



THE FISATian HERALD

VOL 15 | APR - MAY 2026



Our Vision

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.

Our Mission

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.

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

FISAT Summer Tech Camp 2026

FISAT Summer Tech Camp 2026, organized by the Department of ECE, FISAT in association with Inker Robotics, on 4th to 8th May 2026 successfully introduced school students to robotics, coding, electronics, and AI through hands-on learning activities. The five-day camp enhanced participants' technical knowledge, creativity, teamwork, and presentation skills, concluding with project presentations and certificate distribution. This was coordinated by Mr. Anoop E G Assistant Professor Senior grade Department of ECE FISAT.



ICACA 2026

The Department of Computer Applications organized the International Conference on Advancements in Computer Applications (ICACA 2026) on 22nd and 23rd April 2026 in hybrid mode, providing a global platform for researchers, academicians, industry experts, and students. The conference was organized by Dr. Sujesh P. Lal, Associate Professor, and Dr. Rose Mary Mathew, Assistant Professor (Senior Grade). The inaugural keynote address was delivered by Dr. Ragesh G. K., Associate Dean, IIIT Kottayam, who highlighted emerging technologies, industry-academia collaboration, and research opportunities in advanced computing.



Faculty Development Programme

The Department of Computer Science and Engineering organized a six-day National Level Faculty Development Programme (FDP) on “Generative AI and Building LLM” from 27th April to 2nd May 2026 in hybrid mode. The programme covered a wide range of topics, including: Diving to GenAI: From AI to GenAI through Deep Learning, Generative AI Models for Image Analytics: Autoencoders and GANs, Transformers: BERT, GPT and Large Language Models, Domain Adaptation: Fine-Tuning and Prompt Engineering, LLM Workflows and Retrieval-Augmented Generation (RAG) Pipeline, Vision Transformers and Vision Language Models, Diffusion Models and their applications.



BOOTCAMP

The Future Innovators Bootcamp was a three-day intensive workshop designed for school students, primarily from grades 10 to 12. The program aimed to bridge the gap between theoretical science and practical technical application through a "learning by doing" approach. Participants were exposed to advanced manufacturing technologies, innovation frameworks, and hands-on prototyping.



Ms. Sona Mary Louis, Asst. Professor (Special Grade), Department of Computer Applications, has successfully completed the NPTEL certification course on Foundations of Deep Learning: Concepts and Applications conducted during the period Jan–Apr 2026, achieving Elite with a score of 75%.



Ms. Joice T, Asst. Professor (Special Grade), Department of Computer Applications, has successfully completed the NPTEL certification course on Computer Networks and Internet Protocol conducted during the period Jan–Apr 2026, achieving Elite.



Ms. Joice T, Assistant Professor (Special Grade), Department of Computer Applications has made a noteworthy academic contribution by authoring a book chapter titled "IoT Data and Knowledge Management – Stream Processing in IoT" in the book Synergy of Science and Technology (ISBN: 978-93-5627216-3).

Reviewer for the Fourth International Conference on Computing, Communication, Security and Intelligent Systems (IC3SIS'26) technically co-sponsored by IEEE Kerala Section and organized by the Department of Computer Science and Engineering & Department of Artificial Intelligence and Data Science from 28th – 30th May 2026.

Two days National Conference on Sustainable Futures : Integrating Technology, Environment and Society

The ISTE FISAT Chapter has organized a two-day National Conference on "Sustainable Futures: Integrating Technology, Environment and Society" on 16 and 17 April 2026. The conference was inaugurated by Er. Anish Mathews, Assistant Vice President & Head – Strategy, V-Guard Industries Ltd., and presided over by Mr. Shimith P.R., Chairman, FISAT. The inaugural function was attended by the Principal Dr. Jacob Thomas V, Vice Principal Dr. Mini P.R., Dean (Academics) Dr. Unni Kartha G, ISTE office bearers, Heads of Departments, faculty members, paper presenters, and students.

The conference was conducted in hybrid mode and featured 43 paper presentations, including 15 offline and 28 online presentations, organized across five parallel technical sessions. A total of 22 faculty members served as session chairs. The conference provided a platform for researchers, academicians, industry professionals, and students to discuss sustainable solutions through the integration of technology, environment, and society.

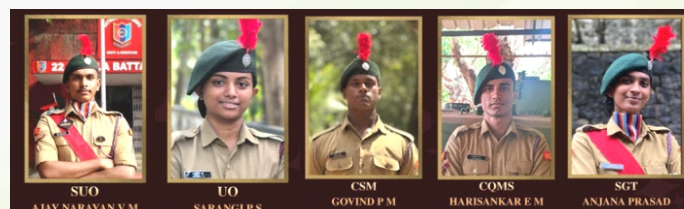


FISAT NCC Ranks Announced

The National Cadet Corps (NCC) unit of Federal Institute of Science and Technology (FISAT) has announced the cadet rank appointments for the academic year 2026–27. The ranks were awarded based on discipline, leadership qualities, parade attendance, camp participation, drill proficiency, organizational skills, and overall commitment to NCC activities.

The appointments followed a comprehensive evaluation of cadets' performance and contributions during the previous training year. The selected rank holders demonstrated excellence in leadership, teamwork, and service, and will assume key responsibilities in coordinating NCC activities, mentoring junior cadets, and upholding the values of discipline, unity, and service.

NCC officials congratulated the rank holders and appreciated the efforts of all cadets who actively participated in training programs, camps, and community service initiatives.



FISAT NCC Cadets 10-Day Training Camp

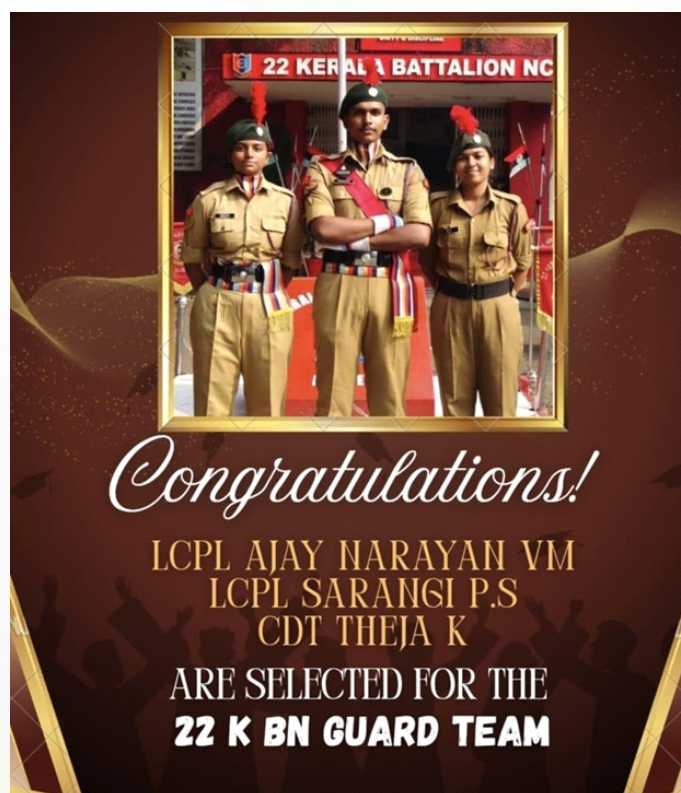
Sixteen NCC cadets from the Federal Institute of Science and Technology (FISAT) successfully completed the 10-day Annual Training Camp (ATC) held at BSOLS, Choondy, Aluva from 19th - 29th May 2026. The camp provided intensive training in drill, weapon handling, physical fitness, map reading, field craft, leadership, and national integration, along with competitions and cultural programs. The cadets demonstrated outstanding discipline, dedication, and teamwork throughout the camp, bringing recognition to FISAT. The college management, NCC officers, and faculty congratulated the cadets on their achievement and appreciated their commitment to the values of discipline, service, and leadership promoted by the NCC. The camp served as a valuable platform for developing essential life skills and leadership qualities.



Two days National Conference on Sustainable Futures : Integrating Technology, Environment and Society

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World No Tobacco Day Awareness Programme – 31 May 2026

On 31 May 2026, the NCC Unit organized an awareness programme in observance of World No Tobacco Day to educate cadets about the harmful effects of tobacco use and the importance of a healthy lifestyle. An awareness session highlighted the health and social risks associated with tobacco consumption and emphasized the need to prevent tobacco addiction among youth. As part of the programme, NCC cadets took a pledge to stay away from tobacco products and promote a tobacco-free environment. The initiative reinforced the values of self-discipline, responsibility, and social commitment among the cadets.



Celestia'26

The ACM Student Chapter FISAT, in association with THYRA, successfully conducted Celestia'26, an Intercollegiate Technical Quiz Competition, as part of MANTRA'26 on 31st March 2026 at the Main Seminar Hall, FISAT. Participants competed in teams of two and demonstrated their technical knowledge, analytical thinking, and problem-solving abilities through multiple rounds of challenging questions. The winners were awarded cash prizes, with Neeraj Suresh and Sooraj C.R of S8 CSE C won the first prize and the second prize winners were Fathin Mohamed and Georgin Somichan of S6 CSE B.



Vridhi Programme

Parvathy Shyju and Anitta Baiju (S4 CSE) received certificates from the U.S. Consulate for winning the Vridhi Programme held in Chennai on 20th April, 2026; the Vridhi Programme is an initiative of TVS Group, the industrial partner of PALS.



IV to IGBC Headquarters, Hyderabad

Students of S1 SECM(2025 admission) visited the Indian Green Building Council (IGBC) Headquarters, Hyderabad, under the IGBC Student Chapter activities at FISAT. The visit provided valuable insights into sustainable construction practices and energy-efficient building design implemented at the IGBC headquarters.



Industrial Visit to Advenser

A team of faculty members and third-year B.Tech students from the Department of Civil Engineering visited Advenser Academy and Advenser Engineering Services Pvt. Ltd., Kochi, on 30 March 2026. The visit provided valuable exposure to real-world BIM applications, industry workflows, advanced software tools, and career opportunities, helping bridge the gap between academic learning and professional practice.



IEI Fellow membership to Dr. Kavitha P. E

Dr. Kavitha P. E., Professor and Head, Department of Civil Engineering, has been conferred the prestigious Fellow membership of the Institution of Engineers (India). This recognition honours her significant professional achievements, contributions to the engineering profession, and dedicated service to the Institution.



Ecoswap: A Green Initiative

The IGBC Student Chapter of the Department of Civil Engineering organised Ecoswap on 1 April 2026, marking the department's first sustainability-focused plant exchange programme. The event brought together students and faculty members to exchange ornamental, medicinal, and indoor plants, promoting environmental awareness, sustainable practices, and a shared commitment to a greener future.



Laurels: Celebrating Academic Excellence

The Department of Civil Engineering organised Laurels on 1 April 2026 to recognise students who secured an SGPA above 8 and an S grade in the recently announced University examinations. As a first-of-its-kind initiative in the department, the event honoured the achievers with a small token of appreciation, celebrating their academic excellence and inspiring others to strive for success.



Industry Internship Excellence

Aengel Maria Yeldho (S4 M.Tech, 2024 admn) successfully completed an industry-supported research internship at RWDI, where she developed a CFD model using OpenFOAM for turbulence model evaluation. In recognition of her excellent performance, RWDI has extended her internship by six months.



NCC Achievement

Sarangi P. S. (S4 CEB, 2024 Admission) has earned the prestigious Squad Senior Recognition at the NCC Annual Training Camp held at BSOLS, Choondy.



Faculty Achievements in NPTEL Examinations

1. Dr. Beena B. R. secured Elite + Topper Certification in Design of Structural Systems offered by IIT Kharagpur and Elite Certification in Maintenance and Repair of Concrete Structures offered by IIT Madras.
2. Ms. Reshma Prasad achieved Elite+ Silver Certifications in Matlab Programming for Numerical Computation offered by IIT Madras and Seismic Design of Building Structures offered by IIT (BHU) Varanasi and Elite Certification Nonlinear Structural Analysis: Theory and Applications offered by IIT Kanpur.
3. Ms. Rajalakshmi T. R. earned an Elite Certification in Machine Learning for Engineering and Science Applications offered by IIT Madras.
4. Ms. Anna Rose Varghese successfully completed the NPTEL course Strategies for Sustainable Design offered by IIT Hyderabad and earned the NPTEL Certification.

Internal Research Cell ECE

As part of the activities of the Internal Research Cell of the Department of Electronics and Communication Engineering (IRCECE), FISAT, a session on "Introduction to Deep Learning Using HDL" was conducted for S6 ECE students on 1 April 2026.

The session was delivered by Ms. Vinitha V., Ms. Sreelekshmi S., and Ms. Bini V.K., assistant professors of ECE. The event was coordinated by Dr. Ambili A. R., Assistant Professor (Senior Grade), ECE, and Ms. Jeslin P. Jo, Assistant Professor, ECE.



Circuit to System: Hands on Electronics and Embedded Design Internship

A two-week internship programme titled "Circuit to System" is being conducted for second- and third-year Electronics and Communication Engineering students from 29 May 2026 onwards. The programme has been designed as a GATE oriented training initiative aimed at strengthening students' conceptual understanding of core ECE subjects while providing practical exposure through hardware-based hands-on sessions.

ECE Faculty Achievements

- ◆ Ms. Christy Jose completed a 12 week NPTEL online course, Deep Learning which is an AICTE approved FDP offered by IIT Kharagpur during January - April 2026 with Elite certification.
- ◆ Mr. Anoop E G completed a 12 week NPTEL online course, Microprocessor and Microcontroller which is offered by IIT Kharagpur during January - April 2026.
- ◆ Ms. Deepa N R completed a 12 week NPTEL online course, Microprocessor and Microcontroller which is offered by IIT Kharagpur during January - April 2026 with Elite Silver Certification.
- ◆ Ms. Deepa N R completed a 12 week NPTEL online course, VLSI PHYSICAL DESIGN which is an AICTE approved FDP offered by IIT Kharagpur during January - April 2026 with ELITE Certification.
- ◆ Ms. Deepa N R Secured NPTEL Star - NPTEL Disciplines Computer Science and Electrical Engineering
- ◆ Ms. Nimmy M Philip completed a 8 week NPTEL online course, CMOS DIGITAL VLSI DESIGN which is an AICTE approved FDP offered by IIT Roorkee during January - April 2026 with Silver Certification AND TOP 5%.

- ◆ Dr. Ambili A. R. successfully defended her thesis titled "Enhancing Spoken Language Identification Systems in Indian Languages Using Transfer Learning Approaches and Multi-Task Learning Strategies" on 21 April 2026.

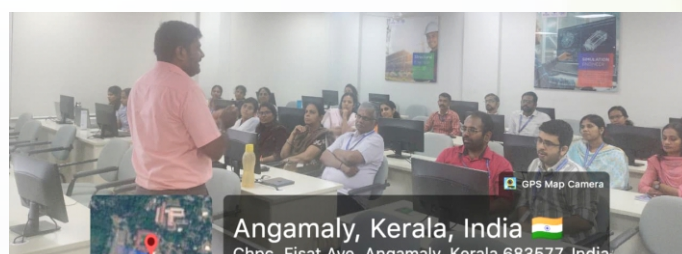


- ◆ Dr. Ambili A. R. and Dr. R. Cherian Roy have published their research article titled "Enhancing Spoken Language Identification on Indian Languages with Orthogonal Task and Related Task Integration: Unveiling New Dimensions of Accuracy" in the International Journal of Speech Technology, a Springer Nature journal indexed in Scopus (Q1).
- ◆ Dr. Ambili A. R. served as a Session Chair for the Two-Day National Conference on Sustainable Futures: Integrating Technology, Environment and Society, organized by the ISTE FISAT Chapter.
- ◆ Dr. Ambili A. R. attended a One Day National Conclave organised by FISAT in collaboration with PDEU, Ahmedabad on 24 April 2026.

- ◆ Dr. Ambili A. R. completed the FDP on six day Next-GEN VLSI Design organised by "EthnoTech Academy, Bangalore" held from 4 th May 2026 to 9 th May 2026 in association with Dept. of ECE, FISAT.
- ◆ Dr. Ambili A. R. and Vinitha V served as the Subject Mentor for the session on "Solid State Devices" under the programme "Circuit to Systems", organized by the Department of Electronics and Communication Engineering (ECE) on 2/5/2026
- ◆ The research paper by Dr. Ambili A. R. titled "An Embedded-Supported Solution for Offensive Malayalam Spoken Language Detection" has been accepted for presentation and publication at the IEEE International Conference on Innovations in Engineering and Technology (ICIET 2026).

FDP- NEXT GEN VLSI DESIGN

The Department of Electronics and Communication Engineering (ECE), in association with CFS FISAT and Ethnotech Academy, successfully organized a six-day Faculty Development Program (FDP) on "Next Gen VLSI Design" from 4–9 May 2026, attended by 24 faculty members. Led by Prof. Dr. S. Rajkumar (FIETE), the program featured expert lectures and hands-on training in VLSI design, FPGA-based system development, embedded systems, and Edge AI, enhancing participants' technical and practical expertise. The FDP was coordinated by Dr. Deepa Mary Mathews (Associate Professor, Department of Computer Applications), Ms. Nimmy M. Philip (Assistant Professor, Senior Grade, ECE), and Ms. Nisha R. (Assistant Professor, Special Grade, ECE)



ECE Students achievements

- ◆ Neena K. A., Crispin Paul, Aman Martin, Adil Abu, Dhanya S., and Christy Jose presented the paper titled "Haptic-Aware Smart Riding Gear: An IoT-Based Riding Safety System for Deaf Motorcyclists" at ICIDSSD 2026, organized by the Department of Computer Science & Engineering, School of Engineering Sciences & Technology, Jamia Hamdard, New Delhi.
- ◆ Aashlyn Joe, Adithya K. Rajan, Devika S. Menon, Aida P. Shaju, and Dr. Ambili A. R. had their research paper titled "Harnessing XLSR for Spoken Language Identification in Indian Languages" accepted for publication.
- ◆ Mohith P., Jinan T., Minha Arif P. A., Nandhana Johnson, and Ms. Ambili A. R. had their research paper titled "Enhancing Fall Detection Accuracy Using Fine-Tuned Pretrained Models and Data Resampling Techniques" accepted for presentation and publication at ICIMREB 2026.

Scholarly Publications

- ◆ “Co-ordinated power management in a grid-tied hybrid PV - fuel cell system for smart EV charging”, Anagha Siju, Ananya Babu, Jerald George, Eric Jude D'Cruz, Dr. Surya Susan Alex, presented in the National Conference on Sustainable Futures: Integrating Technology, Environment and Society organised by ISTE FISAT chapter on 16th and 17th April, 2026 and published in Journal of Applied Science, Engineering, Technology and Management.
- ◆ “Aqua Sense: IoT-based smart water metering with water quality monitoring and predictive analytics”, Sruthi Sreeni, Ridha Ayisha T, Emil Mohan, Sumal Krishna C M, Surumi Hassainar, presented in the National Conference on Sustainable Futures: Integrating Technology, Environment and Society organised by ISTE FISAT chapter on 16th and 17th April, 2026 and published in Journal of Applied Science, Engineering, Technology and Management.
- ◆ “Automated gas leak detection and response system for CNG vehicles”, Alan Joseph, Bijith T Biju, Elvis John Benny, Steena Sebastian, Dr. Archana R., presented in the National Conference on Sustainable Futures: Integrating Technology, Environment and Society organised by ISTE FISAT chapter on 16th and 17th April, 2026 and published in Journal of Applied Science, Engineering, Technology and Management.
- ◆ “RF, Bluetooth and GSM enabled fire fighting robot”, Preethi Johnson, Snehal Sugunan, Manikandan E., Nidhil P, Dr. Surya Natarajan, presented in the Student Paper contest organised by Carmel College of Engineering and Technology in March 2026 and published in IEEE CCET SPC'26 proceedings

Innovation milestones

Dr. Surya Natarajan, Assistant Professor, Department of EEE, has published a patent titled "Level Extendable Self-Balanced Switched-Capacitor Converter Based Single Phase Multilevel Inverter" through the IPR Cell of FISAT.



Patent

The patent for "HYDRAPURE - Smart Portable Filter Bottle," developed by the students of S8 EEE, has been officially published through the institution's IP Cell, marking a significant innovation in portable water purification technology. The team consists of S8 EEE (2022 Admission) students Ms. Anna Shijo, Mr. Mohammed Shareef, Mr. Appu Anilkumar, Mr. Abhay Sajesh and Dr. Rinku Scaria, Assistant Professor, Dept. of EEE.



Global Recognition for FISAT EEE Student

Mohammed Mohsin of S4 EEE (2024 Admission) achieved global recognition by securing a place among the Top 3 winners at the OpenAI Codex Hackathon. This innovative AI-based solution for coconut quality grading and water-level detection earned him \$5,000 in credits along with a one-year ChatGPT Plus subscription.



Industrial Training Programme (ITP) @ international Automobile Center of Excellence, Gandhinagar, Gujarat.

Daveed Joyel, Tom Biju Mathew, Sayanth S, Navaneeth P Nair, Abhinav S K, Stefan Abraham of S4 EEE, 2024 Admission batch were part of the team who attended the five day industrial internship at international Automobile Center of Excellence at PDEU, Gandhinagar, Gujarat which is India's premier automotive training institute, offering world-class education in automobile engineering and auto technical skills. This is a joint initiative between the Government of Gujarat and Maruti Suzuki India Limited.



Bridging Academia and Industry Through Modern Engineering Tools

The Department of Electrical and Electronics Engineering (EEE), FISAT, organized a technical session on “AI, Electrification & System Engineering” on 24 March 2026 at the Advanced Simulation Lab for faculty members. The session was led by Ms. Tharrini Raj, Customer Success Engineer at MathWorks, who demonstrated the latest features and capabilities of MATLAB Simulink, highlighting their applications in simulation, model-based design, and engineering education. The program provided valuable insights into emerging technologies and enhanced the faculty's ability to effectively integrate modern engineering tools into teaching and student projects.



Faculty excellence in continuous learning

Ms. Soumya Simon, Assistant Professor, Dept. of EEE successfully completed the NPTEL courses on The Joy of Computing with Python with Elite plus Gold certificate and United Nations Sustainable Development Goals with Elite plus Silver Certificate.



Dr. Surya Natarajan successfully completed the NPTEL courses Introduction to Electrical Engineering with Elite plus Silver certificate and Design of Power Converters with Elite certificate



EIE Achievement

- ◆ S4 EiE students Nimil, Navanika, Hashim, Darwin, Nivin and Emil(S6) won 2nd place in the Agri Hack conducted by Jain University, Bangalore. They grabbed a prize money of 50,000/-.



- ◆ Karthik M. D., Leo Denny, Anurag E., and Aaron Varghese Jacob presented their research at the National Conference on 'Sustainable Futures: Integrating Technology, Environment and Society'. The conference was organized by the ISTE Chapter and held on Apr 16, 2026 and Apr 17, 2026, 2026.
- ◆ HRITHIKA HARISH, MUHAMMED IRFAN K U, SAMVRUTHA C, SWATHI K, presented their research at the National Conference on 'Sustainable Futures: Integrating Technology, Environment and Society'. The conference was organized by the ISTE Chapter and held on Apr 16, 2026 and Apr 17, 2026, 202 on "Respiratory Rate Detection From Accelerometer Data Using STFT Analysis" Apr16th, 17th, 2026,
- ◆ SARANG P, NANDANA K, ASWIN SUJESH, P MADHAVAN, presented their research at the National Conference on 'Sustainable Futures: Integrating Technology, Environment and Society'. The conference was organized by the ISTE Chapter and held on Apr 16, 2026 and Apr 17, 2026, 202 on "3-Level Water Filtering and Allocation System" on Apr 16th, 17th
- ◆ AHAMMED JASIR K A, ASIF RAHAN, JOWIN SOJAN, MESHAL AZEEZ presented their research at the National Conference on 'Sustainable Futures: Integrating Technology, Environment and Society'. The conference was organized by the ISTE Chapter and held on Apr 16, 2026 and Apr 17, 2026, 202 on AUTO GUARD: Smart Beetle And Structural Hole Detection System
- ◆ AHAMMED NAJAD T N, ALAN M L, ARYAN CHUKKATH PRATAP, presented their research at the National Conference on 'Sustainable Futures: Integrating Technology, Environment and Society'. The conference was organized by the ISTE Chapter and held on Apr 16, 2026 and Apr 17, 2026, 202 on IoT Based Intravenous Bag Monitoring System with Air Bubble Detection
- ◆ GAUTHAM MAHESH, ALICE JOY, ANUGRAHA C R, MUHAMMED SAHAL, presented their research at the National Conference on 'Sustainable Futures: Integrating Technology, Environment and Society'. The conference was organized by the ISTE Chapter and held on Apr 16, 2026 and Apr 17, 2026, 202 on "Smart Gate Automation and Security System"
- ◆ AMRITHKRISHNA B, INDRAJITH GOPALAKRISHNAN, MEGHA P, SEBASTIAN ARPPATHANATH, presented their research at the National Conference on 'Sustainable Futures: Integrating Technology, Environment and Society'. The conference was organized by the ISTE Chapter and held on Apr 16, 2026 and Apr 17, 2026, 202 on "Intelligent Occupancy-Based Light And Fan Control System.
- ◆ ANJALY KRISHNA, GOPIKA M, NIBHA PRASAD, SANIYA THANKACHAN, presented their research at the National Conference on 'Sustainable Futures: Integrating

Technology, Environment and Society'. The conference was organized by the ISTE Chapter and held on Apr 16, 2026 and Apr 17, 2026, 202 on Warehouse Fault Detection Robot

- ◆ DEVIKA RAJEEV, DULFUKKAR ALI P B, HAREESH S NAIR, VYDHEHY T M, presented their research at the National Conference on 'Sustainable Futures: Integrating Technology, Environment and Society'. The conference was organized by the ISTE Chapter and held on Apr 16, 2026 and Apr 17, 2026, 202 on CART LINK: Smart Human-Following Shopping Trolley with Automated RFID Billing System
- ◆ JOE EMMANUEL SAJU, SREENANDHAN P S, SREYA AJAY K P, VISHNU RANJITH, presented their research at the National Conference on 'Sustainable Futures: Integrating Technology, Environment and Society'. The conference was organized by the ISTE Chapter and held on Apr 16, 2026 and Apr 17, 2026, 202 on Real Time Energy Monitoring System(RTEMS)

FDP on ANSYS Simulation

The Department of Mechanical Engineering, in association with the Centre for Future Skills (CFS) at FISAT, has organised a six-day offline Faculty Development Programme (FDP) on ANSYS Simulation from 4 May to 9 May 2026 at the Microsoft Lab, CFS-FISAT. The programme was organised in collaboration with Ethnotech Academy and aimed at equipping faculty members, researchers, and postgraduate students with hands-on expertise in ANSYS simulation tools.



Technical Talk: Solar PV Design - Theory to Practice

The Department of Mechanical Engineering, Federal Institute of Science and Technology (FISAT), organised a technical talk titled Solar PV Design: Theory to Practice on 10 April 2026 at 2:00 PM in the Seminar Hall. The session was delivered by Roshan Ajit (M.Tech Renewable Energy 2022-24 batch), PV and BESS Design Engineer at 4Solar Global, Bengaluru.



Entrepreneurship Talk: From Idea to Startup

The Entrepreneurship Talk: From Idea to Startup, held on 10 April 2026 at 3:00 PM in the Seminar Hall, FISAT, proved to be an inspiring and insightful session for aspiring entrepreneurs. Organised by the Department of Mechanical Engineering, Federal Institute of Science and Technology (FISAT), the event featured Praphul S Warriar, Founder & CEO, and John Santhosh, Co-Founder & CMO, of CadXStudio—a FISAT alumni startup.

The speakers shared their journey from ideation to the establishment of a successful venture, offering practical guidance on overcoming challenges, securing resources, and scaling a startup. The session not only motivated students to pursue innovation and entrepreneurship but also strengthened the connection between alumni and the institution. Overall, the talk was highly engaging and left the audience with actionable insights to transform ideas into viable startups.



Pravega 2026 - Project Expo

Pravega 2026, the Project Expo organised by the Department of Mechanical Engineering, Federal Institute of Science and Technology, was held on 6th April 2026 from 12:30 pm to 2:00 pm in the Auditorium. The expo served as a platform for final-year and pre-final-year students to showcase their innovative design and fabrication projects, research prototypes, and working models across domains like thermal, design, manufacturing, and renewable energy.



Best outgoing student awards 2026



Akshay Raj of ME A 2022-26 batch, receiving the best outgoing student award.



Karthik Sathish of ME B 2022-26 batch, receiving the best performer award

Recipients of ASME Foundation Scholarship 2026

In a proud moment for the ASME FISAT Chapter, three students from the Department of Mechanical Engineering have been awarded the prestigious ASME Foundation Scholarship for 2026. Jishnu S. Nambisan, Nadana Pradeep, and Pulappadi Aswathi were selected for this international recognition based on their academic excellence, dedication to the field of mechanical engineering, and active involvement in professional and community-oriented initiatives. Each recipient was awarded a scholarship grant of \$1,500 to support their academic pursuits and professional development.



SAEISS Bicycle Design Challenge

Students of the department of Mechanical Engineering, Team FRC Vortex, secured the Second Prize for their presentation at the 8th SAEISS Bicycle Design Challenge (BDC) 2025–26, held at TKM College of Engineering and Technology, Kollam, on 11–12 April 2026. The achievement highlights the team's innovation, technical excellence, and commitment to engineering design.



SAE India National Competition

FISAT students Mohamed Rayiz, Thara Varghese, and Yedhu Krishna have brought laurels to the institution by securing Second Prize in the SAE India National-Level Design Event – Bridge Building League (BBL). The competition was held at M.A. College of Engineering, Kothamangalam, on 14 March 2026.

NPTEL Course Completion

Dr. Harish T M of the Department of Mechanical Engineering, Federal Institute of Science and Technology, successfully completed the NPTEL course Manufacturing Process Technology I & II with certification. The 12-week course was conducted by the Indian Institute of Technology Kanpur during the Jan-Apr 2026 session. He also successfully mentored 21 students for the same course



ADIEU - Staff Retired on 31 May 2026



Scholarly Publications

Dr. Harish T. M., Ajin Mathew, Abhishek A. S., Adithya Krishnan S., and Aisal Saju presented and published the paper titled “Interface Characterization and Performance Assessment of Functionally Graded Inconel X-750/SS 309 Structures Fabricated by Wire Arc Additive Manufacturing” at the 2nd International Conference on Recent Trends in Materials Science & Mechanical Engineering (ICRMSME 2026) held at St. Joseph's Institute of Technology, Chennai, on 9–10 April 2026.

