled -, "Haar-initialized parametric wavelet compression with attention-driven lightweight CNN for brain tumor classification on edge devices", 2026 Biomed. Phys. Eng. Express 12 015051 DOI 10.1088/2057-1976/ae3760

Dr. Anil Kumar M N and Neena K A published a journal titled - "Optimizing Medical MRI Brain Image Classification through Compression Analysis on Deep Learning Models with Light Weight Implementation," International Journal of Computer Theory and Engineering, vol. 18, no. 1, pp. 68-78, 2026.. DOI: 10.7763/IJCTE.2026.V18.1389

Ms. Ambili A.R Completed a training program on "Artificial Intelligence and Machine Learning in Space Exploration" from the Indian Space Academy (ISA) from 23/02/2026 to 28/02/2026.

The Department of Electronics and Communication Engineering organized a three-day Faculty Development Program (FDP) on "Cadence Tools for VLSI Design" in association with Trellisign Technologies, Bangalore and the ISTE FISAT Chapter. The program was coordinated by Mr. Anoop E. G., Assistant Professor (Senior Grade), Department of ECE. The FDP was conducted by Mr. Sanjay G. S., Field Application Engineer, Trellisign Technologies, Bangalore, who served as the resource person.



The Department of Electronics and Communication Engineering organized a two-day hands-on workshop on CMOS Circuits using Microwind for the sixth semester B.Tech ECE (A and B batches) on 21st and 24th February 2026. The workshop was conducted by Ms. Deepa N. R., Ms. Nimmy M. Philip, and Mr. Anoop E. G., Assistant Professor (Senior Grade).



The Department of Electronics and Communication Engineering, in association with the ISTE FISAT Chapter, organized a hands-on workshop titled "ChipCraft – Custom IC Mastering using Cadence" as part of ISTE Tantra 2026. The workshop was conducted by Ms. Deepa N. R., Ms. Nimmy M. Philip, and Mr. Anoop E. G., Assistant Professor (Senior Grade).



Ms. Vinitha V, Mr. Benoy Abraham and Ms. Sreelekshmi S has given an Awareness Program on "Current trends and Opportunities in the Semiconductor Industry" for S6 ECE students on 23/02/2026



Mr. Benoy Abraham represented FISAT at the IEDC Start-Up summit organized by the Kerala StartUp Mission (KSUM) at Amal Jyothi College of Engineering, Kangirappally.

Ms. Vinitha V, Mr. Benoy Abraham and Ms. Sreelekshmy S attended the "5-days of Train the Trainer" program for STE-SDC Course at Tessolve Semiconductor Pvt. Ltd., dated from 27th Jan 2026 to 31st Jan 2026.



In January 2026, Ms. Jilu George and Ms. Jeslin P Jo from the Department of Electronics and Communication Engineering, FISAT, visited Cadence Design Systems in Bangalore, where discussions focused on curriculum enhancement, Industrial Electives, and faculty development. As a follow-up, an orientation session was held on 27 February 2026 for sixth-semester students, delivered by Mr. Binoy C. K., Senior Design Engineering Manager at Cadence, Ms. Jilu George and Ms. Jeslin P Jo Assistant Professors, ECE, FISAT.



Internal Research Cell, Department of Electronics and Communication Engineering (IRCECE) Activities

Ms. A. R. Ambili conducted a hands-on workshop on “AI Applications in Speech” on 14 February 2026 as part of an initiative of the Internal Research Cell, Department of Electronics and Communication Engineering (ECE), FISAT.



A workshop on Hyperspectral Imaging was coordinated on 20/02/2026 for S6 ECE students as part of the workshop series organized by IRCECE, FISAT. Ms. Elza George, Assistant Professor (Special Grade), Department of Electronics and Communication Engineering (ECE), served as the resource person. The workshop was coordinated by Ms. Ambili A. R., Assistant Professor (Senior Grade).

A workshop on “AI in Image Forensics” was coordinated on 4/3/2026 for S8 ECE students as part of the workshop series organized by IRCECE, FISAT. Ms. Aiswariya Raj, Senior Grade faculty member, served as the resource person. The workshop was coordinated by Ms. Ambili A. R., Assistant Professor (Senior Grade), and Ms. Jilu George, Assistant Professor (Senior Grade).

A workshop on “Exploring Artificial Intelligence Techniques in Medical Imaging” was coordinated on 13/03/2026 for S2 ECE students as part of the workshop series organized by IRCECE, FISAT. Ms. Dhanya S., Assistant Professor (Special Grade), Department of Electronics and Communication Engineering (ECE), served as the resource person. The workshop was coordinated by Ms. Ambili A. R., Assistant Professor (Senior Grade), and Ms. Vinitha V., Assistant Professor (Senior Grade).

ECHO Activities

A workshop on “AI in Image Forensics” was coordinated on 4/3/2026 for S8 ECE students as part of the workshop series organized by IRCECE, FISAT. Ms. Aiswariya Raj, Senior Grade faculty member, served as the resource person. The workshop was coordinated by Ms. Ambili A. R., Assistant Professor (Senior Grade), and Ms. Jilu George, Assistant Professor (Senior Grade).

RISE 2026

RISE 2026 – Research Innovation Science Expo, organized by ECHO, Department of Electronics and Communication Engineering, FISAT, on 23rd and 24th March 2026. RISE 2026 was designed as a comprehensive platform that brought together innovation, technical skills, creativity, and entrepreneurship under one roof. One of the major highlights of this event was Code Storm – the Hackathon, a 12-hour coding and innovation marathon where participants collaborated in teams to develop creative solutions, applications, and prototypes. It encouraged problem-solving, teamwork, and real-time Innovation. The Mini Project Expo – Innovix, the Main Project Expo – Agnitio, the Business Model Presentation – Pitch Forge, Circuit Rush- a circuit wiring competition, Robo Track- which introduced participants to line follower robotics, CyberShield- A Cybersecurity Workshop, a Web Development Workshop, Web Forge were some of the highlights of RISE'26. Overall, RISE 2026 was not just about competition, but about learning, exploring new ideas, and gaining hands-on experience.



A talk on “Think Like a Founder : Turning Ideas into Viable Startups” was coordinated by Pearlsy P V, Assistant Professor (Senior Grade), Elza George, Assistant Professor (Special Grade) and Basil K Jeemon, Assistant Professor (Special Grade), Department of ECE for S8 ECE A & B on 16 February 2026. Ms. Raji P, Assistant Professor (Special Grade), Department of EIE served as resource person for the talk.

A talk on “Lean startup and MVP : From problem to paying customer” was coordinated by Dhanya S Assistant Professor (Special Grade) and Christy Jose Assistant Professor (Senior Grade), Department of ECE, for S2 ECE A & B on 18th February 2026. Ms. Raji P, Assistant Professor (Special Grade) Department of EIE served as resource person for the talk.

A hands-on workshop for S2 ECE A batch on 26th February 2026, titled “Mastering Circuit Analysis with LTspice” was coordinated by Dhanya S, Assistant Professor (Special Grade), and Christy Jose, Assistant Professor (Senior Grade), Department of ECE, who also served as the resource persons.

A hands-on workshop for S2 ECE B batch on 11th March 2026 titled “Computer Aided Circuit Analysis using LTSpice” was coordinated by Dhanya S, Assistant Professor (Special Grade), and Christy Jose, Assistant Professor (Senior Grade), Department of ECE, who also served as the resource persons.

MeitY funded project on the EdTech Platform in Semiconductor Space to Democratize Chip Design & Development Eco System for Masses was organised by the Department of Electronics and Communication Engineering in association with National Institute of Electronics & Information Technology, Calicut (NIELIT) under the Ministry of Electronics & Information Technology, Government of India for S8 ECE A and B from 10th to 14th February 2026. Bootcamp was coordinated by Dr S Krishna Kumar Professor, Department of ECE and Ms. Christy Jose Assistant Professor (Senior grade) Department of ECE.



ECE Students achievements

Aafina Shameer and Disalfin K Sunny of 2024 admission ECE A batch scored 10 SGPA in S3 University examination.

Abhinand T B of 2025 admission ECE A batch scored 10 SGPA in S1 University Examination.

Disalfin K Sunny of 2024 admission ECE A batch was finalist in the Speak For India Debate Kerala Edition 2025-26, conducted by Federal Bank in Association with Mathrubhumi winning a cash prize of 50K and the event took place on 16th January 2026.



Ann Moni 2023 admission ECE A & Disalfin K Sunny of 2024 admission ECE A batch got the 2nd position in the KTU Debate Competition organised on 24th January 2026 at FISAT.



The patent titled “Menstruation Blood Detection System for Autism Support with Caretaker Alerts” has been published by Mr. Anoop E G, Ms. Nimmy M Philip, and Ms. Deepa N R, Assistant Professors (Senior Grade), together with Ms. Aleena Paul, Ms. Ann Mary Biju, and Ms. Farsana P J from the Department of Electronics and Communication Engineering, FISAT.

The team Sense Comfort, with members Aleena Paul and Ann Mary Biju, won the Best Visionary Award (₹5,000) at PROTOSYNTH 2026, a 30-hour intensive buildathon organized by the IEDC and Department of Biotechnology, MET's School of Engineering, in association with IEDC GEC Thrissur. They received this recognition for their project titled “ML-Based Menstruation Detection and Automated Pain Relief System for Autistic Individuals” which demonstrated strong innovation, scalability, and meaningful societal impact.

Diljin Davis of 2024 admission ECE A and Adwaith Anand of 2022 admission ECE A were members of Kerala team which secured First position in 38th National tug of war championship held on 2nd February 2026 at Palgham (Maharashtra) in Catch weight category.

FISAT Tug-Of-War Men's team secured First Place and the Women's team secured Second Place in the KTU Interzone Tug of War Championship held at UKF CET, Parippally, Kollam on 28th March 2026. Diljin Davis and Adwaith Anand 2024 & 2023 admission ECE A were members of Men's team and Avanthika U, Aafrin Hidayath P K 2024 admission ECE A, Senna Maria 2023 admission ECE B were members of Women's team.



FISAT cricket team emerged as the KTU D Zone winners. The tournament was conducted at FISAT College on 12th December 2025., Ajay Narayan V M of 2024 admission ECE A was the highest wicket taker of the tournament.



Devanand P. Shibu & Disalfin K. Sunny 2024 admission ECE A batch got the second prize and Gouthami Vinod & Brigit Babu Pynadath 2024 admission ECE A batch got the third prize in the inter-department Mathematics Quiz competition for P V MATHEW MEMORIAL ever rolling trophy held on 11th February 2026.

S4 ECE students team secured Runner Up position in the Prof. Anuranj Memorial Trophy '26 (EDGE+ 5.0 Inter-Department Cricket Tournament). The team was captained by Ajay Narayan V M. Adwaith TR and Adwaith KC of 2024 admission ECE A batch were also members of the team.



Abhiram Asokan, Austen M Manavalan, Aswin S Nair and Harshavardhan K S of 2023-27 Electronics and Communication Engineering A Batch won the SPECIAL JURY MENTION AWARD in the BIS 1.0 (Business Innovation Super League) organized by Jawaharlal College of Engineering and Technology, Lakkidi, in association with IEDC on 13th March 2026.



The Second Prize along with a cash award of ₹5000, in the Smart Resource Monitoring System for Sustainable Campuses track at IgniteX 2026 was awarded to the team comprising Sreelakshmi N, N G Vinayak and Jagannath P of 2024 admission ECE B batch.

Shafin Sharaf A. P. (S6 ECE) was selected to the KTU University Main Football Team, marking a notable achievement in

representing the university through his outstanding sporting performance.

Arjun Sasi and Adithyan Sasi (S6 ECE) were key members of the FISAT Angamaly cricket team that created history by securing the 1st Runner-Up position at the KTU Inter-Zone Cricket Tournament, marking the institution's first-ever Inter-Zone trophy achievement.

From First Batch to Global Faculty – An Inspiring Alumni Talk

An Alumni Talk on “Engineering Complex Systems for a Smarter World: Graduate Pathways in SSIE” was delivered by Dr. Sreenath Chalil Madathil, Assistant Professor, SSIE, Binghamton University, New York, USA on January 5, 2026. As an alumnus from the first batch of EEE (2002–2006), he made the session especially inspiring for the young budding engineers. He shared insights on higher studies, research opportunities, and career pathways in complex engineering systems. The talk motivated students to explore global academic and professional opportunities in emerging engineering domains.



Outstanding Performance by EEE Students in Technical Competitions

Adith K Jain, Joseph Sabu, Anjan Jacob, and Akash S (S8 EEE, 2022–2026) achieved remarkable success in multiple technical events in 2026. They won First Prize at the Kerala Renewable Energy Expo (January 9, 2026) for their project “Live Carbon Emission Tracker using Smart Energy Meter.” The team also secured the Best Paper Award at the National Conference on Energy, Environment & Engineering, M. A. College of Engineering, Kothamangalam (March 9, 2026), under the track Carbon Capture and Green Engineering. Additionally, they won Second Prize at ENGINEX-2026 Project Expo (March 18, 2026). The project was mentored by Mr. Stany E George



Industry Collaboration with EQUINOCT

The Department of EEE, signed a Memorandum of Understanding (MoU) with EQUINOCT on January 16, 2026 to strengthen academic industry collaboration. The MoU was signed in the presence of Dr. Jayaraman C, Co-founder and Managing Director of EQUINOCT. This collaboration is expected to support student training, internships, and research activities in emerging technology areas.



Innovation Award at State Level Hackathon

Mohammed Mohsin (S4 EEE, 2024 - 2028) was part of the team that won First Prize with a cash award of Rs. 50,000 at the state level 24 hour hackathon organized by Dr. Moopen's AI & Robotics Centre on January 16, 2026. The team developed the project titled Automated Food Grade Coconut Identification, Collection, and Loading from Farms. The achievement highlights the innovative and interdisciplinary skills of the students in robotics and automation.



Research Presentation at Global TechCon 2026

Ms. Deepa K (Assistant Professor, EEE) along with Ajmal K S, Aryan Sonu V M, Alfredo Shaju, Elias Benny, Gouri Sooraj and Veena Prakash (S8 EEE, 2022 - 2026) presented their papers at ISTE Global TechCon 2026 held in Dubai on February 18 and 19, 2026. The conference, organized by ISTE, provided an international platform to showcase their project work. The participation reflects the department's active involvement in global academic events.



Hackathon Victory at Christ Engineering College

Joseph Sabu, Arjun T and Sebin Poulose (S8 EEE, 2022 - 2026), secured First Prize in the Hackathon conducted at Christ Engineering College on February 4, 2026. The team was recognized for their innovative solution and technical excellence during the competition. The achievement reflects the strong problem solving and development skills of the students.



The Future of Mobility – Expert Talk

An expert talk on “The Future of Mobility: Integrating Embedded Systems and Robotics in EV Infrastructure” was organized by Electra on February 23, 2026. The session was delivered by Mr. Govind S Warriar, Embedded Systems Engineer, Swapp Design Pvt. Ltd., Bangalore for S6 and S8 EEE students. The talk provided insights into emerging technologies in electric vehicles, embedded systems, and robotics.



Academic Collaboration with TNEI

The Department of EEE, signed an MoU with TNEI on March 6, 2026 for the use of Edulite – a 30-user educational license of their proprietary power systems analysis software IPSA. The MoU was signed in the presence of Mr. Gireesh G, Technical Sales Engineer. This collaboration will support students in gaining practical exposure to power system simulation and analysis tools.



EEE Student Wins Gold in Kickboxing Championship

Rishika Bineesh (S4 EEE, 2024 - 2028) won the Gold Medal at the ICF National Kickboxing Championship held at Kozhikode. Her outstanding performance at the national level brought pride to the department.



Outstanding Milestone in University Examinations

Ms. Karthiayani Premakumar (S1 EEE, 2025 - 2029) has achieved an outstanding milestone by securing a perfect SGPA of 10 in the S1 B.Tech Degree Examination held in December 2025. Her remarkable accomplishment stands as a testament to her exceptional dedication, perseverance, and academic brilliance. The EEE family takes immense pride in her success and celebrates this achievement with great joy. Heartiest congratulations to her, and best wishes for continued excellence in the journey ahead.



Faculty Publications and Collaborations



Dr. Parvathy R (Professor, EEE), was selected for 3 months Winter Internship during January to March 2026 in the Department of Aerospace Engineering at IIT Kanpur. She also received an opportunity for joint research with the faculty in the Department of Aerospace Engineering at IIT Kanpur.

Dr. Parvathy R presented a paper titled "Comparative Assessment of Battery Energy Storage and Pumped Hydroelectric Storage for Small and Large Scale Renewable Energy Applications" co-authored by Dr. Rinku Scaria (Assistant Professor, EEE) and Mr. Stany E George (Assistant Professor, EEE) in the 16th International Conference on Renewable and Clean Energy (ICRCE 2026) at Osaka, Japan on March 7, 2026.



Mr. Stany E George (Assistant Professor, EEE) presented a paper titled "Data driven Energy Management: Machine Learning Approaches for Buildings" co-authored by Dr. Parvathy R (Professor, EEE) in the International Conference on Electric Power and Renewable Energy (EPREC 2026) at IIT Bhilai on January 3, 2026.



Veena Wilson (Assistant Professor, EEE), Akash Plakkal Sabu, Devika A Nair, Silpa Nair, Sreejith S (B.Tech EEE, 2021 - 2025) published "Design and Development of Scootico: A Compact Single Seater Electric Scooter for Urban Mobility", in Vol. 3, No. 2 (December 2025) edition of the Journal of Applied Science, Engineering Technology and Management.



Dr. Surya Natarajan (Assistant Professor, EEE), Abhinav N R, Ejn Joby, Sreejith S, Santo Varghese (B.Tech EEE, 2021 - 2025), published "Design and implementation of an AI and IoT enabled Solar - powered Robotic lawn mower" in Vol. 3, No. 2 (December 2025) edition of the Journal of Applied Science, Engineering Technology and Management.

HydraPure Triumphs: EEE Students Clinch Top Honors at Medinova Expo

Mohammed Shareef, Anna Shijo, Abhay Sajesh, and Appu Anilkumar (S8 EEE, 2022 - 2026) were recognized with First Prize at the Medinova Project Expo held on March 26, 2026 for their innovative project titled "HydraPure – Smart Portable Filter Bottle." The competition, organized by the Department of Electronics and Biomedical Engineering at Adi Shankara Institute of Engineering and Technology in association with the Biomedical Engineering Society of India, witnessed participation from multiple institutions showcasing cutting-edge ideas. Guided by Dr. Rinku Scaria (Assistant Professor, EEE), the team impressed the judges with their creativity, technical proficiency, and practical relevance of their solution.



Advancing EV Technology: Wireless Charging Project Secures Second Prize

The project “Dynamic Wireless Power Transfer System for Electric Vehicle (CHARGENIX)” secured Second Prize at Project Expo 2026 held on March 27, 2026, as part of ASTHRA '26 at Sreepathy Institute of Management and Technology. The event was organized by IEDC SIMAT in association with ISTE SIMAT. The team comprised Aswin Vijay T, Muhammed Rashid, Sanal Rajan, and Vinu P A (S8 EEE, 2022 - 2026) under the guidance of Mr. Febin Raju (Assistant Professor, EEE). Focusing on dynamic wireless charging, the project presents a forward-looking solution for seamless and efficient energy transfer to electric vehicles, supporting the future of sustainable mobility.



ILUMINAR 2026 - Annual Project Expo

The Annual Project Expo “Illuminar” was successfully organized by the Students' Association ELECTRA of the Dept. of EEE, showcasing the innovative projects of final year students. The expo was inaugurated by Dr. Jacob Thomas V, Principal, FISAT on March 24, 2026. In its 10th year, Illuminar 2026, served as a vibrant platform for students to demonstrate their technical skills, creativity, and practical problem-solving abilities through a wide range of projects. Several prestigious awards were presented to recognize outstanding contributions. The Edison Award was conferred for the Best Innovative Project, the Tesla Award for the Most Socially Relevant Project, the Faraday Award for the Best Completed Project and a Best Poster Award to appreciate excellence in poster presentation. Illuminar witnessed enthusiastic participation from students and faculty, making it a grand success and a true celebration of innovation, engineering excellence, and collaborative learning.



Winners

Salvion Thomas, Nivin Prakash and Farzeen Fatima of S4 EIE emerged as the title winners at the Youth Hackathon by Kerala Agriculture University at Mannuthy securing first prize and Rs15,000 for their AI powered Egg Candling Machine “Smart Candle”



Ibrahim K M, Amir Shihab, Aneena Manohar, Nourin Shanavas, Izza Muhammad and Amaan Shakeer of S4 EIE secured second prize in PATHX – Line Follower Robot Competition organized by the Robotics Club, VJCET.



IDEA Pitching

Manal Nivil Ali and Adithyan K of S4EIE won 2nd prize for the idea pitching competition held at Chinmaya viswa vidyapeeth, Piravam on 19/2/2026



Line Follower Robot Competition

Mohammed Ajmal, Hrithika S, Anirudh P secured second position in Line Follower Robot competition held at Mar Baselios Institute of Technology and Science, Kothamangalam

Ibrahim K M, Amir Shihab, Aneena Manohar, Nourin Shanavas, Izza Muhammad and Amaan Shakeer of S4 EIE secured third position in Line Follower Robot competition held at Mar Baselios Institute of Technology and Science, Kothamangalam



Alumni Talks



Online session on resume building was conducted by Ms Smruthy S (2020-24 batch EIE), PHP Developer[24]7. on 5/03/26



Mr Ajith Joseph(2018-2022 EIE), Senior Engineer, Eximietas conducted seminar on Career Pathways and Real World Opportunities on 27th February 2026



Mr Cyril Mathew Panamkoodan(2017-21 EIE), Director-SarasTechno delivered an expert talk on role of "Automation in Food Industry" on 11th March 2026.

Project Expo

Project exhibition of EIE students were held on 25th March 2026



Industrial Visit

Hands-on training on Industrial instrumentation was given to semester seven EIE students for bridging the gap between academia and industry at the instrumentation lab of Govt. ITI Kalamassery on 14th and 21st of March 2026. Exposure to implementation of pressure, temperature and smart transmitters, process control systems, DCS, PLC, industrial instruments were given during the program



iACT 26

EIE dept. students showcased an outstanding performance at i-ACT-26 The annual Students convention of International Society for Automation, Bangalore Chapter conducted at MIT, Uduppi. They bagged 5 prizes in 4 competitions. Got first prize in metro ticketing & achieved 4 second prizes in PLC competition, Ideathon & CAD designing.



International Rover Challenge (IRC-26)

A Team of 38 S6 and S4 EIE students under the mentorship of Dr. Sreevidya P were the finalists of International Rover Challenge (IRC-26). The Rover was set to original Mars- Rover with Bio detection as major challenge controlled autonomously. Venue of event: Manipal, (Manipal Institute of Technology, Uduppi).



Tech Conclave 2026 by ASME FISAT Women in Engineering Division

The ASME FISAT Women in Engineering organized Tech Conclave 2026 on 14th March 2026 at the Main Seminar Hall, Federal Institute of Science and Technology. The event brought together students and professionals, creating a dynamic platform for sharing ideas, innovation, and real-world technological insights



International FDP on Materials Science & Additive Manufacturing at FISAT

The Department of Mechanical Engineering at FISAT, in association with IIC, organised a 6-Day International FDP titled "Converging Materials Science & Additive Manufacturing: Towards Digital and Green Manufacturing" from 9th to 14th March 2026 in hybrid mode. The programme focused on integrating advanced materials with modern manufacturing techniques for sustainable industrial practices. It brought together academicians, researchers, and industry experts from India and abroad. Renowned speakers from institutions and organisations such as IITs, ISRO, Wipro 3D, and international universities led sessions. Participants gained insights into emerging trends, innovative technologies, and environmentally responsible manufacturing approaches shaping the future of industry.



3-Day Add-On Course on Data Intelligence in Mechanical Systems

The Department of Mechanical Engineering at Federal Institute of Science and Technology conducted a 3-Day Add-On Course on Data Intelligence in Mechanical Systems (DIMS) from 12th to 14th March 2026. The programme introduced participants to the integration of mechanical engineering with data-driven technologies, covering AI, machine learning, predictive analytics, and their applications. Sessions were handled by Dr. Shailesh Sivan, Principal AI Architect at Laennec AI Limited, and Mr. Likhil Gopalan, Assistant Professor at FISAT. Combining theory with hands-on training, the course provided valuable exposure to industry-relevant tools, enhancing participants' technical knowledge and practical skills in modern mechanical systems.



Invited Talk on Lean Manufacturing and Toyota Production System

The Department of Mechanical Engineering, in association with the Student Association of Mechanical Engineering (SAME) has organised an invited talk on Lean Manufacturing and the Toyota Production System on 2nd March 2026. The session aimed to equip students with practical insights into contemporary industrial practices focused on enhancing efficiency and minimising waste.

The talk was delivered by Dr. Govind Bhatt, a QCI-certified Lean Manufacturing consultant and a distinguished expert in manufacturing systems and industrial engineering. Through real-world examples and engaging discussion, he highlighted the core principles of lean thinking and their application in modern industries, offering students valuable perspectives on process optimisation and continuous improvement.



Fire Safety Awareness: Demonstration of Fire Extinguisher

The Department of Mechanical Engineering, in association with the Student Association of Mechanical Engineering (SAME) at Federal Institute of Science And Technology (FISAT), Angamaly, Ernakulam, Kerala has organised a Fire Safety Awareness program. Demonstration of Fire Extinguisher on 19th January 2026 at 10:00 AM.



Technical Talk - ISHRAE Student Chapter

The Department of Mechanical Engineering, in association with ISHRAE Student Chapter FISAT, has organised a technical talk session on "Optimizing HVAC Systems with HAP Software: Trends and Applications" on 27 March 2026 for prefinal year students. Mr. Sarath S (Assistant Professor, Mechanical Engineering Dept. FISAT) was the resource person. The session explored the latest trends and practical applications of Carrier's HAP software for optimising HVAC systems, enhancing energy efficiency, and reducing costs in building design and operations



Hands on session - One-day workshop on Level One ECU Tuning

The Department of Mechanical Engineering, in association with the Student Association of Mechanical Engineering (SAME) at Federal Institute of Science And Technology (FISAT), Angamaly, Ernakulam, Kerala has organised a one-day workshop on Level One ECU Tuning on 19th February 2026. Mr. Savio Eros, Founder of Eros Performance lead the workshop. The workshop provided insights into ECU functions, tuning methods, and their role in improving engine performance and efficiency.



Career orientation - ASME FISAT Women in Engineering division

A live webinar was organised by the ASME FISAT Women in Engineering division as a part of its career path orientation and awareness initiative. The session titled "FUTURE MAP: After B.Tech" was on Saturday, 28 February at 7:00 PM IST. Ms. Diya Sadath (Structural R&D Engineer at BUNA Holding, Saudi Arabia) was the speaker, and the session focused on bringing practical insights from student leadership roles and hands-on industry exposure to help make informed career decisions



MPOWER Soft Skills Training Programme

Pre-final year students of the Mechanical Engineering department completed the training workshop on power communication MPOWER programme. The MPOWER program was a comprehensive 4-day soft skills training initiative designed to enhance students' communication, leadership, and confidence-building abilities. Through interactive activities, on-stage performances, and personalised feedback, students developed essential skills to excel in professional environments. The program's focus on resume fine-tuning, strength identification, and weakness correction enabled students to improve their overall employability. Students significantly boosted their confidence, communication skills, and leadership potential, preparing them for success in their future careers after the training



Student achievements

A team of final-year Mechanical Engineering students from FISAT has achieved a remarkable milestone by successfully developing a Metal 3D Printer under the guidance of Dr. Harish T. M., Assistant Professor, Department of Mechanical Engineering. The student team comprised Nighil Satheeshan, K. J. Shivakanth Menon, Rohith P., and Febin S. S.

The innovation earned the team the Second Prize at the ENGINEX Innovation Expo 2026, organized by the ASME Kerala Section in association with SCMS School of Engineering and Technology. This achievement highlights the students' technical expertise, creativity, and commitment to advancing manufacturing technologies.

Mechanical Students Develop Metal 3D Printer, Win Second Prize at ENGINEX 2026



Winners of National-level HVAC&R Hackathon - ISHRAE Student Chapter

A team of second-year Mechanical Engineering students from FISAT has won a cash prize of Rs. 75000/- by securing the 1st Runner Up position in ISHRAE's 5th Edition HVAC&R Hackathon for Student Members. The team comprises of Susmitha V. Mahesh, Hrishikesh Sajith, Jerin Regie (S4 ME B) and Aqil Mohammed (S4 ME A) and Dr. Devi Parvathy S as the mentor. Their innovative project on a sustainable HVAC&R system, titled "Sustainable and Efficient CO2 refrigeration system using modular components and multi-stage optimization" is a game-changer for decarbonization.



ASME EFX India @ Jaipur

The ASME student team of the Federal Institute of Science and Technology (FISAT), FRC RAFALE, achieved a remarkable milestone by securing Overall All India Rank (AIR) 3 at the Electric Human Powered Vehicle Challenge (eHPVC) conducted

during ASME EFX India, a prestigious national-level technical fest hosted at The LNM Institute of Information Technology, Jaipur. Demonstrating exceptional engineering capability and teamwork, the team also secured AIR 1 in both the Drag and Endurance events, outperforming teams from several premier institutions across the country



SAE FISAT's Team FRC Zeon Secures Award at National EV Competition

Team FRC Zeon of SAE FISAT has brought laurels to the institution with an outstanding performance at the 7th SAEISS Dr. G. Padmanabhan Memorial Electric Two Wheeler Design Competition held on March 07-08, 2026 at Rajalakshmi Engineering College, Chennai.

The team secured the 1st Place under Special Awards for Consistent Performance in All Events and also achieved 2nd Place for Best Maneuverability. This achievement highlights the team's technical excellence, teamwork, and dedication in the field of electric vehicle design.



BAJA SAEINDIA 2026 at BVRIT Narsapur

Team FRC FORZA of SAE FISAT secured AIR 4 (Design Event) at the BAJA SAE INDIA 2026 competition held at B. V. Raju Institute of Technology (BVRIT) in Narsapur, Hyderabad, from February 25 to March 1, 2026. The competition, organised by SAEINDIA under the theme "Torque to Triumph," required student teams to design, fabricate, and test All-Terrain Vehicles (ATVs) capable of performing in off-road conditions.



SAE Autonomous Drone Development Challenge

The SAEISS Autonomous Drone Development Challenge (ADDC) 2026 competition was conducted at Karpaga Vinayaga College of Engineering and Technology, Chengalpettu, from 29th to 31st January 2026. The national-level competition highlighted student-designed autonomous unmanned aerial systems (UAVs) focusing on innovation, design, and flight performance. Two teams from our institution, Team Astra and Team Stellar, under the banner of the SAE FISAT section, participated in the competition. A total of 20 students represented the institution in this event. Both teams completed the Technical Inspection (TI) and qualified for the final flying rounds, demonstrating strong technical competence and teamwork.



Research Excellence Recognised: Best Paper Award at ICSRC'26

Mr. Anoop Sankar received the Best Paper Award at the International Conference on Sustainable Development in Renewable Energy and Computing Techniques (ICSRC'26), held at MBITS, Nellimattom on 6th & 7th March 2026.

The award was presented for his research paper titled "Hybrid Artificial Neural Network – Genetic Algorithm Optimization of Laser Melting Parameters for Ti6Al4V," recognising his valuable contribution to the field of additive manufacturing and materials research.



Dr. Rejeesh C. R. - Prestigious Fellow of The Institution of Engineers (India)

Dr. Rejeesh C R, Professor and Head of the Mechanical Engineering department, has been selected as a Fellow of The Institution of Engineers (India). This prestigious recognition is a testament to his significant contributions to the field of engineering and his continued commitment to academic and professional excellence.



Faculty Publications

1. David, N.V., Agarwal, A., Lawrence, J., Teoh, C., Rejeesh C.R., Sound insulation of flow-permeable biomimetic honeycomb structures with Helmholtz resonators. *Discover Mechanical Engineering* 5, 18 (2026). <https://doi.org/10.1007/s44245-026-00191-1>. (ESCI/SCOPUS Indexed, Q2; Cite Score:1.7)
2. Indian Design Patent, Application. No: 490504-001, Hydrofoil Enhanced Dual Hull Rescue Buoy, 2026. Applicants: Dr. Rejeesh C R, Joseph Pappachan, Unnikrishnan S Nair, Adwin Sony, Anand R Nath, Amogh Krishna M P, Arjin Nelliparambil
3. Anoop Sankar, Kurian Antony, Hybrid Artificial Neural Network – Genetic Algorithm Optimization of Laser Melting Parameters for Ti6Al4V, International Conference on Sustainable Development in Renewable Energy and Computing Techniques (ICSRC'26), MBITS, Nellimattom on 6th & 7th March 2026.

CAD Lab Equipped with SOLIDWORKS Education Edition Software

The Department of Mechanical Engineering proudly announces the successful installation and commissioning of the SOLIDWORKS Education Edition (60-User Pack) in its CAD Laboratory. Procured from Conceptia Software Technologies Pvt. Ltd. under a Network Perpetual License supporting up to 60 users, this initiative marks a significant step in strengthening the department's design and engineering capabilities. The advanced software enables hands-on learning and enhances students' exposure to industry-standard tools, effectively bridging the gap between academic concepts and practical application. The facility is now fully operational and available for use by students and faculty for academic, laboratory, and project-based activities.



Decentralized Application development

KBAIC-FISAT (Kerala Blockchain Academy Innovation Club-FISAT) organized a hands-on workshop on Decentralized Application development with Mr. Nikhil V Chandran, Research & Development Engineer, Kerala Blockchain Academy (KBA) as resource person on 5th January 2026. This workshop included practical demonstrations and guided exercises, through which participants have learned how decentralized applications are built, deployed, and tested using modern development tools. Website inauguration of KBAIC-FISAT was also done during the session.



Workshop on 'Introduction to FOSS'

Department of Computer Science and Engineering in association with FISAT Free Software Cell (FFSC) conducted the workshop "Introduction to FOSS" exclusively for first year B.Tech computer science students on 10th Feb, 2026 at CCF Lab. The workshop mainly covered the topics introduction to FOSS, familiarisation with basic linux commands and an introduction to GitHub. During the workshop the participants received valuable insights from Abhijay Prakash and Anirudh Manoj of S8 CSD, the host for the session.



Technical Talk

Department of Computer Science and Engineering in association with FISTAA Alumni Association and ISACA Student Group organised a technical session on 'Cybersecurity and AI: The love-hate relationship, and how to build a career in that space' on 17th Feb, 2026. The resource person was Mr. Anand J, Product Manager, Security Data Insights, Volvo Cars, Sweden(alumnus of CSE Dept).



Workshop on 'From Zero to Repository: Git & GitHub'

The ISTE Student Chapter of FISAT, in association with the Thyra CSE Students Association, successfully organized a two-day workshop titled "From Zero to Repository: Git & GitHub" for S2 Computer Science and Electronics students. The workshop was conducted on 9th March 2026 and 10th March 2026. The sessions were facilitated by Abin Jacob and Amal Karthik A, S8 CSE A students, who guided participants through the fundamentals and practical applications of Git and GitHub. The workshop aimed to equip students with essential version control skills, including repository creation, branching, committing changes, and collaboration using GitHub.



EDGE+ 5.0

EDGE+ 5.0, 5th edition of a 2-day tech fest organized by ACM Student Chapter FISAT was conducted on 6th and 7th March 2026. The fest was inaugurated by Ms. Manju Thomas, Head, Data AI and Retail Maximization Solutions, Litmus7. Three technical workshops on topics, AI Powered UX, Gen AI Paraxis and CLOUDMATRIX and a coding challenge named Stacked were organized.

A national level Hackathon – HackFit 4.0 was also organized in association with FFSC and Fisat Horizon Club that brings together enthusiastic programmers, designers, and innovators who work intensively to develop creative solutions for real-world problems. As a part of this, an intra college cricket tournament, Prof. Anuranj Memorial Trophy was conducted.



MANTRA 2K26

MANTRA 2K26, the Annual CSE Day organized by the THYRA CSE Students Association, was successfully held on 31st March 2026, providing a platform for students to showcase their talents and foster healthy competition. The event featured the Final Year Project Exhibition inaugurated by Dr. Mini P R, along with the recognition of outstanding students through awards such as Best Outgoing Student and Best Academic Performer. Cash prizes and certificates were also distributed to winners of various competitions, celebrating excellence in academics, projects, and extracurricular achievements.



GATE Coaching Programme

The Department of Computer Science and Engineering conducted the GATE Coaching Programme for S6 and S8 CSE & CSD students through both online and offline sessions. The objective of this programme was to help students strengthen their core concepts and perform better in the GATE examination, thereby supporting their aspirations for higher studies, research, and PSU careers.

Student Panel Discussion

Mr. Anuroop P V (S6 CSD) was a panel member for the Student Panel Discussion titled: "Skills That Shape My Future: Voices from Kerala's Students" held on 13th January 2026 at the Adlux International Convention Centre, Angamaly. This session was a part of Kerala's International Conclave on Skills, Engineering, and Technology (ICSET 2026) conducted by ICT Academy.



NPTEL Top Performer

Dr. Hema Krishnan (Associate Professor, CSE) has been recognised as the Top Performing Mentor for the NPTEL course 'Introduction to Machine Learning' offered during July- Dec 2025.



Wipro Certified Faculty certification

Mr. Pankaj Kumar G and Ms. Nithya Paul (Faculty, CSE) earned Wipro Certified Faculty(WCF) certification in Data Science with Python.



GATE 2026 qualified



Six Days FDP on Ethical Governance and Sustainable Economics: Integrating Ethics, Economics and Workplace Communication

The Department of Science and Humanities, Federal Institute of Science and Technology (FISAT) successfully conducted a Six-day Faculty Development Program (FDP) titled "Ethical Governance and Sustainable Economics: Integrating Ethics, Economics and Workplace Communication" from February 23 to February 28, 2026. Around 73 faculties /research scholars participated in the event. The program aimed to provide faculty members with interdisciplinary insights into ethical governance, sustainable economic practices, and the role of effective workplace communication in fostering responsible institutions.



Inter- Departmental Mathematics Quiz Competition for P V Mathew Memorial Ever Rolling Trophy

On February 11, 2026, the Department. of Science & Humanities, in collaboration with the MATHS CLUB FISAT, hosted the Inter-Departmental Mathematics Quiz Competition competing for the P V Mathew Memorial Ever Rolling Trophy. This annual quiz competition serves as a tribute to the legacy of P V Mathew, the visionary Founder Chairman of FISAT. 39 teams from various departments joined the event for a written preliminary round. Followed by that, the top five finalists advanced to a high-stakes oral quiz, moderated by Quiz Master Mr. Sumesh G (Asst. Professor, Senior Grade, Dept. of Science & Humanities). Ahammed Fahin A K & Anshal Shaju (S2 CSE A) emerged as winners. The second and third prizes were secured by Devanand P Shibu & Disalfin K Sunny (S4 ECE A) and Gouthami Vinod & Brigit Babu Pynadath (S4 ECE A), respectively.



INTER-DEPARTMENTAL ESSAY WRITING COMPETITION

Rolling Stone, the Literary Association of FISAT, conducted an Essay Writing Competition on 25/2/2026. The topic was "Comparing the Effectiveness of online vs in-person training". A total of seven students participated. The winners were awarded with cash prize and certificates. The winners are:

First prize (Rs 1500)- Carolin Binoj S2 CSD

Second prize (Rs 1000)- Sooryadath M Oonni S4 MEB



Engineering Membranes for Energy Water Sustainability

The Department of Science and Humanities, in association with the ISTE FISAT Chapter, organized a Technical Talk on "Engineering Membranes for Energy-Water Sustainability" on 5th March 2026. The technical talk was delivered by Dr. Jorphin Joseph, Assistant Professor, Department of Science and Humanities, in which he explained various types of membranes, their role in energy and water sustainability and also fuel cells, hydrogen cells, and methanol-based systems and their importance in engineering applications.



Interdepartmental Debate Competition

The Interdepartmental Debate Competition was conducted on 11/3/2026 in the Library Seminar Hall. Ten teams from various departments participated in the competition. Each team consisted of two members. The topic for the debate was: "Is technology making us more distant than connected to people?".

The winners are: 1. First prize- Disalfin K Sunny (S4 ECE A) and Ann Moni George (S6 ECE A) 2. Second prize-Daniel Geo and Aryan Shibu Thomas (both S6 CSEA).



TEDxFISAT 2026

TEDxFISAT 2026, organized by the Department of Science and Humanities on March 18, 2026, under the theme "Paradox of Choice," featured an engaging and insightful session that explored the complexities of decision-making in today's fast-paced world. Drawing from real-life experiences and practical perspectives, the session emphasized clarity, responsibility, and informed choices, resonating strongly with the audience and emerging as one of the highlights of the event.



Forum 26, the National Level Management Fest

FISAT Business School hosted Forum 26, a national-level management fest on 22–23 January, attracting over 1,000 students from 70+ colleges across India. Inaugurated by actress Bhavana and the team of Anomie, the event featured competitions and networking opportunities. Shivani Jyothi (Indian Maritime University) won Best Manager (₹30,000). Rajagiri College and SCMS topped Marketing, while Thrissur Govt. Medical College won the Business Quiz. CUSAT secured first place in HR, followed by PSG College. With a prize pool of ₹4 lakh, the fest was supported by Federal Bank and 15+ companies..



INTERNATIONAL INDUSTRIAL VISIT–MALAYSIA

The International Industrial Visit (IV) to Malaysia, conducted from 2 to 6 of February, 2026 provided students with valuable global exposure to industry, education, and tourism. A total of 109 students and 4 faculty members participated in the four-day program.

Students visited Universiti Teknologi MARA, gaining insights into international education systems, and Royal Selangor and Beryl's Chocolate Kingdom, where they learned about manufacturing processes and business strategies. Visits to Aquaria KLCC and Genting Highlands offered exposure to tourism management and hospitality operations.



Women's Day Celebrations- Honouring Our Unsung Heroes

As part of International Women's Day, FISAT Business School in association with Kitchen Treasures, and Keerthi Nirmal, organized a special program under its social responsibility initiative on . The event was conducted to honor the cleaning staff—"the unsung heroes" who ensure the cleanliness of the campus.

The event was held in the presence of FISAT Chairman Shri Shimithi P. R., Principal Dr. Jacob Thomas V., Dean Academics Dr. Unni Kartha, FISAT Business School Director Dr. Elizabeth George, Administrative Officer Shri Vinod P. Nair, and Nice Cleaners Proprietor Shri Sino Paul.

Gift kits prepared with the joint support of Kitchen Treasures, Keerthi Nirmal, and the students of FISAT Business School were distributed to the cleaning staff, employed through the outsourced agency Nice Cleaners, during the function. The program concluded by appreciating the dedication and commitment of these employees who play a vital role in the daily functioning of the institution.



Faculty achievement

Dr. Sindhu George of FISAT Business School has co-created a UK-registered design patent, marking a significant achievement in the field of human resource management. The innovation focuses on a cutting-edge computer mapping interface designed to enhance strategic HR planning. Registered with the UK Intellectual Property Office, the design highlights a novel approach to aligning workforce capabilities with organizational goals. This accomplishment reflects FISAT's commitment to research, innovation, and global academic excellence. The breakthrough is expected to contribute meaningfully to modern HR practices by enabling data-driven decision-making and improving efficiency in talent management and organizational development.



Corporate Interaction Sessions

Design Your Professional Character: From Job Seeker to Value Creator

FISAT Business School organized a corporate interaction session on “Design Your Professional Character: From Job Seeker to Value Creator” on 3 March 2026 at the MBA Seminar Hall for second-year MBA students. The session was led by Mr. Mukundakumar K G, Co-Founder & CEO of Bluzee, who shared insights on professional character, personal branding, and cultivating a growth mindset. He highlighted the importance of continuous skill development, innovation, and adaptability in today's dynamic job market. The interactive and engaging session motivated students to adopt a proactive approach and focus on becoming value creators in their professional careers.



E-BAAT Programme on Electronic Banking Awareness

FISAT Business School organized an Electronic Banking Awareness and Training (e-BAAT) programme on 11th March 2026 for first-year MBA students. The session was conducted by Mr. Nipun Chandran V. M., Manager, Reserve Bank of India (RBI), who provided valuable insights into digital payment systems, safe transaction practices, and cyber security awareness. Around 105 students participated in the programme. The session was highly informative and helped enhance students' understanding of financial literacy and secure digital banking practices.



Workshop on “BULLRISERS – Smart Money Moves”

A workshop titled “BULLRISERS – Smart Money Moves” on 4th March 2026 (First Half) at the campus for first-year MBA students. The session was led by Mr. Ankit Mehta, Chief Strategic Officer (CSO), Fintopedia, who provided valuable insights into smart financial decision-making and stock market strategies. The

workshop featured an engaging format including an interview screening, an expert session on smart money management, and an interactive stock market simulation game. Participants gained hands-on experience in market dynamics, and the top three performers were recognized and awarded certificates. The event was well-received and encouraged students to enhance their financial literacy and practical investment skills.



Participation in KMA Annual Management Convention

Faculty and students from FISAT Business School participated in the 43rd Kerala Management Association (KMA) Annual Management Convention held on 15–16 January 2026 at the Grand Hyatt International Convention Centre, Kochi. The convention featured eminent speakers from industry, government, and academia, offering valuable insights and networking opportunities. The participation provided significant academic and professional exposure, enriching the learning experience of both faculty and students.



FDP on “Emerging Trends in Generative and Agentic Artificial Intelligence”

The Department of Computer Applications organized a 6-Day International FDP on “Emerging Trends in Generative and Agentic Artificial Intelligence” from 12th January to 17th January 2026 and the programme was inaugurated by Dr. Renjith Paulose, Principal Engineer at UST Kochi, in the MBA Seminar Hall. The FDP featured expert sessions on advanced topics such as Generative AI, Transformers, Retrieval-Augmented Generation, Prompt Engineering, Agentic AI, and Responsible AI.



Achievement

Two research works by Ms. Joice T., Assistant Professor (Special Grade), have been filed for patents on 30 January 2026. The first invention is titled 'Federated DDoS Attack Detection in Home Networks Using Power Consumption' and the second is titled 'IoT and Machine Learning System for Canine Health, Fertility Prediction, and Behavioural Monitoring', highlighting her significant contributions to the field of applied research and innovation.



TechShare: AI Unplugged (Understanding AI Beyond the Hype)

The Department of Computer Applications has organized a knowledge-sharing initiative titled "TechShare – AI Unplugged (Understanding AI Beyond the Hype)" for school students. The program was conducted by MCA 2024-2026 B Batch students at Government Higher Secondary School, Mookkannoor on 10th February 2026 from 10 AM to 12 PM.



Strategic Global Partnership Between FISAT Engineering College and Arab Open University, Oman

FISAT Engineering College, Angamaly, and the Arab Open University (AOU), Oman, formalized a strategic partnership through a Memorandum of Understanding (MoU) signed by their respective academic leaders on 11th February 2026. The agreement focuses on enhancing international collaboration through student and faculty twinning programmes, joint research projects, faculty development initiatives, and shared academic resources. To initiate the partnership, a delegation of eight students and two faculty members from Muscat visited the FISAT campus, engaging in academic interaction activities. The initiative was organized under the leadership of the Department of Computer Applications, FISAT. This collaboration marks a significant step toward strengthening global academic engagement and fostering interdisciplinary learning between the two institutions.



Invited Talks

Invited talks were organized under FIESTA, the Department Association, on 11th February 2026 at the Library Seminar Hall, featuring two resource persons from Arab Open University. Dr. Shrimon P. C. delivered a session on "Introduction to Research: A Beginner's Journey," while Dr. Nasser Ali Musalhi presented "From Final Project to First Research Article." The session was attended by students from the MCA2025-2027 batch. The talks provided valuable insights into research fundamentals and academic publishing. The programmes were coordinated by Dr. Santhosh Kottam (Professor, MCA), Ms. Joice T (Asst. Professor, MCA), and Ms. Sona Mary Louis (Asst. Professor, MCA).



Book Cover Redesign Competition

The Department of Computer Applications, in association with the NDLI Club, organized a Book Cover Redesign Competition on 19 February 2026 at 2:00 PM in L6 LAB. The event was coordinated by Dr. Shidha M. V, Assistant Professor. Participants redesigned the cover of the English novel 'The Alchemist' by Paulo Coelho, utilizing digital tools and innovative design concepts. The winners of the competition were Nandana Subash (First Position, S4 MCA2024-2026B Batch) and Aakash George Alex (Second Position, S2 IMCA2025-2030 Batch) and were awarded cash prizes of ₹750 and ₹500, respectively.



IgniteX 2026 by Centre for Future Skills

Benn Mathew Bobby, Anand B, and Sherwin Jerry of S2 IMCA2025-2030 Batch secured first position in the IoT track, while Niranjana S K, Nershel Nelson, and Joshua Thariath of the same batch secured first position in the Web Design track at IgniteX 2026, organized by Centre for Future Skills on 20th February 2026. Ayyappahari P, R, Sivani R Anil, Sumedha C P, Annet Paul T of S2 MCA2025-2027 Batch secured first position in the Digital Marketing Track.



Industry Readiness Training Programme

As part of the Industry Readiness Training Programme, the Department of Computer Applications organized an invited talk on "Career Readiness in the AI Era" on 20th February 2026 for S2 MCA2025-2027 Batch students. He shared his valuable insights into the evolving landscape of Artificial Intelligence and its impact on career opportunities and emphasized the need for a positive mindset, continuous skill development and maintaining professional platforms like GitHub and LinkedIn for effective placement preparation.



Hackathon held at Muthoot Institute of Technology and Science

Benn Mathew Bobby, Niranjana S K, and Sherwin Jerry of S2 IMCA2025-2030 Batch secured First Prize with a cash award of ₹15,000 at the InnovateX 2.0 Hackathon held at Muthoot Institute of Technology and Science.



KTU Annual Athletic Meet Winners

Mr. Basil Paul, S2 IMCA, secured the Bronze Medal in Shot Put and Ms. Rona M. Rigy, S2 IMCA2025-2030, secured the Bronze Medal in 4×400m relay at the KTU Athletic Meet held at Chandrashekar Nair Stadium, organized under APJ Abdul Kalam Technological University.



Mr. Basil Paul



Ms. Rona M. Rigy

TechTalk on P-Hacking

The FISAT ACMW Student Chapter organized a TechTalk on "P-Hacking" on 5th March 2026, delivered by Annet Paul T, S2 MCA2025-2027 Batch, highlighting the ethical concerns and misuse of statistical analysis in research.



Hackathon at FISAT

Anand B, Abhinav Jayakumar, Benn Mathew Bobby, Bhavik Saj Krishna, and Nershel Nelson Ittikunnath of S2 IMCA2025-2030 Batch secured the third prize, along with a cash award of ₹10,000, at the Hackfit 4.0 Hackathon organized by the CSE Department of FISAT, held from March 6 to 8.



Women's Day Celebration

The FISAT ACM-W Student Chapter celebrated International Women's Day on 10th March 2026 by honouring lady faculty members with handmade cards and chocolates as a gesture of appreciation. The event featured cultural programs and fun competitions, making it a joyful and memorable experience for everyone.

SCIENTIA2K26

The Association of the Department of Computer Applications, Fiesta, conducted Scientia 2K26, a paper presentation contest, on March 12, 2026. The event witnessed enthusiastic participation from 11 contestants from MCA and IMCA batches. The presentations were evaluated by judges from the Department of Computer Science and Engineering. The program was efficiently coordinated by Ms. Joice T (Asst. Professor, MCA) and Ms. Sona Mary Louis (Asst. Professor, MCA).



Hackathon at SCMS School of Technology and Management

Anand B, Bhavik Saj Krishna, Benn Mathew Bobby & Niranjan S K of S2 IMCA2025-2030 Batch secured 3rd Prize with a Cash Award of ₹5000/- in Sinova 26, a 24 Hour National Level Hackathon organized by SCMS School of Technology and Management, Kochi on 17/03/26 and 18/03/26.



TECXELL'26 held at Muthoot Institute of Technology and Science

Varsha Johnson (S2 MCA2025-2027 Batch) secured first prize, and Aswathy G. R. (S2 MCA2025-2027 Batch) secured second prize in Poster Designing Competition at TECXELL '26, organized by the Department of Computer Applications, Muthoot Institute of Technology and Science, on 18 March 2026.



Varsha Johnson



Aswathy G. R

Project EVO2K26

The Project Exhibition Contest for the S4 MCA 2024 batch was conducted on 26th March 2026. A total of 11 participants were selected from the main projects, and they exhibited their project work during the event. The students who secured the first and second positions were recognized and awarded for their outstanding performance. This event was coordinated by FIESTA, the department association, by Ms. Joice T (Assistant Professor, MCA) and Ms. Sona Mary Louis (Assistant Professor, MCA).



AlgoRhythm 2K26

AlgoRhythm 2K26, the techno-cultural fest of the Department of Computer Applications, was conducted on March 27th and 28th, to showcase talents, creativity, and technical skills of MCA and IMCA students. The event was inaugurated by Mr. Rajeev Srinivas, Region Head (Academic Alliances Group, Kerala) and the event was coordinated by Ms. Joice T (Asst. Professor), Ms. Sona Mary Louis (Asst. Professor), and Dr. Santhosh Kottam (Professor).



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