



ELECTRONICA

Vol : 10, 2025 Annual Newsletter



Electronics and Communication Engineering
Federal Institute of Science And Technology (FISAT)[®]
(AUTONOMOUS)



About us...

The Department of Electronics and Communication Engineering was established at the inception of the institute in 2002. Since its founding, the department has been committed to academic excellence, supported by a team of well-qualified, experienced, and dedicated faculty members. The department strives to impart strong foundational knowledge while fostering awareness of the latest advancements and emerging trends in the field of Electronics and Communication Engineering.

The department is equipped with state-of-the-art laboratories that provide students with a robust foundation in practical knowledge, complementing their theoretical learning. These facilities not only support curriculum-based experiments but also encourage students to explore innovative ideas in research and development. The laboratories are well-established in key areas such as Electronic Devices and Circuits, Linear and Digital Integrated Circuits, Microprocessors and Microcontrollers, Software-Defined Radio (SDR), Digital Signal Processing, Microwave Engineering, Optical Communication, and Antenna Design. To facilitate advanced simulation and design work, the labs are outfitted with industry-standard software tools including SCILAB, CADENCE Design Suite, ANSOFT,

SPICE Tools, Xilinx ISE, VIVADO, GNU Radio Companion, and MATLAB. Additionally, all classrooms are equipped with modern audio-visual teaching aids to enhance the effectiveness of the teaching-learning process.

The Department has consistently demonstrated academic excellence, with students achieving outstanding results in university examinations. It also boasts a strong placement record, with graduates securing positions in reputed organizations. Students have received competitive offers from leading companies such as Robert Bosch, DCT, VVDN Technologies, TCS, UST Global, IBS, RMESI, CoreEL, Speridian Technologies, Tata Elxsi, Kalki Tech, Procsys, and others, reflecting the department's commitment to producing industry-ready professionals.

To bridge the gap between academia and industry, the department regularly invites experts from leading organizations to deliver guest lectures and technical demonstrations on recent advancements in the field of Electronics and Communication Engineering. In addition, students gain valuable industry exposure through organized industrial visits and hands-on training sessions. They undergo industrial training at reputed establishments such as BSNL,

Keltron, FACT, CIAL, Air India, OEN, and Tata Communications, which enhances their practical understanding and prepares them for real-world engineering challenges.

As part of the Faculty Development Program (FDP), the department actively encourages its faculty members to participate in seminars, workshops, and training programs across various domains of Electronics and Communication Engineering, thereby fostering continuous professional growth and academic enrichment. The department also organizes a wide range of co-curricular and extracurricular activities for students, including conferences, workshops, technical quizzes, project exhibitions, design contests, paper presentations, and personality development programs, aimed at enhancing technical competence, creativity, and soft skills.

Our VISION

To emerge as a centre of excellence in Electronics and Communication Engineering churning out informed, innovative, socially committed and quality conscious engineers for the society.

Our MISSION

Foster an environment for multifaceted education rooted in science and contemporary technology

Facilitate quality research and development leading to innovations in the field of Electronics and Communication Engineering

Develop competent young engineers to complement the virtues of the society

PROGRAM SPECIFIC OUTCOMES

After the successful completion of the course, students of the Electronics and Communication Engineering Program will have:

The ability to apply the fundamental knowledge of Electronics and Communication Engineering to analyze, design and develop various types of electronic systems.

Competence in using modern hardware and software tools for developing solutions to engineering problems.

Excellent adaptability to the changing industrial and real world requirements.

PROGRAM EDUCATIONAL OBJECTIVES

Graduates of the program will have the technical expertise to analyze and design hardware and software components of electronic systems, benefiting industry and society.

Graduates of the program will be able to exhibit excellence in the field of Electronics and Communication Engineering and contribute significantly in research and development, enterprise and leadership.

Graduates of the program will be successful, ethically driven professionals with a passion for continuous learning.

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Message...

Mr. Shimith P R, Chairman



An exceptional progression, asserting its strength with unwavering zeal adding to the ever-growing fame of FISAT—this best captures the remarkable performance of the Department of Electronics and Communication Engineering. The unwavering commitment and strenuous efforts of the faculty team are evident in every sphere - academic, co-curricular and beyond, forming the cornerstone of the department's rising eminence.

Impressive placement records, outstanding academic achievements, and technically competitive projects embracing the latest advancements stand as a testament to the department's collective diligence and pursuit of excellence. On the momentous occasion of the release of the 10th volume of the departmental newsletter, Electronica, I extend my heartfelt felicitations to the dedicated team of faculty and students whose efforts have brought this edition to life

Message...

Dr. Jacob Thomas V, Principal



It's a moment of genuine joy and pride to celebrate the release of ELECTRONICA, Volume 10. This edition marks not just a numerical milestone, but a meaningful chapter in the journey of the Department of Electronics and Communication—a journey defined by dedication, discipline, and a spirit of collaboration that truly reflects the essence of FISAT.

With each volume, ELECTRONICA has grown into a vibrant canvas where ideas meet innovation. Volume 10 stands out as a testament to the passion and perseverance of our students and faculty, who consistently push the frontiers of learning in electronics and communication. Their commitment shines through every page.

A heartfelt appreciation to the editorial team and all contributors for shaping this edition with such clarity and care. You have captured the brilliance of our academic community—not just in the technical sphere, but in the values that guide us as educators and learners.

Let ELECTRONICA continue to be a source of inspiration—a mirror that reflects our growth and a lamp that lights the path ahead.

Message...

Dr. Mini P R, Vice Principal

I am very happy that the Department of Electronics and Communication Engineering is bringing out the 10th edition of its newsletter *Electronica* highlighting the activities and achievements of the students and staff of the department. I congratulate the department and the newsletter committee for the efforts taken and I wish them success in their future endeavors



Message...

Dr. Bejoy Vargese, HoD, ECE

Words alone cannot truly capture the meticulous efforts invested by the Department of Electronics and Communication Engineering in securing numerous accolades across diverse domains. Intra-departmental forums such as ECHO, the Hobby Club, and others continue to enhance the vibrancy of the department by nurturing curiosity and inspiring budding engineers through intellectually stimulating competitions. The unwavering enthusiasm of the faculty resonates with the students, who actively take

the lead in organizing events and developing innovative projects. It is with great pride and respect that I extend my heartfelt commendations to the dedicated team behind *Electronica* Volume 10 for their tireless efforts in bringing this edition to life.



Garlands of Gratitude!!!

We take this opportunity to extend our deepest gratitude to Prof. Dr. S. Krishna Kumar, our esteemed outgoing Head of the Department of Electronics and Communication Engineering, for their exemplary leadership and dedicated service.

Your unwavering commitment, strategic vision, and tireless efforts have played a pivotal role in shaping the department's academic excellence, research culture, and institutional growth. Whether it was guiding faculty, empowering students, or strengthening industry and academic collaborations, your contributions have left an indelible mark on the department's legacy. Your presence, mentorship, and wisdom will continue to inspire us as we carry forward the values and standards you have upheld.



Bouquets of Welcome!!!!

It is with great pleasure and enthusiasm that we extend a warm welcome to our newly appointed Head of the Department, Dr. Bejoy Varghese. We are truly honoured to have you take the helm and lead our department into its next phase of growth and excellence. Your vast experience, visionary leadership, and commitment to academic and professional advancement bring renewed energy to our department. We are confident that under your guidance, the department will continue to flourish in both academic achievements and innovative pursuits.

On behalf of the faculty, staff, and students, we wholeheartedly welcome you to this new role and look forward to working together to uphold the legacy of excellence that defines our department.





Team ELECTRONICA!!!



Team ECE!!!



ECE Department pens down our note of love and gratitude....

After more than two decades of dedicated service, we extend our heartfelt farewell to Mrs. Sheela K George, who retired on 31st May 2025. Throughout her illustrious journey with us, she has exemplified unwavering commitment, integrity, and excellence, serving as a guiding light to colleagues and students alike. While her presence, wisdom, and mentorship will be deeply missed, we celebrate this significant milestone in her life. We wish her a retirement filled with joy, good health, and the fulfillment of all her dreams.



An institution-level farewell was organized on 30th May, 2025. Prior to this, colleagues from the Department arranged a special gathering after lunch on 22nd May, 2025 as a token of love and appreciation. During the occasion, Ms. Sheela fondly shared her memories and gratitude, while many colleagues reminisced about their experiences with her. The event turned out to be truly memorable.

Epitome of excellence !!!

We were proud to felicitate our distinguished alumna, Ms. Krishna C. (ECE Batch 2011–2015), on 5th May 2025 at 9:45 AM, in recognition of her outstanding achievement of securing All India Rank 139 in the Indian Civil Services Examination. Her remarkable accomplishment redefines success and serves as an enduring source of inspiration for generations to come.



Faculty Development Programme (FDP) sponsored by AICTE Training and Learning (ATAL) Academy, titled: “Innovations in 5G and 6G: Advancing Intelligent Wireless Communication Systems”



Department of Electronics and Communication Engineering has organized a Six-Day Faculty Development Programme (FDP) sponsored by AICTE Training and Learning (ATAL) Academy, titled:

“Innovations in 5G and 6G: Advancing Intelligent Wireless Communication Systems” from 23rd June 2025 to 28th June 2025 COORDINATED BY Dr. Krishna Kumar S. and Ms. Aiswariya Raj.

10 internal participants and 25 external participants from reputed engineering institutions across Kerala attended the FDP. The sessions were handled by eminent resource persons from both academia and industry, including experts from:

- IIITDM Kancheepuram
- IIIT Kottayam
- GITAM (Deemed to be University)
- CUSAT
- Vodafone Idea Limited
- BSNL – Senior General Manager.

The FDP was formally inaugurated on 23rd June 2025 at FISAT.

The inauguration began at 9:30 AM with a solemn prayer. Dr. Bejoy Varghese, HoD of the Department of ECE, welcomed the dignitaries, resource persons, and participants with an address highlighting the relevance of 5G and emerging 6G technologies in shaping future communication systems.

This was followed by the Inaugural Address by Dr. Jacob V Thomas, Principal, FISAT. He emphasized the institution's commitment to promoting research and training in cutting-edge technological domains and expressed appreciation for the faculty development initiatives under AICTE.

Dr. Unnikartha G, Dean of FISAT, delivered the felicitation, appreciating the Department of ECE for organizing the FDP and encouraging the participants to actively engage and collaborate through the program.

The ceremony concluded with the Vote of Thanks delivered by Dr. S. Krishna Kumar, Coordinator of the FDP. He expressed gratitude to

AICTE-ATAL for the opportunity, to all dignitaries and participants for their presence, and to the organizing team for their efforts in planning and executing the event. The FDP was inaugurated by dignitaries from the institution and featured insightful sessions by eminent experts from reputed institutions and industries, covering topics such as fiber optic systems, advancements in wireless networks, EMI/EMC aspects of 5G, waveform designs for beyond 5G, metasurfaces for 6G, security challenges, and more. Participants also engaged in article discussions, hands-on sessions, an industrial visit to the Mookkannur Radio Site (VI), and reflection journals. The programme concluded with a valedictory function, where the valedictory address was delivered by Dr. Bejoy Varghese, Head of the Department of ECE. We sincerely thank the AICTE Training and Learning (ATAL) Academy for sanctioning this FDP and providing us with the opportunity to host a meaningful and enriching academic event.





ACTIVITIES REPORT OF ECHO FOR THE ACADEMIC YEAR 2024-25

ELECTRONICS AND COMMUNICATION HEURISTICS ORGANIZATION (ECHO)

ECHO (Electronics & Communication Heuristics Organization) is the official association of students and faculty of the Department of Electronics and Communication Engineering (ECE) at the Federal

Institute of Science and Technology. Established in 2004, all faculty members and students of the department are integral members of this association. ECHO aims to create an enriching environment that promotes the holistic development of students and encourages independent learning. True to its mission, ECHO has remained active throughout this academic year as well, organizing a variety of programs and activities to engage and empower students.

ECHO actively encourages students to take the lead in organizing and coordinating workshops, expert talks, social initiatives, and soft skills development programs. It serves as a platform for conducting training sessions and hands-on workshops, while also supporting students with innovative ideas—enhancing their overall learning experience and preparing them to meet future professional challenges with confidence. Additionally, the organization fosters a positive and collaborative relationship among students, faculty, and staff. It plays a vital role in nurturing students' social, managerial, and technical competencies, while cultivating a creative environment that inspires innovation through projects and original ideas.



AGNITO 2K25

The Department of Electronics and Communication Engineering successfully organized Agnito 2K25, a Project Exhibition and Poster Presentation, on 4th April 2025 for the final-year students of S8 ECE A and B batches. Held in the Basic Electronics Lab and Communication Lab, the event was inaugurated at 10:00 AM by the Head of the Department. A total of 18 project batches participated—13 from S8 ECE A and 5 from S8 ECE B—showcasing innovative solutions across diverse domains. Students from S2, S4, and S6 ECE visited the exhibition, actively interacting with the final-year teams and gaining valuable insights for their own academic journey.

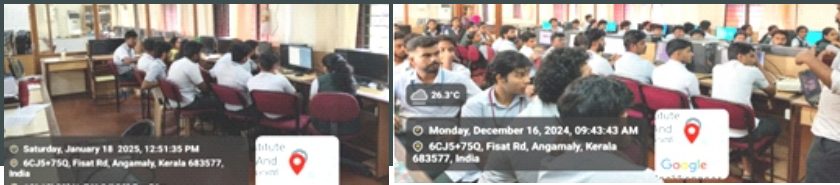
The event highlighted technical creativity and interdisciplinary thinking through both project displays and poster presentations. The First Prize was awarded to the team behind GENTFIT: AI Fashion Recommendation for Men (S8 ECE A), while the Second Prize went to the team presenting RISC V ISA with Memory Fault Tolerance (S8 ECE B). The award for Best Poster Design was secured by the MSL Sign Verse team (S8 ECE A). The department expresses heartfelt appreciation to the coordinators, faculty, and volunteers for ensuring the event's resounding success.

INDUSTRIAL VISIT-ALL INDIA RADIO

As part of the fifth-semester Analog and Digital Communication course, the Department of Electronics and Communication Engineering organized an industrial visit to All India Radio (AIR), Kochi on 1st November 2024. The visit provided 85 students from S5 ECE with valuable real-world exposure to broadcasting systems, supported by faculty members Ms. Gayathri I K, Ms. Dhanya S, Mr. Basil K Jeemon, and Ms. Bini T Abraham. Structured into transmitter and studio station tours, students gained insights into FM transmission, antenna systems, power amplifiers, and the operational challenges of maintaining quality broadcasts. The studio tour offered hands-on learning about audio recording, control room workflows, and modern automation tools. Students also engaged with on-air radio jockeys, learning the importance of communication skills in broadcasting. This experience bridged the gap between theory and practice, deepening students' understanding of analog and digital communication systems. The department sincerely thanks All India Radio Kochi for facilitating this enriching and impactful learning experience to the coordinators for facilitating this informative and impactful learning experience.



ADD-ON COURSE 32-BIT ARM MICROCONTROLLER & PIC



The Department of Electronics and Communication Engineering conducted an Add-On Course on 32-bit ARM Microcontroller & PIC from 16th to 20th December 2024, with the concluding session held on 18th January 2025. Aimed at S6 and S8 ECE students, the course was attended by a total of 57 students. It offered practical training in embedded systems, focusing on ARM Cortex M4 microcontrollers, development tools, IDEs, simulators, and STM32-based project work. Sessions were handled by Mr. Ashith Nair (Senior Engineer) and Mr. Krishnaprasad V. S. (Embedded Engineer) from NeST Cyber Campus, Aluva. Students were divided into six groups for hands-on mini-projects, with simulation exercises in December and final hardware implementation in January.

The sessions were coordinated by Dr. Krishna Kumar S. (Professor and Head of ECE), Ms. Jeslin P. Jo, and Ms. Jilu George (Assistant Professors, Dept. of ECE). Quality and content delivery were ensured through monitoring visits by Ms. Reshmi, Training Coordinator at NeST. Communication between trainers and students was streamlined via WhatsApp groups for continuous support. The program was well-received for its structured format, real-world relevance, and practical exposure, providing valuable industry-oriented skills in microcontroller-based embedded system design.

ADD-ON COURSE ON 32-BIT ARM MICROCONTROLLER & ARDUINO

The Department of Electronics and Communication Engineering, in collaboration with the ECHO Club, organized a six-day Add-On Course on “32-bit ARM Microcontroller and Arduino” from June 24 to 29, 2024. Aimed at pre-final and final-year students, the program combined theoretical instruction with practical training in ARM Cortex M4 microcontrollers and Arduino-compatible development platforms. A total of 57 students participated, gaining exposure to embedded programming, simulators, debuggers, and real-world applications. The sessions were led by experts from NeST Cyber Campus, including Mr. Abhinav C.V. (Technical Lead cum AI developer), Ms. Anakha Subramanian, and Mr. Deepesh Raghavan (Embedded Engineers from the NeST Cyber Campus).

The course emphasized hands-on learning, encouraging students to develop and present project ideas while applying industry-relevant skills. Coordinated by faculty members Dr. Krishna Kumar S. (Professor and Head, Dept. of ECE), Ms. Jeslin P. Jo. (Asst. Professor, Dept. of ECE), and Ms. Manju C.P. (Asst. Professor, Dept. of ECE), the program received positive feedback for its practical orientation and interactive approach. Although conducted without media coverage or funding, the event was a success in enhancing students' technical capabilities and fostering academic-industry collaboration.



FIELD VISIT TO PUBLIC ADDRESSING SYSTEM SET UP



The ECE Department, in association with ECHO-FISAT, organized a field visit to a Public Addressing System Set Up on March 20, 2025, at the Main Seminar Hall, FISAT. The visit was specifically designed for S2 ME (2nd-year Mechanical Engineering) students with the primary objectives of providing practical exposure to understand PA system components, observing real-world installation and configuration, and enhancing theoretical knowledge through practical observation. This educational initiative was particularly valuable as it supported the practical learning aspects of their course GZEST 204: Basic Electrical and Electronics Engineering, bridging the gap between theoretical concepts and real-world applications in electronics engineering.

The field visit was organized by Ms. Jilu George, Assistant Professor from the ECE Department, and attracted participation from 62 students, all from the S2 ME A class. The event proved highly successful, with students providing positive feedback during the feedback session, indicating that the practical exposure effectively enhanced their understanding of electronics engineering concepts and inspired them to explore the practical aspects of their field further. The comprehensive documentation of the event includes detailed participant lists, feedback analysis, media coverage with photographs, and certificates, demonstrating the institutional commitment to providing quality practical learning experiences that complement theoretical education in engineering disciplines.

UNIVERSAL HUMAN VALUE (UHV)

Electronics & Communication Engineering Department, through ECHO, conducted a Universal Human Values (UHV) class on September 10, 2024, at the MBA Seminar Hall for the 2024 admission ECE students (A&B batches). The session was coordinated by six faculty members including Dhanya S., Christy Jose, Ambili A.R., Neena K.A., Anisha Joseph, and Dhanya T.G., with the primary sessions being handled by Assistant Professors Christy Jose and Dhanya S. The main objective of this invited talk was to enable students to explore their aspirations and concerns while understanding basic human aspirations and their fulfillment, ultimately helping students achieve self-exploration and develop right understanding in their relationships with human beings and physical facilities.

The interactive session focused on fundamental concepts of human aspirations, encouraging students to engage in self-exploration and recognize that their efforts are ultimately directed toward achieving happiness and prosperity. Key topics discussed included the distinction between being happy and prosperous, analyzing the gap between personal aspirations and current state of being, and understanding the allocation of time and effort between physical facilities and relationship fulfillment. The facilitators emphasized that while physical facilities are necessary and adequate for animals, they are necessary but not adequate for human beings, proposing that "the basic issue is lack of right understanding." The session incorporated student participation through idea sharing and online surveys to maintain engagement, successfully achieving its course outcomes of promoting self-exploration and developing right understanding among the participating ECE students.

THIRIKE'24



The B.Tech 2010 batch of FISAT in association with FISTAA, the Alumni association of FISAT organized a reunion "Thirike'24" on 28 th December 2024 at FISAT which was a remarkable event filled with nostalgia and joy. Around 150 participants were there including spouses and kids. Former students from various branches gathered at south quadrangle to reconnect, share memories, and celebrate their reunion. Faculty and Department of ECE were honoured by presenting mementos. Exciting games were organized, encouraging friendly competition and teamwork among attendees. Adding to the festive atmosphere, several talented alumni and invited performers took the stage for musical and dance performances. The event concluded with heartfelt speeches and expressions of gratitude, leaving everyone with fond memories and a strengthened sense of community. Overall, the Alumni Reunion was a resounding success, bringing together generations of alumni.

AI Tools for Teachers

A talk on AI tools for teachers was organised by ISTE Faculty chapter of FISAT in association with ECE Department and NDLI Club, FISAT on 10-09-2024 at Library seminar hall. The resource person of the event was Mr. Basil K Jeemon, Assistant Professor of ECE Department. The objective of the talk was to get an insight on various modern AI tools that can be used for teaching and research purposes. Mr Benoy Abraham, coordinator of the talk addressed the participants with a welcome speech. It was a very fruitful session and 19 participants from various departments attended the talk. Dr Mini P R, Vice Principal, FISAT honoured the resource person with a memento.



Introduction to problem solving and computing



The ISTE Chapter, in association with the ECE Department, organized a 3 day workshop titled “Introduction to problem solving and computing”. The session focused on introducing and demonstrating various problem solving techniques using Python programming . The sessions were handled by Mr Mahesh C, Assistant Professor, CSE Department. The workshop was attended by 64 participants, primarily students, who gained insights into the practical applications of AI in academic environments. The event was coordinated by faculty members Mr. Benoy Abraham, Ms. Minu Kuriakose, and Ms. Leena Thomas.

Navigating Gen Z Job Aspirations: Aligning Dreams with Future Careers and Companies,”



Mr. Benoy Abraham, Assistant Professor in the Department of Electronics and Communication Engineering at FISAT, served as a distinguished panel member in the discussion titled “Navigating Gen Z Job Aspirations: Aligning Dreams with Future Careers and Companies,” held at Tryzens Global, Technopark, Thiruvananthapuram.

The event brought together industry experts and academic professionals to explore evolving career expectations among Gen Z and how organizations can better align with their aspirations.

FACULTY ACHIEVEMENTS

- Ambili A.R was selected for CEEE Program 2025 in the domain of Electrical, Electronics, and Instrumentation Engineering at IIT Khargpur with a financial aid of Rs 50000.
- Ambili A.R was mentor for the student team Jerry George Antony, Hana Thajudheen and Avinash P who were selected for the YIP 2025.
- Ambili A.R was reviewer for the ACCTPHA2025, FISAT
- Ambili A.R was reviewer for 11th International Conference on Smart Computing and Communications (ICSCC, MITS Puthencruz)
- A workshop titled "Introduction to Problem Solving and Computing", was organized by ISTE Chapter, FISAT, in association with the Department of Electronics and Communication Engineering, on August 16, with Mr. Mahesh C (Asst. Prof. Sp. Grade CSE) as the resource person.
- Ph.D Open seminar was held on “Development of a novel symmetric cryptosystem specific to selected prime fields” by Research Scholar Ms. Shanooja M A guided by Dr.Anilkumar M N, on 30th January 2025, and was witnessed by Faculty, Research Scholars, and PG students.
- An Arduino Workshop in association with EHCO was held on August 16th 2024, by the Student Coordinators Mr. Manoj Kumar M, Mr. Advait G Menon, Mr. Athul Krishna V V, and Mr. Joseph Johnson, along with Faculty Coordinators Dr. Krishna Kumar S and Ms. Gayathri I K.

- Add-on course on “PIC and 32 bit ARM Microcontroller” was organized by the ECE Department in association with NeST Cyber Campus Aluva, and was conducted from 16th to 19th December 2024 to help candidates outline the architecture and ecosystem of the 32-bit microcontroller, as well as create simple IoT applications and was coordinated by Dr. S Krishna Kumar, Jilu George and Jeslin P. Jo.
- Ms. Jeslin P Jo published patent through IPR Cell FISAT, and the title of the invention is REAL TIME HEALTH MONITORING SYSTEM: PORTABLE ECG & SPO2 WITH CLOUD-BASED DOCTOR INTERACTION.
- Jilu George published patent through IPR Cell FISAT, and the title of the invention is A LOAD CELL BASED SMART SECURITY AND ANTI THEFT ALERT ALARM SYSTEM AND APPLICATION
- Dr. Bejoy Varghese, published a patent for 'A method of image transferring by neural evolution and reinforcement learning using adaptive fractal' through the IPR Cell & R&D Cell, FISAT.
- Ms. Ambily A. R. (Dept. of ECE) filed and published a patent for “A novel apparatus for detecting invasion of bugs based vehicles” through the IPR Cell and R&D Cell, FISAT.
- The Agnito Project Expo was organized by ECHO on April 4th, 2025, based on the Project Phase-2 course.
- A talk on “Research Paper Writing and Publication” was organized by the Department of ECE in association with ECHO on 29th January 2025, conducted by Assistant Professors Mr. Basil K Jeemon and Ms. Aiswariya Raj.
- Dr. S Krishna Kumar (Prof. ECE DEPT) was among the resource persons for the “Faculty Development Program on Digital Design: FPGA-Based System Development” held from April 24 to 30, 2025 at Amal Jyothi College of Engineering, Kanjirappilly.
- Under the mentorship of Ms. Ambili A R & Ms. Dhanya S, the team from S8 ECE B clinched the 1st prize in the paper presentation competition, Computer Science Track, at Kerala Technological Conference (KETCON 2024), organized by APJ Abdul Kalam Technological University.
- A field visit for the 5th semester ECE A and B students to All India Radio (AIR), Kakkanad, Ernakulam, for Analog and Digital Communication Study was conducted on 1st November 2024. The faculties in charge were Ms. Gayathri I. K. and Ms. Dhanya S.
- Alumni Mr. Subin Babu (Data analyst, AJ Bell, UK), Mr. Albin Vincent (Senior Software Engineer, Gadgeon Smart Systems), and Mr. Hrithudev V S (placed at TATA ELXSI, TCS, Hexware, Tessolve), spoke at the First-year B.Tech orientation programme on September 9th, 2024 and was coordinated by Ambili A. R, Neena K A, Christy Jose and Dhanya S.
- Dhanya S gave an invited lecture on the topic: "A Comprehensive Analysis of Recent Techniques in Lung Cancer Detection Using Various Learning Models" at International Conference on Advanced Materials and Startup Ecosystem, ICAMSE 2024
- Ambili A R gave an invited lecture on the topic: "SignLipDetectron" Malayalam sign language Interpreter" at International Conference on Advanced Materials and Startup Ecosystem, ICAMSE 2024
- Christy Jose completed 8 week NPTEL online course Research Methodology during July – September 2024.
- Christy Jose was awarded certificate of appreciation in recognition of the role as a mentor for the NPTEL Online Certification course Body language: Key to professional success July – December 2024.
- Pearlsy P V gave an invited lecture on the topic: "Advancement and challenges in optical character recognition for handwritten documents" at International Conference on Advanced Materials and Startup Ecosystem, ICAMSE 2024.
- Dhanya S was reviewer for the ACCTPHA2025, FISAT
- Dhanya S was reviewer for 11th International Conference on Smart Computing and Communications (ICSCC, MITS Puthencruz)
- Dhanya S was reviewer for the Elsevier journal " Biomedical Signal Processing and Control "
- Dr. Anil Kumar M.N was Session Chair of International Conference ACCESS 25 held at ASIET, Kalady
- Vinitha.V was awarded Patent for Automated Bitter Gourd Harvesting Device
- Anoop E G was Session Chair of National Conference on Edge AI: Optimizing Machine Learning for Real Time Processing and IoT Applications organized by ISTE FISAT
- A talk on "AI Tools for Teachers" was organized by the ISTE Chapter, FISAT, in association with the Dept. of Electronics and Communication Engineering & NDLI Club, on September 10, 2024, with Mr. Basil K Jeemon, (Asst. Professor Sp. Grade ECE Dept) as the resource person and coordinated by Mr. Benoy Abraham and Ms. Minu Kuriakose.

- Final year Electronics and Communication Engineering students gained invaluable insights into Renewable Energy Systems during a field visit to CIAL Solar Power Plant on February 15, 2024 and was organised by Benoy Abraham and Jilu George.
- Under the guidance of Ms. Neena KA(Asst. Prof. Sr. Grade) Students of S8 EC B went for a field visit, in association with ECHO, at 'ADVANCED CENTER FOR ATMOSPHERIC RADAR RESEARCH, CUSAT', exploring antennas and microwaves on 31 January 2025.
- BASIL K JEEMON has secured Outstanding Chapter Advisor Award at the IEEE SPS Kerala Chapter AGM 2024.
- A session on "Introduction to repositories GIT/GIT HUB", was conducted on 21st February 2025 for S2 students by the ECE department in association with ECHO. The session was handled by Akhil Babu M K S8 CS A and Timothy M Abey S8 CS B and was coordinated by Jilu George and Vinitha V.
- Ms. Dhanya S secured financial assistance under CERD from APJ Abdul Kalam Technological University for student project "Autonomous Search and Rescue Rover".
- Benoy Abraham officially represented and participated in UDYAMA 1.0, the Industry-Academia-Government Conclave organized by DTE at Thiruvananthapuram in December 2024.
- Aiswariya Raj was resource person for the talk on Introduction to Digital Image Forensics conducted by MCA Dept, FISAT in October 2024
- Sreelekshmy S was resource person for the talk on Hardware Modeling Using Verilog conducted by MCA Dept, FISAT in January 2025

Faculty Publications:

- Dr. Anil Kumar M N published a paper titled "A Light Weight Deep Learning Framework for Brain Tumour Classification from Compressed MRI Images" in the 2024 First International Conference on Software, Systems and Information Technology (SSITCON) in October 2024.
- Neena K A presented a paper titled "A Light Weight Deep Learning Framework for Brain Tumour Classification from Compressed MRI Images" at the 2025 First International Conference on Software, Systems and Information Technology (SSITCON) in October 2024.
- Basil K Jeemon published a paper titled "Non-Contiguous Orthogonal Time Frequency Space Modulation for Cognitive Radio to Enhance Spectrum Sharing in High Doppler Channels" in the journal Wireless Personal Communications, Springer in April 2025.
- Ambili A R presented a paper titled "Local and Global Context Feature Fusion for Effective Spoken Language Identification in Indian Linguistics" at the 2024 International Conference on Smart Electronics and Communication Systems (ISENSE) held in Kottayam, India, in December 2024.
- Ambili A R presented a paper titled "Leveraging Augmented Samples as an Auxiliary Task for Enhancing Spoken Language Identification in Indian Languages" at the 2nd International Conference on Trends in Engineering Systems and Technologies (ICTEST 2025) held at MEC, Thrikkakara, in April 2025.
- Ambili A R presented a paper titled "SignLipDetectron" at the International Conference on Advanced Materials and Startup Ecosystem held in Thiruvananthapuram, Kerala, India, during December 13–15, 2024.
- Dhanya S. presented a paper titled "Comprehensive Analysis of Recent Techniques in Lung Cancer Detection Using Various Learning Models" at the International Conference on Advanced Materials and Startup Ecosystem held in Thiruvananthapuram, Kerala, India, during December 13–15, 2025.
- Dr. Anil Kumar M N published a journal article titled "A Technique for Image Encryption Using Modular Multiplicative Inverse Property of Mersenne Primes" in the journal Symmetry, Volume 17, Issue 2, in January 2025.
- Subha Thomas published a paper titled "Optimized U-Net Segmentation Model and Deep Maxout Classifier for Brain Tumor" in the journal Biomedical Engineering: Applications, Basis and Communications in October 2024.
- Aiswariya Raj published a paper titled "A Texture Descriptor of the Camera Fingerprint for Source Camera Model and Device Identification" in the journal International Journal of Intelligent Systems Technologies and Applications (IJISTA) in July 2024.

FDP Attended by The Faculty:

SL. NO	NAME OF FACULTY	NAME OF TRAINING	DATE	CONDUCTED BY	NO.OF DAYS
1	Dr Mini P.R	Practical Aspects of ICT Tools and Onilne Teaching in Current Scenario	09/02/202- /9/11/2024	Research Foundation of India	10
2	Dr Anil Kumar M N	Good teacher to Gen Z	08-10-2024	FISAT	1
3	Ambili A.R	Advancements in AI, from ANN and Deep Learning to NLP with Transformers and LLMs	07/04/2024- 07/06/2024	KMEA ENG College	3
		Strategic plan for research Activities at centre of excellence in AI,ML,Robotics and Automation	9/27/2024- 9/28/2024	APJ Abdul Kalam Technological University	2
4	Deepa NR	FDP on Deep learning	07/01/2024- 10/28/2024	IIT Madras	12 weeks
		IoT and Embedded Systems	9/23/2024- 9/27/2024	NITTTR, Chandigarh	5
		Good teacher to Gen Z	08-10-2024	FISAT	1
5	Nimmy M Philip	FDP on Deep learning	07/01/2024- 28/10/28/2024	IIT Madras	12 weeks
		IoT and Embedded Systems	9/23/2024- 9/27/2024	NITTTR, Chandigarh	5
		Good teacher to Gen Z	08-10-2024	FISAT	1
6	Neena K A	FDP on Publishing Quality Ressearch on High Quality Journals	09/06/2024- 9/11/2024	Mahaguru Institute of Technology	6
		Advancements in AI, from ANN and Deep Learning to NLP with Transformers and LLMs	04/07/2024- 07/07/2024	KMEA ENG College	3
7	Vinitha V	Good teacher to Gen Z	08-10-2024	FISAT	1
8	Anoop E G	Introduction to data science and machine learning	09/09/2024- 9/14/2024	Department of Internet of Things & Cyber Security (CSOT), Dept of CSE, Dept of AI and Providence FOSS CELL	6
		Good teacher to Gen Z	08-10-2024	FISAT	1
		IoT and Embedded Systems	9/23/2024- 9/27/2024	NITTTR, Chandigarh	5
		AI Tools	2/17/2025- 2/21/2025	SRM Institute of Science And Technology, Kattankulathore	5
9	Subha Thomas	FDP on Powering Innovations & Efficiency on Intelligent Systems	1/7/2024- 18/7//2024	Mahaguru Institute of Technology	5
		Good teacher to Gen Z	08-10-2024	FISAT	1

10	Benoy Abraham	UDYAMA 1.0, the Industry-Academia-Government Conclave	12/7/2024-12/10/2024	Govt of Kerala	3
		Good teacher to Gen Z	08-10-2024	FISAT	1
11	Minu Kuriakose	Good teacher to Gen Z	08-10-2024	FISAT	1
		Problem Solving and Advancements in python Programming	12/02/2024-12/06/2024	SREE NARAYANA INSTITUTE OF TECHNOLOGY	5
		Machine Learning Algorithms and Exploratory Data Analysis	07/08/2024-7/13/2024	Pantech e Learning	5
12	Christy Jose	FDP on Virtual Labs	10/22/2024-10/24/2024	PALS VLAB with NIT Surathkal	3
		PALS FDP on How teachers can make a difference	11/06/2024-11/08/2024	TLC ,IIT Madras	3
		VEGA processors and ecosystem	6/20/2024-6/21/2024	Department of ECE and CDAC	2
		Advancing intelligent automation : the convergence of IoT,ML and Robotics	12/02/2024-12/6/2024	Department of ECE ,Vidya Academy of Science and technology	5
		Good teacher to Gen Z	08-10-2024	FISAT	1
		Research Methodology NPTEL course by IITM and AICTE approved FDP	7/15/2024-9/27/2024	NPTEL course by IITM	8 week
		Green Energy and Sustainability : combating global warming	11/20/2024-11/22/2024	Research and development cell ,FISAT	3
		IoT and ML for advanced Biomedical Signal Processing	1/15/2025-1/24/2025	ABV-IIITM Gwalior , Electronics and ICT Academy	5
13	Jilu George	Good teacher to Gen Z	08-10-2024	FISAT	1
		FDP on Virtual Labs	10/22/2024-10/24/2024	PALS VLAB with NIT Surathkal	3
		Green Energy and Sustainability : combating global warming	11/20/2024-11/22/2024	Research and development cell ,FISAT	3
		PALS FDP on How teachers can make a difference	11/06/2024-11/08/2024	TLC ,IIT Madras	3
		Advancements in AI, from ANN and Deep Learning to NLP with Transformers and LLMs	04-07-2024	KMEA ENG College	3
14	Aiswarya Raj	Good teacher to Gen Z	08-10-2024	FISAT	1
		Green Energy and Sustainability : combating global warming	11/20/2024-11/22/2024	Research and development cell ,FISAT	3
		PALS FDP on How teachers can make a difference	11/06/2024-11/08/2024	TLC ,IIT Madras	3
		FDP on Virtual Labs	10/22/2024-10/24/2024	PALS VLAB with NIT Surathkal	3
15	Dhanya S	Good teacher to Gen Z	08-10-2024	FISAT	1

		Advancements in AI, from ANN and Deep Learning to NLP with Transformers and LLMs	04-07-2024	KMEA ENG College	3
		FDP on Virtual Labs	10/22/2024-10/24/2024	PALS VLAB with NIT Surathkal	3
		21 Days Masterclass on NVIDIA - AI Hardware	7/15/2024-8/5/2024	IETE	21
		Virtual Labs- PALS Vlab 2024-25	12-10-2024	NITK Surathkal	1
		PALS FDP on How teachers can make a difference	11/06/2024-11/8/2024	TLC ,IIT Madras	3
16	Jeslin P Jo	FDP on Powering Innovations & Efficiency on Intelligent Systems	1/7/2024-18/7/2024	Mahaguru Institute of Technology	5
		Good teacher to Gen Z	08-10-2024	FISAT	1
		Next-Gen VLSI Design: VLSI	03/03/2025-3/8/2025	Department of Electronics and Communication Engineering, CVR College of Engineering	5
17	Sreelekshmi S	Good teacher to Gen Z	08-10-2024	FISAT	1
		EMERGEINNOVATE: Empowering Faculty for Entrepreneurial Research Development	1/7/2024-18/7/2024	Mahaguru Institute of Technology	5
		Powering innovations and efficiency on intelligent systems	07/10/2024-7/18/2024	Mahavir Institute of Technology	5
		Next- Gen VLSI Design: VLSI Testing Approaches, Layout Strategies and Neuromorphic Integration	3/3/2025-3/8/2025	CVR College of Engineering	5
		FDP on Virtual Labs	10/22/2024-10/24/2024	PALS VLAB with NIT Surathkal	3
18	Gayathri I.K	Next-Gen VLSI Design: VLSI	03/03/2025-3/8/2025	Department of Electronics and Communication Engineering, CVR College of Engineering	5
		Good teacher to Gen Z	08-10-2024	FISAT	1
19	Bini VK	Good teacher to Gen Z	07-10-2024	FISAT	1
		Next- Gen VLSI Design: VLSI Testing Approaches, Layout Strategies and Neuromorphic Integration	3/3/2025-3/8/2025	CVR College of Engineering	5
		FDP on Powering Innovations & Efficiency on Intelligent Systems	1/7/2024-18/7/2024	Mahaguru Institute of Technology	5

19	Leena Thomas	Good teacher to Gen Z	08-10-2024	FISAT	1
		ALGORITHMIC THINKING WITH PYTHON	09/07/2024-9/17/2024	BISHOP JEROME INSTITUTE	5
		Problem Solving and Advancements in python Programming	12/02/2024-12/06/2024	SREE NARAYANA INSTITUTE OF TECHNOLOGY	5
		Generative AI	7/22/2024-7/27/2024	Universal college	5
20	Bini T Abraham	Work place happiness and Relationships	06-08-2024	FISAT	4
21	Sheela k George	Work place happiness and Relationships	06-08-2024	FISAT	1
22	Laly V.V	Work place happiness and Relationships	06-08-2024	FISAT	2
23	Shibu Ramakrishnan	Work place happiness and Relationships	06-08-2024	FISAT	3

Best Outgoing Student Award



HRIDHYA C

S8 ECE A (2021 – 2025)
was the Best Outgoing Student Award winner.

Best Performer Award



JOEL GEORGE JUBY

S8 ECE B
Best Performer of the Batch (2021 -2025)

2021-2025 batch ECE students with Honours

- Neha Ann Christopher
- Sneha Saji
- Adila Thayyil
- Anjana K.S

2021-2025 batch ECE students with minor

- PM Vishnu - Minor in CSE with specialisation in Software Engineering
- Maria Roy - Minor in CSE with specialisation in Software Engineering
- Neha Ann Christopher - Minor in CSE with specialisation in Software Engineering
- Adila Thayyil - Minor in CSE with specialisation in Software Engineering
- Anjana K.S - Minor in CSE with specialisation in Software Engineering
- Abhishek A Nair - Minor in CSE with specialisation in Software Engineering
- Godwin Kunjumon - Minor in CSE with specialisation in Software Engineering
- Anugraha M - Minor in CSE with specialisation in Software Engineering
- Avinash PV - Minor in CSE with specialisation in Software Engineering
- Balaji J Pai - Minor in Mechanical Engineering with specialisation in Materials And Manufacturing Engineering
- Arjun C A - Minor in Mechanical Engineering with specialisation in Materials And Manufacturing Engineering

Hima Memorial Endowment award

Hima Memorial Endowment award was an initiative from students of the 2012-2016 batch in the everlasting memory of their classmate Hima C K after her untimely demise in 2015. Its presented yearly to one student from second year and one student from third year of Electronics & Communication Department. The award winners are chosen on the grounds of exceptional academic performance and all round excellence. For this academic year, Hima Memorial Endowment award winners were Anto Kurian James of S6 ECE A and Nandana Krishna of S4 ECE B



Anto Kurian James Nandana Krishnan

PTA Perseverance Awards

S2 ECE



Neha Krishna P



Disalfin K Sunny



Nandana Krishnan



Chessa Jeese



Dainty Teresa Davis



Anandhu Biju

S4 ECE

S6 ECE



Ajay Narayan V M



Aafina Shameer



Malavika C



Nikitha Babu



Anand A



Shreya K Menon

S8 ECE



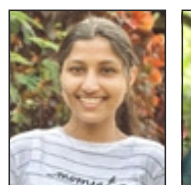
Riya Jacob



Chethan Ram Babu



P Sreya



Sathybhama Shibu



Merin Sebastian



Neha Ann C



Rosna Shaji

- Disalfin K Sunny and Neha Krishna P of 2024 Admission scored 10 SGPA in the first semester B.Tech university examination.
- Nandana Krishnan of 2023 Admission scored 10 SGPA in the third semester B.Tech university examination
- Ann Moni George of S4 ECE A and Disalfin K Sunny of S2 ECE A secured the 2nd prize in the All Kerala Inter Collegiate Debate Competition conducted by the Department of Science and Humanities on 19th February 2025
- Ebin Joseph and Arjun J Kumar of S8 ECE secured first place in the Social Progress category at the National-Level PALS innoWAH! 2024-25 held at IIT Madras.
- Rithin Robert secured second place at the dance competition held at SNGCE
- Joshua Alex Mathews and Sandra Babu of S8 ECE B received First Prize in Electronics and Communication for paper presentation in KETKON 2024
- Abhijith Pradeep of S5 ECE A and FISAT NSS Unit was selected to represent KTU at the South Zone Pre-RD NSS selection camp 2024 and achieved First Rank was selected and represented Kerala at the Republic Day Parade at Delhi in January 2025.
- The student team Jerry George Antony, Hana Thajudheen and Avinash P of S8 ECE A, under the guidance of Ambili A.R were selected for the Young Innovators Program (YIP) in June 2025.
- Advait G Menon of S6 ECE got IEEE Award for Outstanding Student Leadership
- Disalfin K. Sunny of S1 ECE A secured the First Position, Ann Moni George of S3 ECE A the Second Position, in the P. V. Mathew Memorial English Elocution Competition, conducted by the Department of Science and Humanities, October 2024
- Vimal M, N.A. Muhammed Ajmal, P.S.Suryanarayanan, and Mohammad Ijlal (S6 ECE) won First prize in IDEATHON Idea-Pitching Competition organized by the ECHO association, FISAT
- Anoushka K (S8 ECE A) received the Outstanding student volunteer award (special mention), at IEEE SPS Kerala Chapter AGM 2024
- Manoj S Kumar (S6 ECE B) received IEEE Visionary Award in March 2025.
- Adwaith Anand of S5 ECE A was part of FISAT Kabaddi Team and secured 2nd Runner Up position in D zone Kabaddi Tournament held in October 2024
- Shafin Sharaf A P of S3 ECE-A was part of FISAT Football Team and won 1st position in the KTU D zone Football Tournament held in October-2024.
- Shafin Sharaf A P of S3 ECE-A was part of FISAT Football Team and won 1st position in the KTU Interzone Football Tournament held in November-2024.
- FISAT's Tug of War teams achieved a remarkable feat by securing double gold at the KTU Inter Zone Championship on 17th February 2024, marking a "Double Gold, Double Glory" for the institution. This historic win was powered by the exceptional skills and teamwork of athletes including Adwaith Anand of S6 ECE A, Diljin Davis of S2 ECE A, Anisha A of S8 ECE A, Adith D of S8 ECE A, Senna Maria of S4 ECE B and Pavitra B Nair of S4 ECE B from ECE.
- Senna Maria of S4 ECE B and Adith D of S8 ECE A were among the nine exceptional Tug of War athletes from FISAT, selected to represent Kerala Technological University in prestigious Inter-University Competitions
- Sandesh Girish from S8 ECE B received the Best Outgoing Student Award from the FISAT IEEE Student Branch.
- Advait G Menon, Athul Krishna V V, Manoj Kumar M and Joseph Johnson of S5 ECE A & B, with the help of faculty coordinators Dr Krishna Kumar S and Ms. Gayathri K conducted the ARDUINO workshop on 16th August 2024 in association with EHC, aimed at helping students master the art of Arduino.
- Arsha Pradeep of S1 ECE A, Hanna Paulose of S1 ECE A and Aparna C of S8 ECE A were part of FISAT Women's Football Team and won 1st runner up position in the KTU Interzone Football Tournament held in January 2025.
- Anagha P Girish of S5 ECE A, Anagha KP of S3 ECE A and Senna Maria of S3 ECE B were part of FISAT Women's Kabaddi Team and secured 1st Runners Up position in D zone Kabaddi Tournament held in October 2024.
- CQMS Anagha K P from S5 ECE A was selected as Squad Senior among 500 students during the NCC ATC 10 days camp at FISAT conducted in June 2025.
- The Signal Processing Society, IEEE FISAT Student Branch Chapter, proudly clinched the top spot in the 2024 SPS Day Photo Contest, earning a \$250 cash prize and global recognition.

- IZA TREESA JAISON of 2023 admission ECE A batch completed the NPTEL course Python for Data Science from IIT Madras (4 weeks) with Elite certification.
- GAUTHAM S of 2023 admission ECE A batch completed the NPTEL course Python for Data Science from IIT Madras (4 weeks) with Elite certification.
- GREESHMA K MANI of 2023 admission ECE A batch completed the NPTEL course Python for Data Science from IIT Madras (4 weeks) with Elite certification.
- GANESH S MENON of 2023 admission ECE A batch completed the NPTEL course Python for Data Science from IIT Madras (4 weeks) with Elite certification.
- AMALJITH M of 2023 admission ECE A batch completed the NPTEL course Python for Data Science from IIT Madras (4 weeks) with Elite certification.
- Pranav Ramesh Mannatt of 2022 admission ECE B batch completed the NPTEL course Ethical Hacking (12 weeks) with Elite certification.
- Vineeta Luke of 2022 admission ECE B batch completed the NPTEL course Digital Logic and Circuits Simulations (8 weeks) with Elite & Silver certification.
- Surya Narayanan of 2022 admission ECE B batch completed the NPTEL course Digital Logic and Circuits Simulation (8 weeks) with Elite certification.
- JINAN T of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- MINHA ARIF of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- VASUDEV TK of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- Sharon Benny of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- Harishankar A S of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- THUSHAR K H of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- HARINANDAN P of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- Leo Sabu of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- KRISHNANARAYANAN S V of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- Shreya K Menon of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- Sreejith T R of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- Mohamed Afsal of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- Nandhana Johnson of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite & Silver certification.
- Tessa Denny of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite & Silver certification.
- Neha G Madassery of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- Sai Sharan U of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- Bristo Sebastian of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- Liston Sebastian of 2022 admission ECE B batch completed the NPTEL course Body Language: Key to Professional Success (4 weeks) with Elite certification.
- Varsha C V of 2023 admission ECE B batch completed the NPTEL course Computer Networks and Internet Protocol (12 weeks) with Elite certification.
- Susanne Georgy of 2023 admission ECE B batch completed the NPTEL course Python for Data Science (4 weeks) with Elite certification.
- Krishnapriya T A of 2023 admission ECE B batch completed the NPTEL course Python for Data Science (4 weeks) with Elite certification.

Sl. no	Name of the Student	Company
1	ABHISHEK A NAIR	TCS
2	ADILA THAYYIL	TCS
3	AISWARYA JAYAKUMAR	Sutherland,TCS,PKJ Technologies Pvt Ltd
4	ALAN MATHEW	PKJ Technologies Pvt Ltd,SFO Technologies
5	ANAKHA VIJAY P	PKJ Technologies Pvt Ltd,SFO Technologies
6	ANIL PAUL	Hyundai Polytech
7	ANJANA KRISHNA V R	Sutherland
8	ANJANA K.S.	Sutherland,SFO Technologies
9	ANNA MARTIN	Sutherland
10	ANOUSHKA K	PKJ Technologies Pvt Ltd
11	ANUGRAHA M	TCS,RGB Broadcasting
12	APARNA C	Forbes Marshall (P) Ltd. - Pune
13	ARJUN C A	Hyundai Polytech
14	ARON CHERIAN VARGHESE	Sutherland
15	ASHALAKSHMI P J	Sutherland
16	ASHISH JOSEPH BABY	Sutherland,TCS
17	ASLAHA JABBAR	Sutherland,TCS,IBM
18	ASWATHY JOMY MATHEW	Tismo Technology Solutions
19	AVINASH P V	Forbes Marshall (P) Ltd. - Pune
20	BALAJI J PAI	TCS,Ignitarium technology solutions
21	BHAVYA BABU	Sutherland
22	FARDHEEN P RIYAS	Sutherland
23	FARZEENA P.A.	EY
24	FATHIMA NOURIN	Sutherland

25	FEBIN DAVIS	TCS,Ignitarium technology solutions,UST
26	GHALIB AHAMMED RAFEEQ	Sutherland,Hyundai Polytech,Forbes Marshall (P) Ltd. - Pune
27	GODWIN KUNJUMON	TCS,Mitsogo
28	GOPIKA SANTHOSH PALLAN	TCS
29	HANA THAJUDEEN	Sutherland
30	HARIKRISHNAN T P	Hyundai Polytech
31	HRIDHYA C	EY
32	JERRY GEORGE ANTONY	Forbes Marshall (P) Ltd. - Pune
33	JILHA JOS	Webgeon Results
34	JOEL GEORGE JUBY	TCS,Ignitarium technology solutions,UST
35	JOHN J KULATHINAL	Digital Core Technologies
36	JOSEPH THOMAS	TCS- Digital
37	KARTHIK. C	UST
38	KARTHIK K	TCS
39	KENPAUL BINOJ	EY
40	KEVIN SHAJI ABRAHAM	Allianz Cornhill BPO,Intellipaat
41	LAKSHMI K T	TCS
42	MARIA ROY	HCL Tech Business Services
43	MARIA THERESA PAULSON	Infosys,Sutherland
44	MERIN SEBASTIAN	TCS,KPIT
45	NAYANA UNNIKRISHNAN	IBM
46	NIHAL FAIROOZ E S	UST
47	NIKITHA C.	Infosys
48	PAULSON MATTEKKATT	Master Systems

49	P SREYA	CTS,TCS,KPIT
50	P S SURYANARAYANAN	TCS,EY
51	ROSE MARIA SHINE	TCS
52	ROSNA SHAJI	Hyundai Polytech
53	SANDESH GIRISH	Webgeon Results
54	SATHYABHAMA SHIBU	CTS,SAP
55	SHAHANA MUHAMMED ALI	EY
56	SHANET ROSE MULAVARICKAL	TCS
57	SINAAN HUSSAIN	CTS,TCS,Zoho
58	SNEHA SAJI	Infosys,TCS

59	SOORAJ K S	TCS
60	SREEHARI P SHAIJU	Webgeon Results
61	SREELAKSHMI S	Sutherland,Intellipaat
62	STEEPHEN JOSEPH	TCS
63	THEJAS K N	TCS,UST
64	THOMAS JOSE	Webgeon Results
65	VENUS THOMAS	TCS,IBM
66	VIMAL M	TCS
67	VISHNU PRADEEPKUMAR	IPA Pvt Ltd.
68	YADU SANKAR. M. M	Radel Electronics (P) Ltd.
69	YASIN ASHRAF	Sutherland

Industrial visit of S6 ECE A & B

The Department of Electronics and Communication Engineering at the Federal Institute of Science and Technology (FISAT) organized an industrial visit for sixth semester A batch students from January 22 to 25, 2025. Guided by faculty coordinators Ms. Jeslin P Jo, Ms. Jilu George, and Mr. Noble G, the visit aimed to provide students with hands-on exposure to industry operations while fostering real-world learning and holistic development through a mix of professional, cultural, and outdoor experiences. A key component of the visit was the session at Zephyr Technologies and Solutions, which focused on Web Development and Digital Marketing. Students explored industry practices and challenges, gained insights into current trends and technologies in digital services, and actively participated in an interactive Q&A session that broadened their understanding of career pathways in the tech domain.



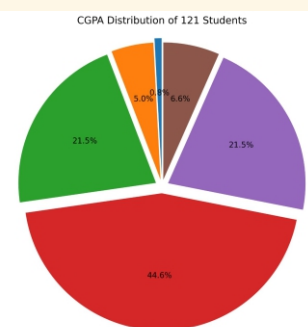
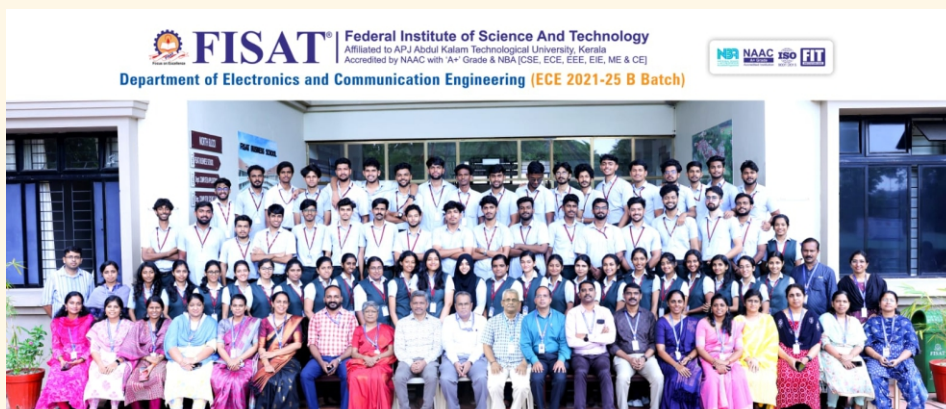
The Department of Electronics and Communication Engineering at the Federal Institute of Science and Technology (FISAT) also organized an industrial visit for the sixth semester B batch students from February 25 to March 1, 2025. Coordinated by faculty members Ms. Vinitha V, Ms. Gayathri I K, and Mr. Mani K K, the visit aimed to provide students with practical exposure to industry operations and foster holistic development through a blend of professional, cultural, and outdoor experiences. A key highlight of the visit was the tour of the Tasty World Food Factory, where students gained insights into industry practices and challenges, explored current trends and technologies in service and production, and actively participated in an interactive Q&A session that deepened their understanding of various career pathways in the industry.



Bid adieu dears... We will miss you all....

Yet another painful but proud moment for Department of ECE, as we bid good byes to to our 2021-25 ECE A& B batches. A well organized farewell ceremony was conducted on 11th April, 2025. Many students shared their memories and expressed gratitude towards Department. The Head of the Department, Dr. S. Krishna Kumar, together with the group advisors and faculty members, extended their best wishes for the students' future endeavors and encouraged them to maintain their connection with the campus by visiting whenever possible.

To celebrate the accomplishments of all students who successfully graduated with a B.Tech degree after clearing their examinations, the graduation ceremony 'Gyandeep' was held on 18th June, 2025. During the event, students who had earned Minor and Honours degrees were given special recognition for their outstanding academic excellence.



CGPA Categories	
10 CGPA	(1)
9-9.99 CGPA	(6)
8-8.99 CGPA	(26)
7-7.99 CGPA	(54)
6-6.99 CGPA	(26)
≤ 6 CGPA	(8)

ALUMNI SPEAKS

**Abhiram D**

2013-2017 batch
Dukosi, Edinburgh, UK

Studying at FISAT and being part of the ECE department has been one of the most rewarding phases of my life. I was lucky to have teachers who not only taught me the subjects but also guided me whenever I needed advice or motivation. The department gave me a strong mix of practical skills and theoretical knowledge, which has helped me in my career. I'm truly grateful for all the support, care, and opportunities I received here. Looking back, I can proudly say this institution shaped both my learning and who I am today.

**Albin Robin**

2013-2017 batch
Software engineer (automotive video) Qualcomm Canada

My time at FISAT was an experience I'll always treasure. The faculty were approachable and supportive, making learning both engaging and enjoyable. I gained practical skills that gave me confidence when stepping into my career. Campus life was vibrant, filled with events and friendships that made the journey unforgettable. FISAT shaped not just my academics, but also who I am today.

**Christino Jacob**

2013-2017 batch
Sr. Engineer - Design
Microchip Technology Inc., Canada

Being part of the Electronics and Communication Engineering Department at FISAT was a truly enriching experience. The department's vibrant IEEE activities, insightful technical seminars, and hands-on workshops opened doors to new ideas and innovations. Working on hobby projects in well-equipped labs helped me apply concepts beyond textbooks and sparked my creativity. The supportive faculty and collaborative environment shaped my skills, confidence, and problem-solving abilities. Along with a strong technical foundation, I carry with me cherished friendships and unforgettable memories from this dynamic department.

ALUMNI SPEAKS

**Anand Paul**

2013-2017 batch

Senior IP/SoC Validation Engineer at Tenstorrent

Studying in the Electronics and Communication Engineering department at FISAT from 2013 to 2017 was a truly transformative experience. The department not only gave me a strong technical foundation but also nurtured my curiosity, problem-solving skills, and passion for innovation. I was fortunate to learn from dedicated faculty members whose guidance went far beyond textbooks, shaping the way I approach challenges even today. The hands-on exposure to labs, projects, and real-world applications prepared me to confidently step into my professional journey. The values, discipline, and technical expertise I gained here have had a direct and lasting impact on my career, playing a key role in my current role in the industry. Looking back, I feel deeply grateful to be a part of such an inspiring department that continues to ignite excellence in every student who walks through its doors.

**Sowmya S**

2019-2023 batch

Kalki Communication Technologies pvt Ltd, Graduate Engineer (2023-2024)
MBA- Great Lakes Institute of Management, Chennai (2025-2027)

The Federal Institute of Science and Technology is a hub of innovation and academic excellence, where knowledge is truly empowered. The exceptional faculty and the fabulous support I received from the institute made my learning journey enriching and transformative, helping me grow both academically and personally. With its inspiring environment, the institute nurtures creativity, research, and the development of future-ready professionals.

**R Aishwarya**

2019-2023 batch

Backend developer ,IBM ISL

I am grateful to FISAT for an incredible four-year journey filled with learning, guidance, and opportunities. The supportive faculty, vibrant campus life, and strong placement support played a key role in helping me secure my role at IBM ISL and shape my career path. The college not only gave me a strong technical foundation but also encouraged adaptability and self-learning — skills that proved invaluable when I balanced my final semester with my internship at IBM ISL. The hands-on learning environment and collaborative culture at FISAT have truly prepared me to take on the challenges of the professional world with confidence.

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