



FISAT®

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY

AUTONOMOUS



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icon

ANNUAL NEWSLETTER

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

VOL. 16 MARCH 2026



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VISION

To become a centre of excellence in computer science, developing competent and socially responsible professionals with strong problem-solving skills, catering to the dynamic requirements of industry and society by promoting sustainable development and quality research.

MISSION

M1 – (Teaching – Learning): Inculcate a passion for academic excellence through innovative and industry-aligned teaching-learning practices that foster critical thinking and problem-solving.

M2 – (Research & Innovation): Create opportunities for students to pursue research, innovation, and entrepreneurial initiatives that address real-world challenges with sustainable and impactful solutions.

M3 – (Values & Social Responsibility): Nurture the students to be technically competent, morally upright and socially responsible computer science engineers to meet global challenges.



INSTITUTIONAL MILESTONE

Autonomous Status Awarded

The Federal Institute of Science and Technology (FISAT) has been granted Autonomous Status starting from the 2026 batch onwards, marking a significant milestone in the institution's academic journey.

With this achievement, FISAT gains the authority to design and update its own curriculum, assessment systems and academic practices, while continuing its affiliation with **APJ Abdul Kalam Technological University (KTU)** and adhering to the regulations of **UGC** and **AICTE**.

This development significantly enhances the academic flexibility of the institution and ensures that students receive a contemporary, skill-oriented and industry-ready education. The autonomous status is expected to elevate the overall quality of education and strengthen FISAT's position as a leading centre for engineering excellence.



Mr. Shimith P R
Chairman, FISAT

It is indeed a matter of pride to note that the Department of Computer Science and Engineering is publishing the annual newsletter ICON 2026. Such initiatives provide an excellent platform to showcase the academic accomplishments, innovative ideas, and vibrant activities of the department.

In today's technology-driven world, the field of computer science plays a crucial role in shaping the future. I am glad to see the department continuously striving to equip the students with knowledge, skills and values necessary to meet the challenges of the digital era.

I appreciate the sincere efforts of the Head of the Department, faculty members and the students for bringing out this publication. Their dedication reflects the strong academic culture and collaborative spirit of the institution.

I extend my best wishes to the editorial team of ICON 2026 and hope that this newsletter continues to inspire excellence and innovation in the years to come.



Dr. Jacob Thomas V
Principal, FISAT

It gives me immense pride to address the readers of ICON 2026, the annual newsletter of the Department of Computer Science and Engineering at FISAT. This publication stands as a testament to the creativity, dedication and intellectual vibrancy of our students and faculty.

The Department of CSE has consistently been at the forefront of nurturing talent that not only excels academically but also contributes meaningfully to the society. In an era defined by rapid technological transformation, our students and researchers continue to demonstrate resilience, adaptability and a spirit of exploration. Their achievements in academics, research, and co-curricular pursuits reflect the department's commitment to holistic growth.

As we look ahead, I am confident that the Department of CSE will continue to uphold the values of excellence, innovation and integrity, strengthening FISAT's reputation as a hub of knowledge and progress.



Dr. Mini P R
Vice Principal, FISAT

I congratulate the Department of Computer Science and Engineering for publishing the next volume of ICON, highlighting its varied extracurricular and scholarly endeavours. The department's efforts are reflected in its excellent results in the university examinations and the achievements in curricular, co-curricular, and extracurricular activities. I express my sincere appreciation to the newsletter team. Best wishes to the faculty and students of the department for success in all their future endeavors.



Dr. Unni Kartha G
Dean (Academics)

It gives me great pleasure to extend my greetings to the Department of Computer Science and Engineering on the occasion of the release of ICON 2026, the Annual Newsletter of the department.

The field of Computer Science continues to evolve at an unprecedented pace, driving innovation across all sectors. In this dynamic landscape, the role of academic institutions in nurturing technically competent, ethically grounded, and socially responsible engineers becomes increasingly significant. I am pleased to note that the Department of Computer Science and Engineering has consistently demonstrated excellence in academics, research, and co-curricular activities.

ICON 2026 stands as a reflection of the department's vibrant academic environment, showcasing the achievements, initiatives, and creative pursuits of both students and faculty. Such efforts not only document progress but also inspire a culture of curiosity, collaboration, and continuous learning.

As the institution moves forward in its journey towards academic autonomy, I am confident that the department will continue to scale new heights, embracing innovation and maintaining high standards of quality in education and research.

I congratulate the editorial team and everyone involved in bringing out this newsletter and extend my best wishes for their future endeavors.



It gives me immense pleasure to present ICON 2026, the annual newsletter of the Department of Computer Science and Engineering, FISAT. This newsletter reflects the vibrant academic environment, innovative spirit and collective achievements of our students and faculty throughout the year.

The field of Computer Science continues to evolve at an unprecedented pace, shaping the future through technologies such as Artificial Intelligence, Data Science, Cyber Security, and Cloud Computing. Our department remains committed to nurturing young minds with strong technical knowledge, research aptitude, and ethical values so that they can contribute meaningfully to the society.

Over the past year, our students and faculty have actively participated in various technical events, workshops, hackathons, research activities and community initiatives. Their accomplishments in academics, innovation, and co-curricular activities highlight the dedication and collaborative culture within the department.

ICON 2026 serves as a platform to showcase these achievements, share knowledge, and celebrate the creativity and hard work of our academic community. I congratulate the editorial team and all contributors who worked diligently to bring out this wonderful edition.

I hope this newsletter inspires our students to continue exploring new ideas, embracing challenges and striving for excellence.

Wishing ICON 2026 great success.

Dr. Paul P Mathai

Head of the Department

Department of Computer Science and Engineering, FISAT



Dr. Paul P Mathai
HoD, Dept. of CSE

Grant Release of the last edition of ICON 2025





ACCTHPA 2025 – Advanced Computing and Communication Technologies for High Performance Applications

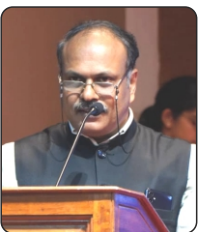
The Department of Computer Science and Engineering successfully organized ACCTHPA'25, the Seventh International IEEE Conference on Advanced Computing and Communication Technologies for High Performance Applications, on 18th and 19th July 2025 at FISAT, Cochin, Kerala.

The conference served as a prestigious international forum for researchers from academia and industry to exchange ideas, present research findings and discuss emerging trends in high-performance computing and communication technologies.



The conference was inaugurated by Dr. Manoj B S, Chair, IEEE Kerala Section and Senior Professor at the Indian Institute of Space Science and Technology, Thiruvananthapuram. The event featured distinguished keynote addresses by Dr. Vinod P (Professor and Head, Department of Computer Applications, CUSAT), Dr. Gang Li (Professor, School of Information Technology, Deakin University, Australia) and Dr. Amrith Krishna (CEO of SKILLZO and AI Researcher). The keynote sessions explored cutting-edge themes including High-impact research directions, Machine unlearning, Cyber propaganda suppression and Practical perspectives on Artificial General Intelligence.

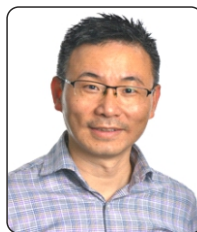
Approximately 72 research papers were presented during the conference, showcasing innovative research contributions and technological advancements. The technical sessions encouraged insightful discussions, interdisciplinary collaboration and knowledge exchange among participants. ACCTHPA 2025 significantly strengthened FISAT's research culture and expanded its engagement with the global academic and research community, reaffirming the department's commitment to excellence in computing research.



Dr. Manoj B S



Dr. Vinod P



Dr. Gang Li



Dr. Amrith Krishna



A six-day online Faculty Development Programme (FDP) titled “Strategic Approaches and Emerging Trends in Data Science” was successfully conducted from 10th to 15th February 2025 under the ATAL Academy initiative.

The programme was inaugurated by Dr. Ramesh Unnikrishnan, Former Director & Advisor, All India Council for Technical Education (AICTE). The inaugural function also featured a presidential address by Shri. Shimith P R, Chairman of FISAT. Felicitations were delivered by Dr. Jacob Thomas V, Principal, and Dr. Jyothish K John, Controller of Examinations (Autonomous).

Funded by the ATAL Academy with a grant of ₹1,00,000, the FDP served as a valuable platform for faculty members from diverse disciplines to explore the latest advancements in Data Science. The programme aimed to equip participants with both fundamental and advanced knowledge of Data Science concepts, tools, and techniques, enabling effective integration into academic curricula.

The FDP featured an esteemed panel of 13 keynote speakers, including 5 industry experts and 8 renowned academicians from across the globe. A total of 13 sessions, each of 1.5 hours duration, were conducted covering key domains such as Machine Learning, Deep Learning, and Generative Models.

The sessions were organized in accordance with ATAL Academy guidelines and concluded with a valedictory session on 15th February 2025. The programme emphasized experiential learning through hands-on

sessions and interactive discussions, fostering both conceptual clarity and practical skills.

Designed to be inclusive and accessible, the FDP was offered free of cost, with registration and certification facilitated through AICTE under the ATAL Academy. The initiative also aligned with the objectives of the National Education Policy (NEP) 2020.

The programme witnessed an overwhelming response, with over 500 participants from varied academic backgrounds registering for the FDP. An assessment test was conducted at the end of the programme. Participants were required to maintain a minimum of 80% attendance and secure at least 70% marks to qualify for certification. Successful participants received certificates through the ATAL portal.

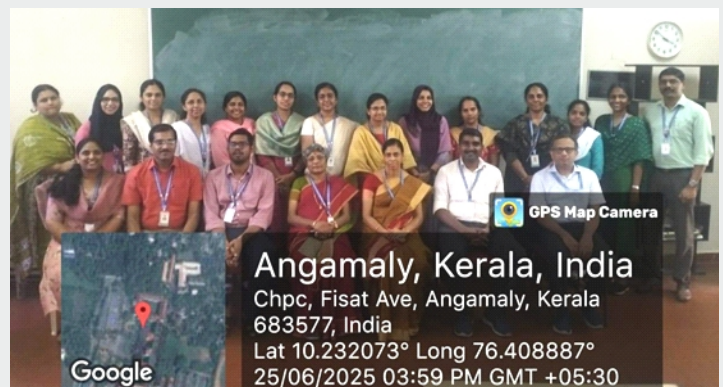
The programme was effectively coordinated by CSE faculty Lt. Dr. Prasad J C and Dr. Ierin Babu, whose efforts ensured its smooth execution and success.



Faculty Orientation Programme

The Department of Computer Science and Engineering organized a three-day faculty orientation programme on 'Introduction to Artificial Intelligence and Data Science' from 23rd to 25th June 2025.

The resource persons were Ms. Honeymol P Chacko (Faculty, S&H Dept.), Mr. Sumesh G (Faculty, S&H Dept.) and Mr. Pankaj Kumar G (Faculty, CSE Dept.). It was successfully coordinated by Ms. Nithya Paul (Faculty, CSE Dept.).





The Annual CSE Day – MANTRA 2025 was successfully conducted on 3rd April 2025 by the Thyra CSE Students Association, upholding its mission to encourage the B.Tech students of the Department of Computer Science and Engineering to showcase their potential and foster a spirit of healthy competition. A major highlight of Mantra 2025 was the Final Year Project Exhibition, inaugurated by Dr. Mini PR, Vice Principal, FISAT, at the auditorium.

To recognize exceptional contributions in academics, extracurricular achievements and departmental engagement, the prestigious title of **Best Outgoing Student** in CSE was awarded to **Ms. Agnes Shibu** of S8CSE A for her exemplary accomplishments. This year also marked a milestone, as the first batch of Computer Science and Design graduates, with **Mr. Rohan D Chacko** of S8CSD receiving the **Best Outgoing Student** award in CSD. **Ms. Smingle Simon** of S8 CSE B received the **Best Performer award** for her outstanding contributions to the department. Cash prizes and certificates were distributed to the winners of various competitions held as a part of MANTRA, including awards for the best projects and remarkable performances.



Shining Bright!!!

Best Outgoing Student (CSE)



Ms. Agnes Shibu

Best Outgoing Student (CSD)



Mr. Rohan D Chacko

Best Performer



Ms. Smingle Simon

MANTRA 2025 – Project Expo

The Project Expo, organized as part of MANTRA 2025, provided a dynamic platform for the final-year students to showcase their innovative projects and technical expertise. The event aimed to foster creativity, strengthen problem-solving skills, and encourage the practical application of engineering knowledge to real-world challenges.

The S8 B.Tech students presented a wide range of projects that reflected their domain knowledge, technical proficiency and innovative thinking. The expo offered valuable exposure by enabling students to transform theoretical concepts into practical solutions, while also receiving constructive feedback from faculty members and industry experts.

A special highlight of this year's expo was the institution of the Anuranj Memorial Main Project Award, recognizing exceptional student projects. The winners were honoured during the valedictory ceremony of MANTRA 2025 and applauded for their innovation, technical excellence and impactful contributions.



Best Main Project Awards - 2025

CSE

- ◆ Position I (₹4000/-)
 - ✦ Team Member: Mr. Akhil Babu
 - ✦ Title: CodeGuard: Comprehensive Software Security Analysis Platform
- ◆ Position II (₹2000/-)
 - ✦ Team Members: Joel Johnson, Polwin Davis, Shaun Xavier, Shihan Shajahan
 - ✦ Title: Virtual Reality Training for Semiconductor Manufacturing

CSD

- ◆ Position I (₹4000/-)
 - ✦ Team Members: Abin Jomy, Joshua Biju Korah, Noel Jacob, Rayhan Abdulla
 - ✦ Title: Human Resources Management Software

Best Mini Project Awards - 2025

- ◆ Position I (₹3000/-)
 - ✦ Team Members: Rahul K J, Sahil Shefeek, Sidharth C J
 - ✦ Title: VirtuAid
- ◆ Position II (₹2000/-)
 - ✦ Team Members: Nandana J, Sandra Mariya George, Stiya Johnson, Vishnuhari VA
 - ✦ Title: HireXpert

Patents Published and Granted – 2025

The Department of Computer Science and Engineering proudly announced the successful publication and granting of multiple patents through the collaborative efforts of its faculty members and students, reflecting a strong culture of innovation, mentorship, and experiential learning, with the patents spanning diverse and socially impactful domains such as sustainable solutions, smart household products, assistive technologies, safety mechanisms, and user-centric consumer innovations, each developed through close collaboration where ideas were carefully conceptualized, refined, and transformed into patentable outcomes. The department congratulated all faculty members and student inventors for their dedication and hard work, noting that these achievements significantly strengthen the institution's research ecosystem while inspiring future innovators to actively pursue intellectual property creation and technology-driven problem solving.

Granted Patent – 2025

The patent titled “IoT-Based Chair/Cot Usage Detector” has been successfully granted to Mr. Noble G, Assistant Professor (Special Grade), marking a significant achievement in smart infrastructure innovation. The invention focuses on monitoring usage patterns of chairs and cots through IoT-enabled tracking systems, enabling efficient space utilization in institutional and administrative environments. By generating real-time data and actionable insights, the system aids in optimizing resource management, minimizing wastage, and enhancing operational efficiency across facilities.



List of Published Patents – 2025

Patent Title	Description	Inventors
Soap Recycling Device for Converting Residual Soap into Liquid Hand Wash	Converts leftover soap into liquid hand wash, promoting sustainability and reducing wastage.	Student Inventors: Sooreya Narayanan M S, Suha M, Suryakiran A B, Suryanarayan K S, Swathi A Ajith, Thomas Rojan Martin, Tridev B Govind, T R Yadhu Krishna, Vishnunath E V Faculty Inventors: Dr. Paul P Mathai Mr. Noble G
NutriLid: Smart Food Lid with Integrated Nutritional Analysis	Helps monitor nutritional intake and encourages healthy eating habits.	Student Inventors: Nevin Binu, Niketh P P, Neha Sarah Nihil, Niya Eldho, Noel Johnson, Parthasarathy Manu, Parvathy Shyju, Vivek Sivan Faculty Inventors: Dr. Arun Kumar M N Mr. Noble G
Omni-Directional Spray Bottle with Weighted Flexible Suction Tube	Enables continuous spraying even when tilted or inverted.	Student Inventors: Rohan Krishnadas, Raneem Shad K, Rose Joe, Roshan Siblu Markose, Rosmia Renoj, Saif Mohamed Shaheed, Sandeep S, Sandra M Faculty Inventors: Ms. Shimy Joseph Mr. Noble G
Serving Tray with Integrated Mechanism for Contactless and Spill-Free Placement of Cups and Coasters	Allows hygienic, spill-free and contactless serving.	Student Inventors: Akshai M, Aleena Antony, Alka M, Aneeta Saju, Anna Paul, Arvind M, Arya Sajeev, Devanarayanan J Faculty Inventors: Dr. Ierin Babu Mr. Noble G
Multifunctional Inflatable Headrest Convertible into a Handbag	Combines portability and comfort for travellers.	Student Inventors: Shivani Sunil, Shreya KA, Sneha Kabeer, SnehaPaul, Snigdha S Menon, Sreegovind K S, Sreehari N T, Sreya S Faculty Inventors: Dr. Paul P Mathai Mr. Noble G



Self-Dispensing Toothbrush with Replaceable Head and Integrated Oral Care Kit	Integrates multiple oral care features into a hygienic system.	Student Inventors: Paulose Aji, Pooja Suresh, Pranatha Pradeep, Pranav K A, Pranav Prince, P T Vyshakh, Rohan Renjit Simon Faculty Inventors: Lt. Dr. Prasad J C Mr. Noble G
Mechanical Door Lock with Internal Emergency Release and Privacy Protection Mechanism	Provides enhanced safety with emergency release and privacy features.	Student Inventors: Asher Thomas, Ashika K, Asna Shameer N A P, Austin Wilbert, Basil Joseph Biju, Dany Sibin, Dathathreyan M N, Devadarsh A S, Devika Menon Faculty Inventors: Dr. Reshmi R Mr. Noble G
Bi-Directional Wireless Item Tracking System with Mutual Signalling Capability	Enables two-way tracking for locating misplaced items efficiently.	Student Inventors: T S Keerthi Lakshmi, Unnimaya P M, Vaidehi Sajeesh, Vaisali M, Vanidevi Thulasidas T, Varshni H, Vijay Sivadas V S, Vishnu J J, Vismaya Sunil Kumar Faculty Inventors: Ms. Soumya S Raj Mr. Noble G

advancements and workforce needs; these programmes are delivered through the Centre for Future Skills and Training (CFS), established during the academic year 2025–2026, which serves as a dedicated platform to bridge skill gaps, provide hands-on technical training, promote certification-oriented learning, and enhance industry readiness, enabling students to earn globally recognized certifications from leading technology companies while developing practical expertise, industry-oriented competencies, and competitive employability skills, thereby reinforcing the department's commitment to producing industry-ready engineers and reflecting FISAT's forward-thinking approach to engineering education.

Admission Year	Name of the Course/Track	No of Students Attended	Certification Agency
2022	AWS Cloud Foundation	197	AWS Academy
2023	Hibernate & Springs (Java Full Stack)	207	Stem.Org
2024	React JS (MERN Stack)	222	Stem.Org
2025	HTML 5 Application Development	223	Pearson VUE

Memorandum of Understanding (MoU)

The Strategic MoUs signed in 2025 strengthened the industry-academia collaboration and enhanced student opportunities.

Organization	Purpose
IEEE Kerala Section	Technical Collaboration & Conferences
ICT Academy of Kerala	Skill Development & Faculty Training
Ethnotech Academy	NSDC Certification Programmes
Industry Partners (Multiple)	Internships & Placement Support
Archon Solutions	Skill Development

NSDC-Supported Add-On Programmes

The Department of Computer Science and Engineering at FISAT continues to strengthen industry-aligned education through NSDC-supported skill development programmes implemented under a structured industry-academia collaboration model, in association with Ethnotech Academy, Bangalore, an authorized training partner of the National Skill Development Corporation (NSDC), offering short-term certification courses in high-demand domains such as Artificial Intelligence, Data Science, Cloud Computing, and Cyber Security, designed to equip students with practical skills aligned to current technological

Excellent placement performance with strong participation from leading multinational companies. Students secured placements across IT services, consulting, product companies and emerging startups.

Programme	Eligible Students	Students Placed	Top Recruiters
CSE	106	84	TCS, UST, IBM, Infosys, EY, CTS
CSD	57	45	TCS, Nalashaa UST, CTS

Placement Statistics



- TCS
- CTS
- Ernst & Young
- Poornam
- UST
- KPMG
- Intellipaat
- Mitsogo
- G10X India Pvt Ltd
- Orion
- People10
- Infosys
- Nalashaa
- Zero Pixels
- Sutherland
- IBM
- Quest Global
- Ruby Seven Studios
- Vanenburg
- Webgeon Results
- 6D Technologies
- Allianz Cornhill BPO
- Aorus Tech
- LTI Mindtree
- PKJ Technologies Pvt Ltd
- RGB Broadcasting
- SAP
- Tismo Technology Solutions
- XR Horizon
- Experion
- Guidehouse
- Hashedin by Deloitte
- Ignitarium Technology Solutions
- Lektik
- Onflap Softwares
- Retyn Business Solutions

Aneeta Rose T R	TCS, KPMG
Anjal P Dijo	TCS, KPMG
Ann Maria Biju	TCS, EY, Zero Pixels
Ann Mariya Paulson	TCS, IBM
Ann Mariya Raju	TCS, EY
Ann Mary Jojy	TCS, Nalashaa
Anoop Berly	TCS
Antony J Chirayath	Webgeon Results
Antony Varghese Byju	Mitsogo
Aparnna K	TCS, People10, Zero Pixels
Devakrishnan K S	6D Technologies
Ditto V Jaison	CTS, TCS
Diya Chandra	TCS, Nalashaa
Eldho Jose	G10X India Pvt. Ltd., CTS
Fathimath Suhura	Poornam, Orion
Gautham Prasanth	TCS
Gautham T S	Ruby Seven Studios, Intellipaat
Gayathry N	TCS, EY
George Veerampully Joy	Poornam, Ruby Seven Studios
Gokul K Jayan	TCS, 6D Technologies
Goutham S Kumar	TCS
Govind M.H.	CTS, Ignitarium Technology solutions
Gregory Kurien	Webgeon Results
Hariprasad R	Poornam
Isac John Eralil	CTS
Jewel Joby	CTS
Justin Mathew Poonoly	Allianz Cornhill BPO, Intellipaat
Jyothika Sankar	TCS, Zero Pixels
Jyothy P R	CTS, EY
Karthik Prasad	G10X India Pvt. Ltd., TCS
Keerthana Vijay	TCS, SAP, People10
Kevin Rex	IBM, TCS-Digital
Kevin Shibu	TCS, Orion
Madhav T D	Allianz Cornhill BPO
Maria Baby	G10X India Pvt. Ltd., Poornam
Maria Elsa Santhosh	People10
Maria Francly	Poornam
Maria Gibi	Infosys
Merin Rose Eldo	TCS, EY

PLACEMENTS IN CSE	
Name	Company
Abhijith M	Sutherland, Webgeon Results
Abhimanue S	Mitsogo
Abhirami V S	TCS, Vanenburg, UST
Adinath Babu	CTS, EY
Adithya Das	TCS
Adwaith Shaju	CTS, TCS, UST, Zero Pixels
Agnes Shibu	IBM, Mitsogo
Aiswarya E S	TCS, Mitsogo, EY
Akhil Babu M K	People10, TCS Prime, Lektik
Aleena Mathews	Poornam
Aleena Monson	TCS
Alna Jose	Infosys, TCS
Amal Krishna M L	Vanenburg, TCS-Digital, UST
Anagha Venu	TCS, Orion, G10X India Pvt. Ltd.
Anandakrishnan M S	Mitsogo, TCS-Digital, Hashedin by Deloitte,
Ananthu Lavjen	TCS, Mitsogo
Aneena Antony V	People10



Michael Thaikkattil	Nalashaa, KPMG
Minha P M	EY
Mithun S Anil	TCS-Digital, Nalashaa
Mohammed Shibil K	TCS
Naeema Vezhappilly Sameer Sidiq	KPMG
Najad M	Poornam
Nandakishore K	TCS-Digital
Nandana U	CTS, SAP, Mitsogo
Naveen Antony P	Poornam
Navya Sreekumar	CTS, TCS, Vanenburg, People10
Neha N	TCS, EY
Nijai Giri	Orion, Intellipaat
Nova Steby	CTS, KPMG
Nuhad Ali C	Poornam
Polu Chacko	LTI Mindtree
Polwin Davis	XR Horizon
Rahul K R	CTS, TCS, Zero Pixels
Rahul Raj Thanden	TCS, Experion, UST, G10X India Pvt. Ltd.
Reena Biju	Quest Global
Ridhin Samuel	Orion, Guidehouse
Rinsha Yasmin P P	EY, KPMG
Roshni Genome	Mitsogo, KPMG
Sacheth B Raj	Intellipaat
Sana V M	Infosys
Sandra Ramesh	UST
Shaun Xavier	XR Horizon
Smingle Simon	KPMG
Sonal Sabu Thattil	CTS, TCS-Digital
Sreekutten P S	Orion
Srinand S	Tismo Technology Solutions, TCS, People10
Thomson T Jacob	TCS, Quest Global, Intellipaat
Timothi M Abey	TCS-Digital, People10
Vinu Ouseph	G10X India Pvt. Ltd., TCS-Digital

Adithi Jayakumar	Intellipaat
Aditya M	CTS, TCS, Nalashaa
Ajal Sajan	Aurus Tech, Onflap Softwares
Ajay Krishna M	TCS
Alan Philip	TCS-Digital
Aleesha Shaju	CTS
Ananya Brini	PKJ Technologies Pvt. Ltd.
Anna Dejo	TCS, EY, UST
Anna Isabel Babu	TCS
Ardra Anil A S	Intellipaat
Ashhad Ali M P	Sutherland, RGB Broadcasting
Ashwin Xavier	RGB Broadcasting
Athira S	Retyn Business Solutions
Athuldev U	TCS, UST
Dawn Shiju	Poornam, Sutherland
Farhan M Saigil	CTS, TCS
Fathima Ismail	TCS, G10X India Pvt. Ltd.
Gopika Rajendran	Tismo Technology Solutions
Jeevan Jaison	TCS-Digital, UST
Joshua Biju Korah	CTS, TCS-Digital
Karthika A G	EY
Lynn Moothedan	PKJ Technologies Pvt. Ltd., KPMG
Maria Nimitha	Infosys
Muhammed Maseeh V M	LTI Mindtree
Nandana Sreekumar	Infosys, EY, Intellipaat
Nandhana Viju	Infosys
Nikitha Varghese	TCS, UST, Nalashaa
Nivedita K Devanand	Aurus Tech
Noel Jacob	CTS, TCS
Pranav S Sunil	Poornam
Raphael Nixon	Ruby Seven Studios
Rayhan Abdulla	TCS
Richard Abraham	Orion
Rohan D Chacko	UST
Rohith Joju	TCS, Intellipaat
Saafa Nizam	KPMG
Salmiya Nazeer	TCS, G10X India Pvt. Ltd.
Sandra Rose Shijo	CTS, Mitsogo, TCS-Digital
Sarath Sasi	Quest Global
Sona Razmiya	Infosys, Sutherland
Tinu Sunny	Orion
Treesa Antony	TCS
V Ajay Krishnan	UST

PLACEMENTS IN CSD	
Name	Company
Abdhul Kalam E M	TCS
Abhiram Gopakumar Shini	CTS, Nalashaa, TCS Prime
Abin Jomy	TCS
Abreena K Bijy	TCS

Alumni Talk 2025

The Department of Computer Science and Engineering, under the banner of Thyra in association with FISTAA, organized an Alumni Talk and Meet on 8 August 2025 from 1:30 pm to 3:30 pm at the Main Seminar Hall, bringing together distinguished alumni Mr. Navaneeth M Nambiar (2020-2024), Mr. Neeraj Jose (2011-2015), Mr. Sherwin Varghese (2011-2015), and Mr. Nandu Kanan (2011-2015), who shared valuable professional insights and industry experiences with students, with the interactive session focusing on placement strategies, current industry trends, essential technical and soft skills, and the growing importance of start-ups and entrepreneurial thinking, while also highlighting adaptability, continuous learning, and professional integrity as key factors for long-term career success; the session witnessed active student participation with discussions on the relevance of CGPA, the role of internships and live projects, the importance of certifications, and the impact of extracurricular involvement on career growth, creating an enriching learning environment that helped students gain clarity on industry expectations, workplace culture, emerging technologies, time management, and the importance of building a balanced academic and professional profile, thereby strengthening alumni relations and inspiring students to strategically plan their future careers.



Alumni Day 2025

FISTAA Alumni Day 2025 was successfully organized by the FISAT Alumni Association (FISTAA) on 20 December 2025, bringing together a vibrant gathering of alumni, faculty members, and students for a day of reconnecting and professional engagement, with notable and enthusiastic participation from the Computer Science and Engineering (CSE) department. A significant number of CSE alumni attended the event, actively engaging in networking sessions and sharing their professional experiences. As part of the General Body Meeting held during the event, elections for department representatives were conducted, wherein Mr. Joel Bobby (2023 pass out) was elected as the Computer Science department representative; he was subsequently elected as the Secretary of FISTAA, reflecting the strong involvement of CSE alumni in association activities.



Mr. Joel Bobby
Secretary, FISTAA





KBAIC - Kerala Blockchain Academy Innovation Club (FISAT)

Research and Publication Essentials

On 17 October 2025, KBAIC-FISAT organized an invited talk on “Research and Publication Essentials” by Mr. Basil K. Jeemon, Assistant Professor in the Department of ECE, to introduce students to the foundational concepts and best practices in academic research and scholarly publishing, with the session highlighting the importance of research in academic and professional growth, effective structuring of research work, adherence to ethical publishing practices, and the process of transforming innovative ideas into publishable academic contributions.

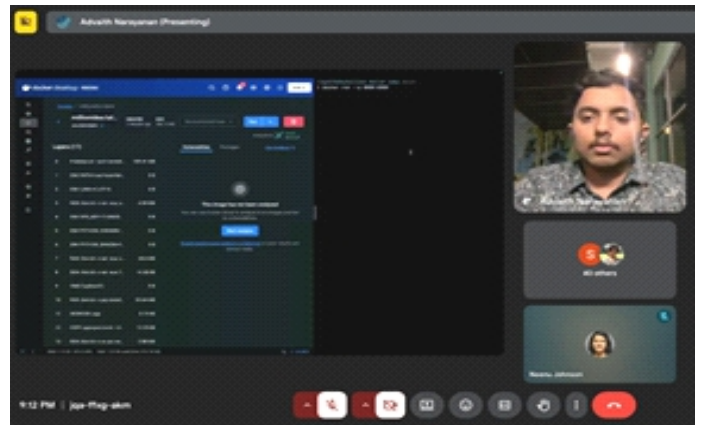
Students gained valuable insights into the research lifecycle - from ideation and literature review to documentation and publication - thereby strengthening their understanding of academic writing and scholarly dissemination.



Scrum Stories: Simplifying Docker and Containers

KBAIC-FISAT organized an engaging technical session titled “Scrum Stories: Simplifying Docker and Containers” on 22 October 2025, featuring industry experts Ms. Agnes Shibu and Mr. Advait Narayanan, Software Developers at IBM. The session introduced students to the core concepts of Docker and containerization, seamlessly integrating them with Agile and Scrum practices widely used in the software industry. The speakers elaborated on how containerization simplifies deployment processes, highlighted the significance of Docker in modern DevOps workflows, and demonstrated how Agile methodologies support collaborative development. They also shared best practices for achieving scalable and efficient software delivery. Through real-world industry examples, the

session provided valuable insights into how containerization enhances team collaboration, streamlines deployment, and accelerates product delivery, making it a highly informative and practical learning experience for the participants. The foundational concepts and best practices in academic research and scholarly publishing, with the session highlighting the importance of research in academic and professional growth, effective structuring of research work, adherence to ethical publishing practices, and the process of transforming innovative ideas into publishable academic contributions.



Sprint Smart: Powering Projects with Agile & JIRA

KBAIC-FISAT organized an invited session by Mr. Doni Cherian (Senior Associate in Management Consulting at PwC, Germany) on 21 October 2025 focusing on the transformative impact of Agile methodologies and JIRA tools in modern software project management, where the session covered core Agile principles and Scrum practices, sprint planning and workflow management, effective use of JIRA for tracking and collaboration, and strategies for enhancing team productivity through structured project execution, providing students with hands-on exposure to agile frameworks and practical approaches to efficiently deliver projects in dynamic development environments.



CCRC-EVENTS

National Conference on Computational Design and Interactive Technologies (NCDIT 2025)

NCDIT 2025 was a two-day National Conference organized by the Cognitive Computing Research Centre (CCRC), Department of Computer Science and Engineering, FISAT, held on 17th and 18th June, 2025 in hybrid mode (offline and online). The conference brought together researchers, academicians, industry professionals and students to exchange knowledge in the areas of computational design, human-computer interaction, machine learning, generative AI and LLM-based applications. Selected papers presented at the conference were published in a conference proceedings book with an ISBN number. The National Conference was coordinated and successfully conducted by Mr. Pankaj Kumar G, Assistant Professor, Department of CSE, FISAT.

Azure Core: Cloud Engineering Essentials

The CCRC organized a focused workshop titled "Introduction to Azure Core: Cloud Engineering Essentials" on 29th and 31st July 2025 at FISAT. The workshop, conducted by Mr. Pankaj Kumar G, Assistant Professor, Department of CSE, provided the students with a hands-on exposure to Microsoft Azure's cloud platform, covering foundational cloud engineering concepts and practical skills essential for modern software development and deployment. The event was coordinated by the staff-in-charges - Dr. Siyamol Chirakkarottu (Associate Professor) and Ms. Meera Treesa Mathews (Assistant Professor), Department of CSE, FISAT. The student coordinators were Ms. Ziya K V of S7CSD and Ms. Sandra Mariya George of S7CSE C.



INNOVISTA – Second Innovation Challenge 2025

INNOVISTA, the Second Innovation Challenge, was organized by the CCRC on 17th July 2025 at FISAT. The event invited students to present innovative projects developed beyond their regular academic curriculum, showcasing out-of-the-box thinking across AI/ML and Full Stack Development domains. The challenge was coordinated by Mr. Pankaj Kumar G (Assistant Professor) and Ms. Merin Cherian (Assistant Professor), with an expert evaluation panel comprising of Dr. Siyamol Chirakkarottu (Associate Professor) and Dr. Hema Krishnan (Associate Professor). The notable winning projects included DerainNet (a U-Net Autoencoder for rain removal), Ambient Loop (a full-stack web application), and Data-Driven Early Identification of Post-Partum Health Concerns, among several other innovative submissions.

Winners – INNOVISTA 2025

Prize	Track	Project / Team
1st	AI/ML	DerainNet – (Nandana J, Sandra Mariya George, Stiya Johnson, Vishnuhari V A)
1st	AI/ML	Data-Driven Early Identification of Post-Partum Health Concerns – (Rhithika M Pradeep, Gouri S, Harinandana K Biju, Sreelakshmi P)
1st	Full Stack	Ambient Loop – (Rahul K J, Sidharth CJ, Sahil Shefeek)
2nd	AI/ML	YOLOv8-Based Unattended Child Detection System – (Susan Joy, Sethulakshmi P A, Rozalia C Varghese, Shifa Mol K H)
2nd	Full Stack	Faculty Information Management System – (Irin Justin, Maria Nathasha Bijumon)
3rd	AI/ML	Sentimental Analysis on Hotel Review – (Sharika S, Sona Maria Sony)
3rd	Full Stack	AI Quiz Prep – (Naila K S, Neeraj Suresh)



CCRC Internship Programme

The CCRC launched its Internship Programme from 9th to 30th June 2025, offering the students a structured internship training in two domains - Web Development and AI/ML. The programme was organized under the Department of Computer Science and Engineering, FISAT, in association with the Institution's Innovation Council (IIC). A total of approximately 40 students participated in the programme, resulting in over 25 quality works across the two domains. The internship provided the participants with practical, industry-relevant experience and an excellent opportunity to build real-world projects under guided mentorship.

Introduction to Express JS

The CCRC in association with the Institution's Innovation Council (IIC), organized a workshop on "Introduction to Express JS" on 7th February 2025 at FISAT. The workshop was specifically designed to support students in their mini-project development, equipping them with practical knowledge of Express.js, for building fast and scalable backend web applications. The session was coordinated by Mr. Pankaj Kumar G (Assistant Professor), along with the student coordinators - Ms. Ziya K V (S6 CSD) and Ms. Nandana S (S6 CSD).

CSIEVENTS

Workshop on Web Application Development using React

The Department of Computer Science and Engineering, in association with the Computer Society of India (CSI) Student Branch, FISAT, organized a workshop on "Web Application Development using React" for the 5th semester students of Computer Science and Design on 19th, 30th & 31st July 2025. The resource Person was Mr. Anish S. Nair (Co-Founder & CEO, Logix Space Technologies Pvt. Ltd.). The sessions



covered the topics - Fundamentals of React, Component-based architecture, State management and routing, Building interactive and dynamic web interfaces and Industry best practices in front-end development. Approximately 61 students actively participated in the workshop. The sessions were highly engaging and interactive, allowing students to clarify doubts and understand real-world development workflows. The participants expressed their appreciation for the initiative, highlighting that the workshop significantly enhanced their practical knowledge and the confidence in web application development. The workshop was successfully coordinated by Ms. Divya John, coordinator CSI.

PTA PERSEVERANCE AWARD

Name	Class	Name	Class	Name	Class
NEVIN BINU	S2 CSE C	POURNAMI P	S4 CSE C	ANN MARY JOY	S8 CSE A
BAGATH K R	S2 CSE A	JOYAL JINNY	S4 CSE B	GOVIND M H	S8 CSE A
DHIYA ROSE FABIO	S2 CSE B	GANGA M U	S4 CSE B	AISWARYA LAKSHMI T R	S2ADS24
DEVI NANDANA K S	S2 CSE B	HARITHA BYJU	S4 CSE B	NITHYA PRAKASH	S2ADS24
SHREYA K A	S2 CSE C	ANSA ANTOO	S6 CSE A	RINY ROY	S4ADS23
PRANATHA PRADEEP	S2 CSE C	ANJALI	S6 CSE A	AUSTIN WILBERT	S2 CSD
DAYANAND	S2 CSE B	SWETHA SATHYAN	S6 CSE C	ASHER THOMAS	S2 CSD
NANDAKISHOR E	S2 CSE C	CHESNA JOHNSON	S6 CSE A	RADHIKA T R	S2 CSD
RIYANO ELZA REJI	S2 CSE C	RHITHIKA M PRADEEP	S6 CSE C	SONA NYJO	S4 CSD
SURYANARAYAN K S	S2 CSE C	PRANAV S NAIR	S6 CSE C	LAKSHMI P	S4 CSD
HENNA KURIAKOSE	S4 CSE B	HARINANDANA K BIJU	S6 CSE B	MOHAMED JISHAD	S6 CSD
KEERTHANA R NAMBIAR	S4 CSE B	KEERTHANA VIJAY	S8 CSE B	LIYA BIJU	S6 CSD
		ALEENA MATHEWS	S8 CSE A	ADITYA M	S8 CSD
				NIKITHA VARGHESE	S8 CSD

FCSEVENTS

Two-Day Workshop: “Logic to Silicon – Mastering Advanced Verilog”

The Department of Computer Science and Engineering, in association with FISAT Consultancy Services (FCS), organized a two-day intensive workshop titled “Logic to Silicon: Mastering Advanced Verilog” on 26th and 27th September 2025, from 9 am to 4.30 pm at FISAT. The workshop was conducted in connection with the courses: GAEST305 – Digital Electronics and Logic Design and PCCSL308 – Digital Lab. The primary objective of the programme was to provide the students with a practical exposure to Hardware Description Languages (HDL) and modern digital design workflows. The workshop



emphasized on Advanced Verilog, enabling students to bridge the gap between theoretical digital electronics and real-world silicon implementation. The key topics included-Fundamentals of Verilog HDL, Structural and behavioral modeling, Logic synthesis techniques, Circuit verification and Debugging and Translating logical design into hardware implementation.

The students from S3 CSE actively participated in the intensive hands-on sessions designed to strengthen their conceptual and practical understanding of digital logic systems. The sessions were highly interactive and included Live coding demonstrations, Guided laboratory exercises, Step-by-step circuit design implementation and Debugging and verification practice. Participants wrote and tested their own Verilog modules, validated outputs and resolved various design errors under expert guidance. By the conclusion of the workshop, the students could successfully implement multiple digital logic designs, significantly enhancing their technical confidence and hardware design proficiency. The workshop successfully strengthened students' understanding of Digital Electronics by integrating theory with real-world implementation practices. By connecting logic design concepts to silicon-level realization, the event empowered students with industry-relevant skills in hardware design and verification. The workshop was successfully coordinated by the faculty coordinators - Ms. Chethna Joy (Assistant Professor, Senior Grade), Ms. Gayathri I K (Assistant Professor, Special Grade), Ms. Neha Beegam P E (Assistant Professor) and Ms. Soosan Francis (Assistant Professor).

FISAT HORIZON CLUB

Project-Based Learning and Innovation

The FISAT HORIZON Club (FHC) continued its mission of promoting project-based learning, collaborative development and technical excellence throughout 2025. Through structured initiatives, flagship events, peer-learning programmes and digital innovations, the club created a dynamic platform for the students to transform their ideas into impactful solutions.

Project Development Initiative

As part of its 2025 activities, the FISAT Horizon Club successfully conducted the “Project Development Initiative” from January to June 2025, engaging 100 second-year Computer Science students in a hands-on learning programme. The participants were organized into 25 teams of four members each and were encouraged to work on small-scale projects aligned with their interests.

The initiative began with foundational training in Git and GitHub, focusing on version control and collaborative development practices. Each team was assigned a senior mentor who provided continuous guidance throughout the project lifecycle, ensuring systematic progress and effective execution.



FHC DevHub (March – June 2025)

The FISAT Horizon Club introduced FHC DevHub, a focused initiative conducted from March to June 2025, aimed at providing advanced project development experience to selected students from the Department of Computer Science and Engineering. A total of 15 students were chosen to participate in this specialized programme, where they worked on real-world projects as part of a dedicated core project team.

FHC DevHub adopted a project-centric approach, guiding students through the complete Software Development Life Cycle (SDLC), from ideation to deployment. The initiative promoted the formation of multi-disciplinary teams, encouraging collaboration among students with diverse technical skill sets. Participants gained valuable hands-on experience in project planning, development, testing, and deployment, mirroring professional industry practices.

Serving as a platform for deep learning and innovation, FHC DevHub enabled students to gain first hand exposure to real-world software development workflows, significantly enhancing their technical competence and readiness for industry challenges.

BUILD HER UP

The women members of the FISAT Horizon Club organized “Build Her Up” on 8 July 2025, a focused initiative aimed at encouraging greater participation of women in the field of software development. The session addressed key topics including essential skills required for placements, various career paths and development domains in software engineering, and the importance of increasing female representation in the technology sector.

The programme provided an empowering platform for women students to learn, interact, and build confidence, fostering a supportive environment that encouraged them to actively pursue careers in the tech industry.

GENESIS 2025

The FISAT Horizon Club successfully organized its first flagship event, “GENESIS 2025,” on 10–11 July 2025, bringing together over 200 participants from the Department of Computer Science and Engineering for a dynamic two-day innovation programme. The event

featured Horizon.Hack(), a hackathon designed to introduce students to hackathon culture, where 40 teams participated in an intensive coding challenge. It also included a Buildathon, which focused on developing a functional product by the end of the second day, with 10 teams showcasing their practical implementation and teamwork skills.



GENESIS 2025 provided a vibrant and competitive yet supportive environment that encouraged creativity, problem-solving, and hands-on learning, making it a significant platform for students to gain real-world development experience.

BYTE 2.0 - Peer Learning Platform

The FISAT Horizon Club successfully organized BYTE 2.0, a structured peer-learning initiative conducted from July to December 2025, aimed at strengthening students' practical technical skills through guided mentorship. The programme witnessed the active participation of over 100 students from the second and third year of Computer Science and Engineering (CSE) and Electronics and Communication Engineering (ECE).

BYTE 2.0 followed a mentor–mentee model, with sessions conducted twice a week during the evenings. The initiative covered key domains such as Introduction to Web Development and MERN Stack Development, focusing on building a strong foundation in modern development practices.

The sessions emphasized hands-on learning, real-world development workflows, and practical implementation rather than purely theoretical instruction. While senior students enhanced their leadership and mentoring abilities, junior participants gained greater clarity and confidence in software development, making BYTE 2.0 a highly effective platform for collaborative learning and skill enhancement.



FHC Portal – Digital Innovation

The FISAT Horizon Club has developed an exclusive digital portal to streamline project-based learning and enhance club operations, currently supporting over 500 active users from the Department of Computer Science and Engineering. The portal offers a comprehensive set of features including activity tracking for workshops and events, event registration and discovery, an automated QR-based attendance system, automated certificate generation, and a project collaboration platform, significantly reducing administrative overhead. Serving as a centralized hub, the platform enables students to explore projects, register for events, collaborate with peers, and gain hands-on experience, effectively bridging the gap between classroom learning and real-world application. The staff coordinators were Ms. Shimy Joseph (Assistant Professor, Senior Grade) and Ms. Soney R Nadh (Assistant Professor).

ELEVATE-X

The FISAT Horizon Club organized ELEVATE-X on 24 September 2025, an exclusive orientation and engagement programme designed to introduce first-year students to the club and its dynamic project ecosystem, with the session emphasizing early exposure to project-based learning, skill development beyond the classroom, and an understanding of industry expectations and standards, while alumni shared insights from their professional journeys, highlighting career growth and the lasting impact of meaningful technical experiences during their college years, and a unique highlight of the programme was an interactive segment featuring technical games developed by the club itself, providing an immersive experience that inspired freshers to actively participate in future initiatives.

Backend Development Workshop

The FISAT Horizon Club organized a Backend Development Workshop on 4th December 2025 exclusively for third-year Computer Science and Engineering students, with 60 participants, where the session introduced key concepts including backend architecture fundamentals, server-side processing, data handling and APIs, and integration between frontend and backend systems, while emphasizing real-world backend

workflows to equip students with the clarity and confidence required to pursue backend and full-stack development roles; through such structured initiatives, along with technical workshops, hackathons, peer learning programmes, and digital innovations, the club successfully fostered a culture of project-driven learning, collaboration, and technical excellence throughout 2025, continuing its mission to bridge the gap between academic learning and industry expectations by empowering students to innovate, build, and lead.

THYRA CSE ASSOCIATION

Celebrating Creativity, Collaboration and Technical Excellence

The Thyra CSE Association continued its tradition of organizing vibrant academic and cultural initiatives that foster student engagement, technical growth and community bonding within the department.

Excentra 2025

Excentra 2025, the flagship fresher's event of the Thyra CSE Association, was successfully conducted on 23 September 2025 to warmly welcome first-year Computer Science and Engineering students into the FISAT community, creating an inclusive and vibrant atmosphere that fostered camaraderie and celebrated the creative spirit of the department, while providing a dynamic platform for freshers to integrate into campus culture through activities that encouraged creative expression, teamwork, and stage confidence; the event significantly strengthened unity and a sense of belonging within the CSE community, enhanced team-building and organizational skills among student coordinators, boosted the confidence and communication abilities of participants, and inspired active involvement in future departmental initiatives, thereby setting a positive and energetic tone for the new academic batch.





Technical Workshop on Laravel Framework

The Institution's Innovation Council (IIC), in association with the Thyra CSE Association, organized an in-depth technical workshop on the Laravel Framework on 24th September 2025 for S7 Computer Science and Engineering students, led by industry expert Mr. Vishnumohan K. The session offered a comprehensive overview of Laravel's architecture, highlighting its structured framework, maintainability, and efficient development practices, with a detailed explanation of the MVC architecture—covering Model for data integration, Controller for application logic, and View for user interface development—emphasizing its role in building scalable applications.

The workshop also included a practical workflow demonstration where students were guided through creating projects using Composer, understanding key configuration files, utilizing the .env file for application settings, managing configurations, and implementing routing for request-response handling. A hands-on session further demonstrated installing the Breeze authentication package, establishing database connections, and using migrations for database schema creation. Additionally, advanced Laravel features such as Eloquent ORM for database interaction, Blade templating for dynamic UI development, seeders for test data generation, and the Cashier package for subscription billing were introduced.

Overall, the workshop provided a holistic understanding of Laravel, bridging academic concepts with real-world development practices, and significantly enhancing students' practical knowledge, confidence, and readiness for full-stack web development in the industry. The Staff Coordinators were Ms. Lakshmi S (Assistant Professor, Senior Grade) and Ms. Soumya S Raj (Assistant Professor, Senior Grade).



FISAT FREE SOFTWARE CELL

Introduction to FOSS

The department of Computer Science and Engineering in association with FISAT Free Software Cell (FFSC) and Institution's Innovation Council (IIC) conducted the workshop “Introduction to FOSS” on 23rd, 24th, 27th and 29th January 2025, exclusively for the first year B.Tech Computer Science students and turned out to be a great success. The workshop mainly covered the topics - introduction to FOSS, familiarisation with basic linux commands and an introduction to GitHub. During the workshop, participants gained valuable insights from Ms. Keerthana Vijay and Mr. Nandakishore K of S8CSEB, who served as the session hosts. The familiarization with basic Linux commands was conducted as a hands-on session, during which students participated with notable enthusiasm and cooperation. The workshop concluded with an introduction to GitHub, followed by a discussion of its key features. Overall, the workshop was a significant success, ensuring that the students gained practical experience with and a solid understanding of basic Linux commands, which are essential for their future programming endeavours.



ICEFOSS 2025

The much-anticipated ICEFOSS 2025, organized by the Department of CSE, FISAT, was successfully concluded over two dynamic days, bringing together a series of expertly designed workshops and the thrilling CODEHUNT competition. The event blended hands-on learning with fun and adventure, attracting around 130 participants, including both internal students and external enthusiasts, all eager to explore the latest trends in technology and open-source software.

The event was officially inaugurated by Mr. Nipun Varma (Global Program Manager, UST), in a well-attended ceremony, with the event being presided over by Dr. Mini P R, Vice Principal, FISAT. The inauguration set the tone for a knowledge-driven and interactive programme aimed at empowering the next generation of technologists. On 11th and 12th September 2025, the participants immersed themselves in the workshop "Mastering GenAI & Retrieval Augmented Generation (RAG): From Fundamentals to Real-World Applications", conducted by industry experts Mr. Narayanan V Eswar (Software Developer, IBM), Mr. Pankaj Kumar G (Assistant Professor, CSE, FISAT) and Mr. Sreevishnu Damodaran (AI Solution Architect, TCS). On 12th September 2025, the workshop "Intro to Hugging Face: Train, Tune, Deploy" was led by Mr. Kurian Jijo (Software Engineer at IBM), offering a hands-on experience in deploying Machine Learning models using popular Open-source frameworks.

Simultaneously, the "Kickstart Your Journey in Data Science & ML" workshop, conducted by Mr. Majo Davis (Software Developer, Archon Solutions), provided the participants with a practical introduction to Data Science and Machine Learning concepts, paving the way for future innovators.

Adding to the excitement, the "Webcraft MERN Stack" workshop was conducted by Mr. Gregory Kurien (Associate Web Developer, Webgeon Results), and Mr. Govind MH (Ignitarium).

The series of workshops and the competitive CODEHUNT event provided participants with a valuable platform to enhance practical skills, connect with experts, and explore innovative solutions in the field of open-source technologies.



ACM STUDENT CHAPTER, FISAT

Edge+ 4.0

Edge+ 4.0, the flagship technical event organized by the ACM Student Chapter of FISAT, was held on 28th February and 1st March, 2025. This two-day celebration of technology and talent featured four technical workshops and a 24-hour hackathon, providing a vibrant platform for learning, innovation and collaboration. In the run-up to the main event, several online pre-events were conducted, engaging the participants in diverse technical and creative challenges. The main event was officially inaugurated by Ms. Madhuri D Madhavanpillai, Program Director at IBM. The ceremony was dignified by the presence of Mr. Shimith P R (Chairman, FISAT), Dr. Jacob Thomas (Principal, FISAT), Dr. Mini P R (Vice Principal), Dr. Paul P Mathai (HOD, CSE) and the Faculty Coordinators - Ms. Sruthy Suresh (Assistant Professor, Special Grade), Ms. Jismy Mathew (Assistant Professor, Special Grade) and Mr. Gautham Prasanth (Chairperson, ACM Student Chapter).



As a gesture of tribute to our esteemed faculty, the late Prof. Anuranj P, **Prof. Anuranj Memorial Trophy** cricket tournament was also held, fostering team spirit and remembrance. As a gesture of tribute to our esteemed faculty, the late Prof. Anuranj P, Prof. Anuranj Memorial Trophy cricket tournament was organised in his honour, fostering team spirit and remembrance.





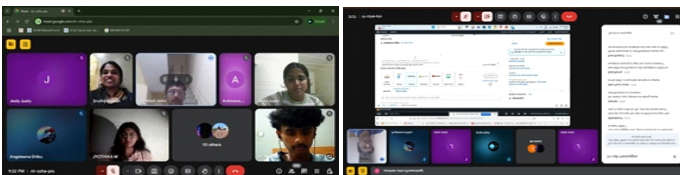
CELESTIA'25

The ACM Student Chapter at FISAT hosted an Inter-Collegiate Quiz Competition, CELESTIA'25, on 3rd April 2025. The event was hosted by Devananda S of S4CSEB and Rachel Elsa of S4CSEC. The Quiz consisted of a preliminary round that was conducted through an online quiz platform - 'Quizizz'. The top five teams of the preliminary round were selected for the final round, held at the Main Seminar Hall. The team “Curious Minds” - Timothy M Abey and Mithun S Anil of S8 CSE B won the first prize and “Smart Boys” - Neeraj Suresh and Sooraj C R of S6 CSE C emerged as Second prize winners in the competition.



AWS Talk

The ACM Student Chapter conducted a Talk session on “Above the clouds: AWS Demystified” on 25th July 2025. The event was hosted by Jesly Jesty of S3 CSE B and was primarily aimed at 2nd, 3rd and final year students. The session began with a warm welcome speech delivered by Antreena Babu of S3 CSE A followed by a brief introduction on the topic by the faculty coordinator - Ms. Sruthy Suresh (Assistant Professor, Special Grade). The session's speaker Dr. Jyothish K John delivered an insightful talk on the topic, explained the fundamentals of cloud computing and broke down the key services and features of Amazon Web Services (AWS) in a structured manner. The talk covered essential concepts such as scalability, security and real-world applications of AWS in various industries. His deep insights and relatable examples made the session highly engaging and informative, with 129 participants actively interacting throughout the



Renascence'25

The ACM Student Chapter of FISAT successfully organized Renascence 2025 on 13th September 2025, a vibrant one-day programme exclusively designed for the first-year CSE students to help them adapt to campus life, explore technology and build meaningful peer connections, featuring key segments such as “Build Your Tech Identity,” which guided participants on creating a strong professional presence through platforms like LinkedIn, GitHub, HackerRank and open-source contributions, emphasizing the importance of early digital profiling for career growth. An engaging Ice-Breaking Challenge comprising interactive activities and team-based games that fostered collaboration, creativity and communication among students, and also “Rejuvin-Alumni Connect Session,” where FISAT alumni shared their career journeys, challenges and achievements, offering valuable insights and motivation, elevated the event into a comprehensive and inspiring experience that encouraged the students to actively engage in learning, innovation and community building from the beginning of their academic journey.



Hour of Code'25

Hour of Code Programme was organized by the ACM Student Chapter, FISAT on 11th December, 2025 at Govt H S S, Mookkannoor for the students of 8th and 9th standard. The sessions were taken by Alna Alias, Suryanarayan K S, Saif Mohamed and Keerthana S of S4 CSE. The session was highly informative, enabling the students to learn the fundamentals of AI and prompt engineering.



ISACA Student Group

The Departments of CSE and MCA jointly formed the FISAT ISG (ISACA Student Group) under the ISACA Cochin Chapter on March 25th, 2025. ISG focuses on motivating the students to improve their interpersonal competencies and technical expertise spanning Cybersecurity, Artificial Intelligence, IT Strategy and Leadership Risk Management, Privacy and Data Protection by actively participating in seminars, webinars and interactive training sessions.



Understanding DPDPACT

A talk session organized by the ISACA Student Group (ISG) of FISAT took place on 27th September 2025 from 2:00 PM to 3:00 PM at the college campus. The session featured Mr. Deepu S, Chief Information Security Officer at Muthoot Microfin Ltd, as the speaker who led an engaging and informative discussion on the Digital Personal Data Protection (DPDP) Act, 2023.

He highlighted its role in safeguarding digital privacy and outlined how organizations should appropriately handle the collection, storage, and processing of personal data. He elaborated on the key provisions of the Act, including data fiduciary responsibilities, user consent management and penalties for data breaches. The speaker also emphasized the Act's importance for students and professionals, noting that a solid understanding of data privacy laws is crucial for those pursuing careers in Cybersecurity, IT, and Data Governance.



Adieu 2025: Celebrating Our Graduates



The Department of Computer Science and Engineering bid a heartfelt farewell to the graduating Batch of 2025, celebrating not just the end of an academic journey, but the beginning of countless new possibilities.

Over the years, this batch has distinguished itself through academic excellence, innovative projects and active participation in co-curricular and extracurricular activities. From coding competitions and technical events to design showcases and collaborative initiatives, the students have consistently demonstrated creativity, resilience and a passion for learning. The farewell event was filled with nostalgic moments, as students and faculty came together to reflect on shared experiences, cherished memories, and milestones achieved. Heartfelt speeches, cultural performances, and moments of appreciation made the occasion truly special.

As they embark on their professional journeys, we are confident that our graduates will carry forward the values, knowledge, and skills they have acquired during their time here. We wish them continued success and fulfillment in all their future endeavours. The department proudly celebrates the Batch of 2025 and extends its best wishes for a bright and successful future.





INDUCTION 2025

Vidyarambham – Welcoming the B.Tech 2025 Batch

The Induction Programme 2025, titled “Vidyarambham,” was conducted at the Federal Institute of Science and Technology (FISAT) on 18th August 2025 at 10:30 am, warmly welcoming the newly admitted B.Tech students and their parents, with the programme designed to introduce students to the institution's vision, academic structure and campus culture while setting a positive and inspiring tone for their academic journey. An exclusive orientation session for parents was also conducted in the afternoon, covering key aspects such as the academic curriculum, student support systems and institutional policies, providing clarity and reassurance regarding their ward's campus life and learning experience. With enthusiastic participation from both students and parents, the event successfully instilled confidence, motivation and a strong sense of belonging among the new batch, marking the beginning of a transformative journey into the FISAT community.



Internship at NeST

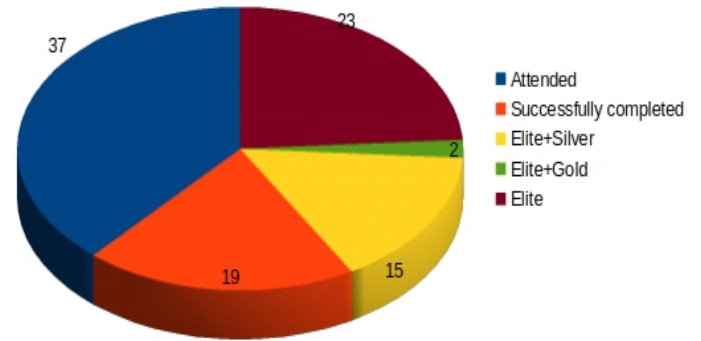
As a part of collaboration with NeST, 40 students from S4CSE completed their internship in the Angular Framework at NeST facility, Infopark, Kakkanad, in December 2025.



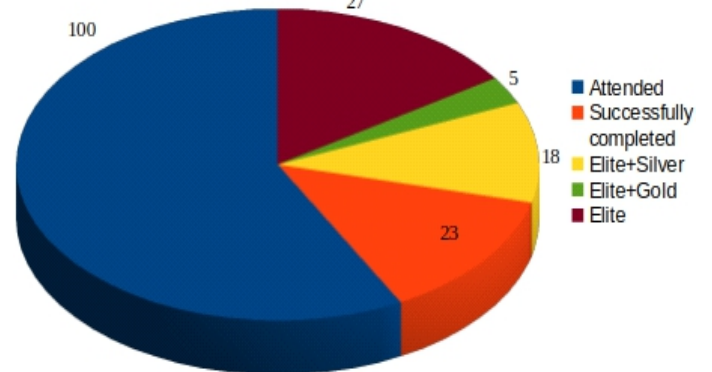
NPTEL MILESTONE!!!

FISAT is recognized as an Active Local Chapter during the Academic year 2024-25.

January - April 2025



July - December 2025



Faculty completed NPTEL courses during Jan-Dec 2025

Name	Course
Ms. Anitha T Nair	Python for Data Science
Dr. Hema Krishnan	Introduction to Machine Learning
Ms. Jishna N V	The Joy of Computing using Python
Ms. Lakshmi S	Introduction to Machine Learning
Ms. Meenu Mathew	Introduction to Machine Learning
Ms. Merin Cherian	OBE and Accreditation
Ms. Soumya S Raj	Introduction to Machine Learning
Ms. Sruthy Suresh	Introduction to Machine Learning
Ms. Sanitha P S	Database and Management Systems
Ms. Preethi N P	Introduction to Machine Learning
Ms. Remya R	Python for Data Science

Students completed NPTEL course with Elite+Gold & Elite+Silver certificate during Jan-Dec 2025

Name	Class	Course Name	Certificate Type	Remarks
Achyuth Menon	S4 CSE	Systems and Usable Security	Elite+Silver	
Adarsh Oommen John	S6 CSD	Human Computer Interaction (In English)	Elite+Silver	
Aleena K J	S6 CSE	Programming In Java	Elite+Silver	
Anlin William	S6 CSE	Python for Data Science	Elite+Silver	
Anna Lucia Gabriel	S6 CSE	Python for Data Science	Elite+Silver	
Basil Sabu	S6 CSD	Programming In Java	Elite+Silver	
Diya K D	S6 CSE	Programming In Java	Elite+Gold	Topper of 2% in this course
Fabin Sunny	S8 CSE	Sensors and Actuators	Elite+Silver	
Jascinta Varghese	S6 CSE	Programming In Java	Elite+Gold	Topper of 2% in this course
John Poly	S8 CSE	Sensors and Actuators	Elite+Silver	Topper of 5% in this course
Lakshmi P Menon	S8 CSE	Sensors and Actuators	Elite+Silver	
Neha Nishad	S6 CSD	Programming In Java	Elite+Silver	
Rueben Joseph Rex	S6 CSD	Foundation of Cloud IoT Edge ML	Elite+Silver	
Sony Babu	S6 CSE	Python for Data Science	Elite+Silver	
Sreerag K	S8 CSE	The Joy of Computing using Python	Elite+Silver	
Vaishnavi Aneesh	S6 CSE	Python for Data Science	Elite+Silver	
Abnitha San Roby	S6 CSE	Python for Data Science	Elite+Silver	
Aiswarya Lakshmi T R	S4 AI&DS	Introduction to Industry 4.0 and Industrial Internet of Things	Elite+Silver	
Aiswarya Mohan	S4 AI&DS	Introduction to Industry 4.0 and Industrial Internet of Things	Elite+Silver	
Antony Chacko	S6 CSE	Python for Data Science	Elite+Silver	Topper of 5% in this course
Devananda Vinod	S4 CSE	The Joy of Computing using Python	Elite+Silver	
Emin Jabir	S8 CSE	The Joy of Computing using Python	Elite+Gold	
Erin Antu	S8 CSE	The Joy of Computing using Python	Elite+Silver	
Fathima Nazar	S8 CSE	The Joy of Computing using Python	Elite+Silver	
Gowri S	S8 CSE	The Joy of Computing using Python	Elite+Silver	
Hadiya M K	S6 CSE	Introduction to Programming in C	Elite+Silver	
Harinandana K Biju	S8 CSE	The Joy of Computing using Python	Elite+Gold	
Keerthana Baiju	S4 CSE	Programming In Java	Elite+Silver	
Merin P Wilson	S8 CSE	The Joy of Computing using Python	Elite+Gold	
Merin Varghese	S8 CSE	The Joy of Computing using Python	Elite+Silver	
Nandana Nair	S6 CSE	Programming In Java	Elite+Silver	
Ninin K S	S4 CSE	The Joy of Computing using Python	Elite+Silver	
Sana K P	S6 CSE	Programming In Java	Elite+Silver	
Sheron Roy K Y	S8 CSE	Digital Circuits	Elite+Silver	Topper of 1% in this course
Shivani Krishnan	S8 CSE	The Joy of Computing using Python	Elite+Silver	
Swathy S S	S6 CSD	Programming In Java	Elite+Gold	
Yamini Jairaj	S6 CSD	Programming In Java	Elite+Gold	



Internship Milestones

The following students have successfully secured internships in reputed organizations, showcasing their skills and industry readiness:

Sl. No.	Student Name	Company
1	Kevin Rex	IBM, Kochi
2	Michael Thaikkattil	KPMG India
3	Navya Sreekumar	Rappit India
4	Polwin Davis	XR Horizon Pvt Ltd
5	Shaun Xavier	XR Horizon Pvt Ltd
6	Naeema Vezhappilly Sameer Sidiq	KPMG India
7	Nova Steby	KPMG India
8	Roshni Genome	KPMG India
9	Rinsha Yasmin	KPMG India
10	Smingle Simon	KPMG India
11	Sacheth B Raj	Intellipat
12	Merin Eldho	Ernst & Young
13	Diya Chandra	Nalashaa Solutions
14	Ann Mary Jojy	Nalashaa Solutions
15	Abhirami V S	Rappit (Vanenburg)
16	Amal Krishna M L	Rappit (Vanenburg)
17	Anjal P Dijo	IBM India Private Limited
18	Agnes Shibu	IBM India Private Limited
19	Abhijith M	Webgeon Results Private Limited
20	Gregory Kurien	Webgeon Results Private Limited
21	Antony J Chirayath	Webgeon Results Private Limited
22	Ann Mariya Paulson	IBM India Private Limited
23	Aneeta Rose T R	KPMG India
24	Ann Mariya Raju	Ernst & Young
25	Lynn Moothedan	KPMG India
26	Ajay Krishna M	Reflections Info System
27	Nikitha Varghese	Nalashaa Solutions
28	Saafa Nizam	KPMG India
29	Fathima Nazarin P K	Reflections Info System

INDUSTRIAL VISIT 2025

S6 CSE (A, B, C) & S6 CSD – 2023 Admission Batch

As part of the APJ Abdul Kalam Technological University (KTU) B.Tech curriculum, a five-day Industrial Visit was

organized for the sixth semester B.Tech students of CSE and CSD during the second week of December 2025. The primary objective of the visit was to provide the students with a practical exposure to industrial environments and modern technologies.

The Industrial Visit of S6CSEA was conducted at RDL Technologies, Mangalore and a total of 64 students of S6CSEA were accompanied by the faculty members - Dr. Paul P Mathai and Dr. Neenu Johnson from 10th to 15th December 2025. The visit helped the students understand the practical implementation of IoT, Automation and Smart Systems.



S6 CSE A

A total of 62 students of S6CSEB participated in the Industrial Visit from 12th to 17th December 2025, accompanied by the faculty members - Ms. Nithya Paul, Ms. Nisreen M Ali and Mr. Varun P Nair. The industrial visit was conducted at Abhimo Technologies, Mangalore.

A total of 52 students of S6CSEC participated in the Industrial Visit from 11th to 16th December 2025, accompanied by the faculty members, Ms. Sheelu Susan Mathews, Ms. Smija M B and Mr. Eldho P A. The industrial visit was conducted at Abhimo Technologies, Mangalore.

Abhimo Technologies is an IT solutions company specializing in software development, digital solutions, and professional training. During the interactive session, company professionals explained software development workflows, current industry trends, and career opportunities in the IT sector.



S6 CSE B



S6 CSE C

The students of S6CSD participated in a 5-day Industrial Visit and Educational Tour from 10th to 15th December 2025 accompanied by the faculty members - Ms. Merin Cherian and Mr Suresh E G. On 11th December, the main industrial visit was conducted at the 515 Army Base Workshop and MEG and Centre, Bangalore. The session provided students with an overview of military workshop operations, discipline, maintenance systems and organizational structure.



S6 CSD

Adjunct Faculty Appointment

The Department of Computer Science and Engineering is delighted to welcome Mr. Vishnumohan K as an Adjunct Faculty. An alumnus of FISAT (2011–2015, CSE), he brings over a decade of professional experience as a Full Stack Developer and DevOps Engineer, with a strong foundation in freelance development since his academic years.



Mr. Vishnumohan K

Mr. Vishnumohan specializes in building scalable, high-performance applications, modernizing legacy systems, and designing robust cloud and DevOps infrastructures. His expertise also extends to digital marketing and technical training, having conducted numerous hands-on sessions and workshops.

He has developed an AI/CV-based review and analysis system for Judo at the National Games 2015, led over 20 industrial and research projects, and guided more than 10 academic projects. Additionally, he has delivered 10+ expert talks and hands-on sessions in areas such as Machine Learning and Cloud Computing across conferences, workshops, and FDPs.

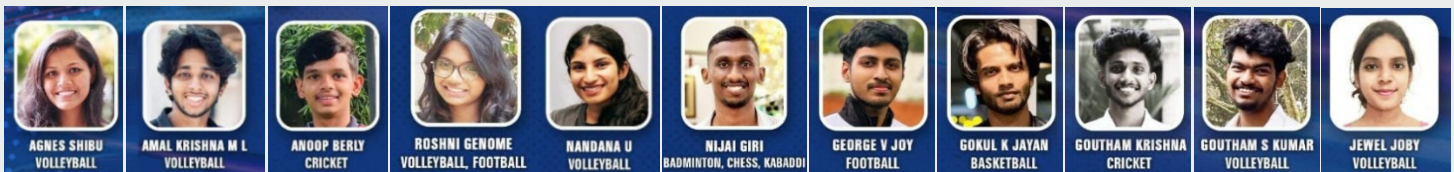
We warmly welcome him to the department and look forward to his valuable contributions.

THE TUG OF GLORY!

Gouri Nandhan (S8 CSD) was part of the men’s team that emerged victorious at the KTU Inter-Zone Tug of War Championship, contributing significantly to the team’s success. In recognition of his performance, he was subsequently selected to represent both the KTU team and the Kerala state team. Continuing his impressive run, Gouri Nandhan played a key role in the Kerala team that won the gold medal at the National Tug of War Championship held in February 2026, bringing laurels to the institution and the state.



Sporting Excellence: Class of 2025





GATE 2025 qualified

Eight brilliant students of the department of CSE got qualified in GATE 2025 examination. Kudos!!!



Hexcode'25

Abhimanue S (S8CSEA) and team won first prize of Rs.50000/- in Hexcode'25, a hackathon organized by Mitsogo in March 2025.



ACM Grand Prize

Mr. Gautham Prasanth, Chairperson, ACM Student Chapter FISAT (S8CSEA) secured the prestigious 2024-25 'Ambassadors for ACM' Grand Prize, earning a Microsoft Surface Go 2.



Funded Project

Mr. Akhil Babu M K (S8CSEA), Mr. Abhiram Gopakumar, Mr. Jeevan Jaison, Mr. Rohan D Chacko (S8CSD) under the guidance of faculty members - Dr. Arunkumar M N and Mr. Pankaj Kumar G, received KTU CERD Student Project Funding of Rs. 24000/- under the CERD scheme for student research and innovation for "Safespace VR for Rehabilitation".



Outstanding Volunteer

Mr. Gregory Kurien (2021- 2025 batch), former SPS Chair of IEEE FISAT SB, has been honoured with the IEEE India Council Outstanding Student Volunteer Award 2025. The award recognizes his exceptional volunteer service and leadership among the students. He received the award at the IEEE India Council International Conference held at the Bangalore International Institute of Information Technology.



Celebrating Excellence in Design

Mr. Rohan D Chacko (S8 CSD) secured 3rd position in All India Ranking in NID DAT MAINS and secured admission to National Institute of Design, Gandhinagar for M.Des in Transportation and Automobile Design.



Innovision 2K25, Paper Presentation Competition

Rhithika M Pradeep (S7CSEC) secured First Place in the Paper Presentation Competition held as part of Innovision 2K25, organized by the Department of Artificial Intelligence and Cyber Security at Ilahia College of Engineering and Technology on 29th July 2025. The mentor was Mr. Pankaj Kumar G, faculty CSE.



Student Name	Achievement Details
Abishek G (CSD 2024 -2028)	2nd prize in 'Inter Departmental Mathematics Quiz Competition' by MATHS CLUB FISAT, Department of Science and Humanities, on 10 th July 2025 1st prize in CTF conducted by Hexinox at 'Career Link 2.0' on 31st March 2025 2nd prize in 'Crossquest' by IEEE FISAT SB on 12th June 2025 1st place in Byte Battle Quiz organised by Thyra Association on 25th September 2024
Akhil Gireesh (CSE A 2022-2026)	Most Promising Student Volunteer Award (IEEE FISAT SB)
Amal Karthik P (CSE A 2022-2026)	Project qualified for the State Level Buildathon organised by OpenAI and NxtWave Buildathon on 20th December 2025.
Amy Chris C (CSE A 2025-2029)	1st Prize in PERPLEXIT held as part of Arcane 2.0 conducted by ISTE at FISAT on 25 September 2025
Anirudh R Nair, Agney, Sajeev Kumar Pillai (CSE A 2025-2029)	Part of the team who are the Winners of D-Zone Cricket Tournament held on 12 December 2025.
Anjali (CSE A 2022-2026)	Outstanding WIE Student Volunteer Award (IEEE FISAT SB)
Arya Sajeev, Devna M (CSD 2024-2028)	2nd position in the KTU D-Zone Basketball tournament held at Sree Narayana Gurukulam College of Engineering on 16th and 17th October 2025.
Ansa Antoo (CSE A 2022-2026)	Won Shinoy George Memorial Award given by Maths Club, FISAT
Austin Wilbert, Asher Thomas (CSD 2024-2028)	1st prize in the event Weblaze of Arcane 2.0 conducted by ISTE at FISAT on 25 September 2025
Bhounmik B Eugene, Blesson V, Abhinav K B, Amal Karthik A (CSE A 2022-2026)	1st prize in DiST INNOVX Codebytes Coding competition on 18th March 2025



Devadath S R (CSE B 2023-2027)	1st prize in Power Quiz 2025 online edition conducted by KSEB Officer's Association on 6th November 2025
Anupriya S (CSEA 2024-2028)	Excelled in the GSSoC (Girl Script Summer of Code) 2025 Ambassador programme and was also awarded the title "The Catalyst"(Silver Category) for her outstanding performance.
Devananda S (CSE B 2023-2027)	3rd prize in Idea Pitching competition, Electronics and Communication Heuristic Organisation (ECHO) in connection with department of ECE, FISAT on 16th July 2025
Dhipa Mariya Paul (CSE B 2023-2027)	2nd prize D-Zone Basketball held at SNGCE Kadayiruppu during 16-17 October 2025
Diya Manoj Poduval (CSE B 2022-2026)	Member of FISAT Dance team that won 2nd prize in the Dance competition held at Sree Narayana Gurukulam College of Engineering on 15th March 2025
Eveline Jeson, Fahmitha P A, Irine Theresa and Merin Joe (CSE B 2022-2026)	Presented a paper titled ' FLUENZIC:AN ENGLISH ENHANCEMENT PLATFORM' in the Seventh International Conference on Advanced Computing and Communication Technologies for High Performance Applications, FISAT, 18-19 July 2025
Gautham Krishna (CSE B 2023-2027)	1st prize in D zone football tournament men held during 17-23 October 2025, FISAT
Gouri Nandhan P (CSD 2022-2026)	1st position on 38th National Championship held at Palgha Maharashtra in Catch Weight category
Hannah Tresa Renjith (CSE B 2023-2027)	1st prize in Theme walk competition held at Amal Jyothi College of Engineering, Kottayam on 6th March 2025. 2nd prize in Theme walk competition held at SCMS School of Technology and Management , Kalamassery on 21st February 2025.
Harinandana K Biju (CSE B 2022-2026)	NPTel Elite Gold certification in "Joy of Computing using Python"
Hisham Ahamed, Hisham Haskar, Mohammed Aman Salah, Mohammed Shinaz (CSE B 2022-2026)	Presented a paper titled "A Comprehensive Review on Real-Time Weed Detection Using YOLO Architectures" International conference on Recent Trends in Artificial Intelligence at Bharathmatha college during 5-6 Dec 2025
Hitha S and Heera S (CSE B 2025-2029)	Kabaddi 3rd prize held at KMEA College of Engineering on 15 Nov 2025 KTU Interzone Women's Football 2nd Runner-up held at TKM Kollam from 20-21 Dec 2025 Selected for KTU Women's Football Team and Participated in Southzone Inter-university Women's Football held at Alagappa University, Karaikudi
Jiya Martin Jesbel Muttath Rajesh Jeffrin Jayan Jaico Jinov Kachapilly (CSE B 2023-2027)	Third prize in 2 day Hackathon organised by FISAT Horizon club, 10-11 July 2025

Johan Jijo, Dathathreyan M N, Rex Antony Sony, (CSD 2024-2028)	First prize in Codehunt ICEFOSS, September 11 2025
Krishnendu P Shali, Elvina Joy Thekkan, Fathima Abbas and Devika R Nair (CSE B 2023-2027)	2nd prize (Rs.75000/-) in hackathon CINEHACK.AI conducted at FISAT on 6th October 2025
Melsa Merin Biju (CSD 2024-2028)	Won Second Runner-up in KTU Interzone Football Tournament on 21 December 2025
Merin P Wilson (CSE B 2022-2026)	NPTEL Elite Gold certification in Joy of Computing using Python
Mr. Muhammed Ashmil Kurikkal (CSD 2024-2028)	Earned special appreciation for achieving a high score in the PALS ANALYZE programme under the IT category for their innovative project titled 'Optimal Cloud Server Configuration Advisor' Second Prize was secured in the Capture The Flag (CTF) Online Competition hosted by Traboda at CareerLink, in association with SCMS School of Engineering & Technology and Hexinox, on 26th January 2025 First Prize was secured in the Capture The Flag (CTF) Competition conducted during CareerLink 2.0, organized by MBITS and Hexinox, in collaboration with IEEE and IEDC MBITS, on 31st March 2025
Mohammed Mahir Mobin (CSD 2024 -2028)	Second Prize was secured in the Capture The Flag (CTF) Online Competition hosted by Traboda at CareerLink, in association with SCMS School of Engineering & Technology and Hexinox, on 26th January 2025 First Prize was secured in the Capture The Flag (CTF) Competition conducted during CareerLink 2.0, organized by MBITS and Hexinox, in collaboration with IEEE and IEDC MBITS, on 31st March 2025 Second Place was secured in PowerPlay, an online treasure hunt organized by IEEE PES SBC GECEI, for successfully cracking clues and completing all challenges on 21st July 2025 Second Position was achieved in THINKQUEST, a technical quiz competition held as part of TECHSPARK 2025, organized by the Department of Electronics & Communication Engineering at FISAT, in association with ECHO (Electronics & Communication Heuristics Organization) on 16th July 2025 Second Position was secured in the Inter Departmental Mathematics Quiz Competition conducted by the Maths Club FISAT, under the Department of Science and Humanities on 10 th July 2025
Neeraj Suresh (CSE C 2022-2026)	3rd Prize in Fullstack Development Track of INNOVISTA-Second Innovation Challenge, FISAT on 17th July 2025 Second prize in WEBBLAZE web designing competition of Arcane 2.0 conducted by ISTE at FISAT on 25 September 2025
Naila K S (CSE C 2022-2026)	Won 2nd prize in the event Weblaze of Arcane 2.0 conducted by ISTE at FISAT on 25 September 2025
Nakul Kurian, Nived M P V and Nelvin Johnson (CSE C 2023-2027)	Team member of the fourth semester students cricket team who were the runner ups in the Prof. Anuranj Memorial cricket tournament held in FISAT on 25th February 2025.



Neeraj Suresh, Naila, Royal Kuriakose, Shifnal Shyju (CSE C 2022-2026)	Presented a paper titled "A Review on Phishing Website Detection :URL Based Methods, DOM Similarity Approaches and Adversarial Evasion Defences", International Conference on Recent Trends in Artificial Intelligence ,organized on 5th December 2025 at Bharath Matha College, Thrikkakara
Nidhin Joy, Sreyas Giri, Sooraj CR and Sooraj P (CSE C 2022-2026)	Presented a paper titled 'An AI-Driven Speed Limit Sign Recognition and Real-Time Speed Limiting Framework' , National Seminar on AI as Accelerator to SDGs : Pathways and Possibilities, Vidya Academy of Science and Technology, Thrissur.
Nikita Mary Jassan (CSE C 2023-2027)	Team member of the FISAT Women's Football team that clinched the second place in the KTU Interzone Football Championship on 18 January 2025
Nikitha Mary Jesson (CSE C 2023-2027)	Member of team which secured First prize in inter zone women Football
Nithara Suresh, Nihal Mather, Rohith Jibu and Sourav P P (CSE C 2023-2027)	Team members of FILIONS, the FISAT Fashion Team secured 1st place in the theme show competition held at Amal Jyothi College of Engineering on 7th March 2025
Parthasarathy Manu (CSE C 2024-2028)	Won gold medal in KTU Inter-Zone Tug of War Competition held at UKF College Kollam on 28th February 2025
Ron Benoy, Rhithika M Pradeep, Sreerag K, Sreelakshmi P (CSE C 2022-2026)	Presented paper titled " NetBERT: Transformer-Driven Robust Intrusion Detection Across Multi-Domain Network Traffic", International Conference on Recent Trends in Artificial Intelligence, organized on 5th December 2025 at Bharath Matha College, Thrikkakara
Sandra Mariya George, Sidharth C J, Sreelakshmi P (CSE C 2022-2026)	1st Prize in INNOVISTA- SECOND INNOVATION CHALLENGE organised by CCRC, FISAT on 17th July 2025
Shane Thomas Sebastian (CSD 2024-2028)	Secured runners' up in the KTU D-zone basketball tournament held at Muthoot Institute of Science and Technology on 16th and 17th October 2025
Shivada Dev S K, Melsa Merin Biju (CSD 2024 -2028)	Secured 2nd position in KTU Interzone Football Tournament held at TKM College of Engineering on 16th and 17th January 2025
Shivani Sunil (CSE C 2023-2027)	Selected to KTU Women's Basketball team
Shivani Sunil, Vignesh Murali, Neha A R, Poorvaja Sooraj (CSE C 2022-2026)	Presented a paper titled 'VisGrad-YOLO: Grad-CAM-Driven Explainable Small Object Detection', International Conference on Recent Trends in Artificial Intelligence, organized on 5th December 2025 at Bharath Matha College, Thrikkakara
Sourav P P (CSE C 2023-2027)	Second Prize in Aroha theme walk organised by SCMS School of Technology and management First Prize for External Theme show award Amal Jyothi College of Engineering
Swetha Sathyan, Pooja Appukkuttan, Swathy Sreenivas, Tammana Jayarajan (CSE C 2022-2026)	Presented paper titled 'FNDS : an insight in to fake news detection system using machine learning, ACCTHPA IEEE conference, July 2025
Vishnuhari V A, Stiya Johnson, Nandana J, Sandra Mariya George (CSE C 2022-2026)	1st prize for TAKEDOWN hackathon conducted in association with IEDC, RACE association of Universal Engineering College, 24 th - 25 th February 2025.
Vishnuhari V A, Stiya Johnson, Nandana J, Sandra Mariya George (CSE C 2022-2026)	Third prize (Rs.50000) in hackathon CINEHACK.AI conducted at FISAT on 6th oct 2025

Nanda Pradeep (CSE C 2022-2026)	Team member of the FISAT Women's Tug Of War team that won Gold Medal at the KTU Interzone Tug Of War Championship March 2025
Muhammed Sunnoon Ali Prakhyath D K (CSE C 2022-2026)	Team member of the FISAT Men's Football Team that secured the titles: - Champions in the KTU D-Zone Football Tournament Oct 2025 - 2nd Runner-Up at Inter-zone Football Tournament Dec 2025
Mohammed Farhan S (CSE B 2023-2027)	Team member of the FISAT Men's Cricket team that secured the title of Champions in the KTU D-Zone Cricket Tournament Dec 2025
Ann Maria Biju (CSE A 2021-2025)	Received the Best Student Award of ISTE Student's Chapter, FISAT for AY 2023-24 at the 23rd Annual Student Convention held at GEC, Kozhikode.
Devasoorya K (CSD 2023-2027)	Team member of the FISAT Basketball team that secured KTU D Zone First runner up

Graduation Success

The Computer Science and Design (2021–2025) batch achieved an impressive programme pass rate of 90.48%, reflecting their consistent academic performance and dedication.

B. Tech Honours

The Computer Science and Engineering (2021–2025) batch recorded a commendable pass rate of 81.4%, with 14 students graduating with B.Tech Honours, marking a significant academic accomplishment. Hearty Congratulations !!!



ABHIMANUE S



ABHIRAMI V S



AGNES SHIBU



ALEENA MATHEWS



AMAL KRISHNA M L



RUBY JACOB



NANDANA U



ANANTHU LAVJEN



ANJAL P DIJO



ANN MARY JOJY



ANTONY VARGHESE BYJU



DIYA CHANDRA



GOVIND M H



GOUTHAM S KUMAR

Sreshta ' 25 - The FISAT Way

An event dedicated to recognising and celebrating the achievements of our own FISATians who have excelled in technical competitions at National and International levels was conducted on 24th April 2025 at FISAT. The Chief Guest Dr. Ajith Kumar K, Former Director, NPOL, Kochi handed over the awards to the following students.

Abhimanue S (S8CSA)
Bhounik B Eugene (S6CSA)
Blesson V (S6CSA)
Abhinav K B (S6CSA)
Amal Karthik A (S6CSA)
Rozalia Varghese (S6CSC)
Shifamol K H (S6CSC)

Susan Joy (S6CSC)
Sahil Shefeek (S6CSC)
Nandana J (S6CSC)
Sandra Mariya George (S6CSC)
Stiya Johnson (S6CSC)
Vishnuhari V A (S6CSC)
Sreegovind K S (S2CSC)

Vijay Sivadas (S2CSC)
Saif Mohammed Shaheed (S2CSC)
Tridev B Govind (S2CSC)
Thomas Rojan Martin (S2CSC)
Jibin Alex (S6CSD)
Paul Antony (S6CSD)
Ananda Krishnan (S6CSD)

PhD Awarded!!

Congratulations to Dr. Neenu Johnson, Assistant Professor, CSE, on earning her Ph.D. from CUSAT on the topic "Design and Development of Secured, Shared and Automated Crop Monitoring Platform Using Blockchain" on 26th May 2025.

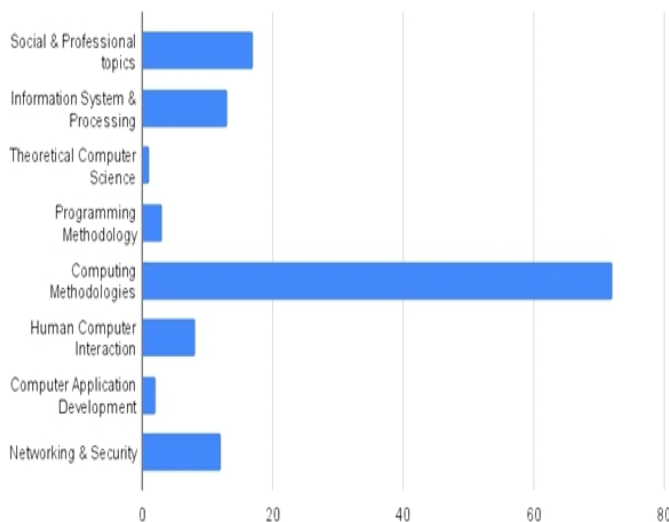


Dr. Neenu Johnson

Faculty Development Programme

The Faculty of the Department of Computer Science and Engineering have actively participated in Faculty Development Programmes (FDPs) across a diverse range of domains, underscoring their commitment to continuous learning and academic excellence. A total of 128 FDPs were attended by the faculty, covering areas such as Social & Professional Topics, Information Systems & Processing, Theoretical Computer Science, Programming Methodology, Computing Methodologies, Human-Computer Interaction, Computer Application Development, and Networking & Security. This wide-ranging engagement reflects the department's dedication to staying abreast of emerging trends in technology, pedagogy, and research, ultimately enriching the quality of education imparted to students.

Faculty Development Programmes on various domains



NSDC CERTIFICATION

We proudly appreciate our faculty members Ms. Sruthy Suresh and Ms. Jismy Mathew for successfully completing the AWS Academy Cloud Foundations course and Ms. Jishna N V for successfully completing the HTML5 Application Development Certification course. Their commitment to continuous learning and technical excellence is truly commendable. We wish them continued success in all their future professional endeavours.



Ms. Sruthy Suresh



Ms. Jismy Mathew



Ms. Jishna N V

Farewell to Esteemed Faculty

The department of CSE offered a very heartfelt farewell to Ms. Hima K G (Assistant Professor, CSE) and Ms. Simi Mohanan (Software Developer), expressing sincere gratitude for their dedicated service and valuable contributions. Their commitment, professionalism, and positive impact on students and colleagues will always be cherished. We are really grateful to them for being an integral part of our academic community and wish them all the very best in their future endeavours.



Faculty Member	Achievements
Dr. Arun Kumar M N	<ul style="list-style-type: none"> ● Published a research paper in IEEE Access (SCIE indexed, Q1, Impact Factor: 3.7). ● Published research articles in Journal of Artificial Intelligence and Technology (Scopus Q1) and Elsevier – Data in Brief (Scopus Q2 & ESCI indexed). ● Presented and published multiple research papers in international conferences (Scopus indexed), including three papers at ACCTHPA 2025, FISAT. ● One additional research paper communicated to IEEE Access (SCIE-Q1); revised manuscript submitted after peer review. ● Received research and academic grants, including: <ul style="list-style-type: none"> ○ ₹2,00,000/- under AICTE VAANI for organizing an FDP ○ ₹55,000/- from KTU as Co-Investigator for student projects ● Served in key academic and professional roles: <ul style="list-style-type: none"> ● Technical Program Chair, ACCTHPA 2025 ● Session Chair, ICERECT 2025 (PES College of Engineering, Karnataka) ● Advisory Committee Member, ICERECT 2026 ● Contributed as Reviewer for multiple reputed journals and conferences: <ul style="list-style-type: none"> ● Journal of Imaging Informatics in Medicine (SCIE & Scopus indexed, Springer) ● Current Medical Imaging Journal (SCIE indexed) ● Pertanika Journal of Science and Technology (ESCI & Scopus indexed) ● ACCTHPA 2025, APCI 2025, ICTEST 2025, ICERECT 2025 ● Served as External Examiner for Ph.D. viva voce and thesis evaluation at: <ul style="list-style-type: none"> ○ Visvesvaraya Technological University (VTU), Karnataka ○ Christ University (Deemed), Bengaluru
Dr. Hema Krishnan	<ul style="list-style-type: none"> ● Published and presented a paper titled “Video Summarization using Transformer Model Assisted AC-SUM-GAN” at the 4th International Conference on Intelligent Technologies (CONIT 2024), indexed in IEEE Xplore. ● Published research papers in reputed international conferences, including: <ul style="list-style-type: none"> ○ “GLAMOIRE: An AI-Assisted Fashion System” at ICCCNT 2025, IIT Indore ○ “FLUENZIC: An English Enhancement Platform” (ACCTHPA 2025, IEEE) ○ “Movie Success Forecasting and Audience Clustering using XGBoost and Fuzzy C-Means” (ACCTHPA 2025, IEEE) ● Published two papers in NCAICC 2024 on Movie Success Prediction and AI-Driven Fashion Design. ● Presented a paper on Real-Time Weed Detection using YOLO Architecture at an international conference organized by Bharath Matha College, Thrikkakara (Dec 2025). ● Served as Mentor for the NPTEL course Object-Oriented System Development using UML, Java, and Patterns (Jan–Apr 2025). ● Contributed as Reviewer for multiple conferences including ICEC (SRM University AP), Trends in Engineering Systems (Model Engineering College), and ACCTHPA 2025. ● Served as Session Chair and Publicity Coordinator for ACCTHPA 2025. ● Attended ATAL FDP on Frontiers of Artificial Intelligence at St. George College, Aruvithara (Dec 2025)
Dr. Jyothish K John	<ul style="list-style-type: none"> ● Served as General Chair of the IEEE International Conference ACCTHPA 2025 and contributed as Session Chair and Reviewer for the conference. ● Acted as Resource Person for an Add-on Course on AWS Cloud conducted for three batches of 2022 admission CSE students. ● Presented a research paper titled “NetBERT: Transformer-Driven Robust Intrusion Detection Across Multi-Domain Network Traffic” at the International Conference on Recent Trends in Artificial Intelligence held at Bharath Matha College, Thrikkakara (Dec 2025). ● Published a research paper titled “Survey on Speech Emotion Recognition with Expressive Speech Synthesis” in the International Scientific Journal of Engineering and Management (March 2025).



<p>Dr. Ierin Babu</p>	<ul style="list-style-type: none"> ● Awarded Ph.D. from Noorul Islam Centre for Higher Education (NICHE) in September 2024 for the thesis titled “A Competent Algorithm of a Machine Learning Model for Predicting Engineering Students’ Academic Performance”. ● Filed a patent titled “Serving Tray with Integrated Mechanism for Contactless and Spill-Free Placement of Cups and Coasters”. ● Published and presented research contributions including: <ul style="list-style-type: none"> ○ “A Literature Review on Automated Captioning Systems: Enhancing Accessibility and Contextual Understanding” at NCAICC 2024 ○ “Intelligent Object Narration – Automated Captioning Systems for Improved Accessibility for Visually Impaired” (accepted at ACCTHPA 2025, IEEE) ○ “An Efficient Optimization Method for Forecasting Performance of Students’ Academics” presented at ADCIS 2025, CHRIST University, Bengaluru ● Published a book chapter in “The Power of Multidisciplinary Perspectives in Academic Research” (Vol. 2), November 2025 (pp. 244–249). ● Served in key academic roles: <ul style="list-style-type: none"> ○ Session Chair, NCAICC 2024 ○ Reviewer, ICSCC 2025, ICCIST 2025, and ICCSIT 2025 ○ Technical Program Committee Member, ICCIST 2025 (CHRIST University, Bengaluru) ● Actively contributed to academic development through: <ul style="list-style-type: none"> ○ Co-coordinator, AICTE ATAL FDP (Feb 2025) ○ Mentor, NPTEL course Theory of Computation (received Certificate of Appreciation, Jul–Dec 2025)
<p>Dr. Neenu Johnson</p>	<ul style="list-style-type: none"> ● Awarded Ph.D. from Cochin University of Science and Technology (CUSAT) on May 26, 2025, for the thesis titled “Design and Development of Secured, Shared and Automated Crop Monitoring Platform using Blockchain”. ● Served as Resource Person, delivering an invited talk and hands-on session on Hyperledger Fabric Blockchain at the Division of IT, School of Engineering, CUSAT.
<p>Dr. Paul P Mathai</p>	<ul style="list-style-type: none"> ● Served as Reviewer for the 2025 IEEE 1st Global Conference on Cognitive Computing and Communication Technology (GC4T 2025). ● Published two patents in the Indian Patent Journal (2025): ● “Soap Recycling Device for Converting Residual Soap into Liquid Hand Wash” (June 2025) ● “Multifunctional Inflatable Headrest Convertible into a Handbag” (July 2025) ● Served as Ph.D. Thesis Evaluator and Indian Examiner at MGR University, Chennai (Nov 2025) for research in IoT-based fault detection using Machine Learning. ● Played key roles in ACCTHPA 2025 as General Co-Chair and Reviewer, and published three research papers in the conference (with research scholars). ● Published a book chapter titled “Optimizing Potato Crop Water Quality: A Comparative Analysis of Machine Learning Techniques and Gradient Boosting Approaches” in AI and Data Analytics in Precision Agriculture for Sustainable Development (Springer, July 2025). ● Contributed as Reviewer for the International Conference on Smart and Intelligent Systems (SISCON 2025). ● Served as Meta Reviewer and Technical Program Committee Member for ICCIST 2025 (CHRIST University, Bengaluru). ● Attended a National Level Faculty Development Program on AI, Automation, and Emerging Technologies at Sathyabama Institute of Science and Technology, Chennai (Aug 2025)



<p>Dr. Siyamol Chirakkarottu</p>	<ul style="list-style-type: none"> ● Two papers accepted in the National Conference on Data, Information and Technology (NCDIT 2025). ● Published a paper titled “A Literature Review on Deepfake Detection and Digital Watermarking Techniques for Media Integrity” in NCAICC 2024. ● Published a research paper titled “DEEPMARK” in ACCTHPA 2025 (IEEE Conference). ● Presented multiple research papers at national and international forums, including: <ul style="list-style-type: none"> ○ “An AI-Driven Speed Limit Sign Recognition and Real-Time Speed Limiting Framework” (National Seminar, VAST Thrissur) ○ “AI-Enabled Speed Limit Sign Recognition: A Review and Experimental Study” (ICAIEI 2026, College of Engineering Cherthala) ○ “Multi-Hazard Disaster Prediction using Intelligent Machine Learning Methods” (SAET Conference, CE Karunagappilly) ○ “Physiotrack: An IoT-enabled Wearable System for Intelligent Ankle Rehabilitation Monitoring” (National Seminar, VAST Thrissur) ○ “FNDS: Fake News Detection System using Machine Learning” (ACCTHPA 2025) ○ “HostelHub: Enhancing Hostel Administration with a Modular Web-Based System” (ICMTIF 2025) ○ Served as Session Chair for ACCTHPA 2025 and for a National Conference on Edge AI: Optimizing Machine Learning for Real-Time Processing and IoT Applications (ISTE FISAT Chapter, April 2025). ○ Contributed as Reviewer for ACCTHPA 2025 (IEEE Conference).
<p>Lt. Dr. Prasad J C</p>	<ul style="list-style-type: none"> ● Served as Chief Editor of the IEEE International Conference ACCTHPA 2025 proceedings and contributed as Session Chair and Reviewer. ● Published a research paper titled “A Decentralized Approach Through Blockchain Technology for Certificate Management” in IEEE Xplore, presented at ACCTHPA 2025. ● Successfully completed a Seed Money Project funded by FISAT on Blockchain Technology for Certificate Management (Nov–Dec 2025). ● Filed patents in June and July 2025, including “Self-Dispensing Toothbrush with Replaceable Head and Integrated Oral Care Kit”. ● Coordinated the AICTE ATAL Faculty Development Program on Strategic Approaches and Emerging Trends in Data Science (Feb 2025). ● Participated in multiple Faculty Development Programs, including: <ul style="list-style-type: none"> ○ Cybersecurity (APEX FDP – recognized as Mentor by TCS) Extended Reality & Spatial Computing AI in Data Science and Deep Learning (ATAL FDP) ● Served as Resource Person delivering talks on Cybersecurity in educational institutions. ● Acted as Camp Adjutant for a 10-day NCC Camp at FISAT (May–June 2025). ● Received Recognition for Outstanding Contribution to NCC as Associate NCC Officer (ANO), awarded by NCC Group Headquarters, Ernakulam (Oct 2025). ● Served as Board of Studies (BOS) Member for MCA programmes at Union Christian College, Aluva and FISAT, Angamaly.
<p>Mr. Noble G</p>	<ul style="list-style-type: none"> ● Selected for Research Seed Money funding (₹82,500) under APJ Abdul Kalam Technological University (July 2024). ● Successfully completed a FISAT Seed Money Project on Development of Hardware Architectures for Artificial Intelligence (AI). ● Achieved notable recognitions at national and international levels: <ul style="list-style-type: none"> ○ First Prize in the design contest conducted by Microchip (VLSID 2025) ○ VLSID 2025 Fellowship and VLSID 2026 Fellowship ○ Invited as a Special Invitee to the Silicon Trident Conclave (MITS, IEEE SSCS) ● Received prestigious travel grants: <ul style="list-style-type: none"> ○ ₹1,32,175 from IEEE Council on Electronic Design Automation ○ ₹8,871 from IEEE Circuits and Systems Society (CAS) ● Published significant research contributions:



<p>Mr. Noble G</p>	<ul style="list-style-type: none"> ○ Paper in IEEE Embedded Systems Letters (SCI-indexed) ○ Presented research at ESWEEK 2025, Taiwan ○ Published 8 patents, including “IoT-Based Chair/Cot Usage Detector” (Granted patent, Nov 2025) ○ Played a key role as Top-Level Integrator for Digital IC tapeout under the UNIC-CASS programme. ○ Delivered consultancy services to Annoor Dental College, developing embedded systems and a device for oral parafunctional monitoring. ○ Contributed extensively as Reviewer for reputed journals and conferences: ○ IEEE Internet of Things Journal ○ ICITIIT, ICSCC, RAICS, ACCTHPA, ICIT, and Innovation in Open-Source Circuits ● Served as Resource Person and speaker in multiple academic programmes, including: <ul style="list-style-type: none"> ○ FDP on Digital Design – FPGA-Based System Development (Amal Jyothi College of Engineering) ○ Technical session on IoT Projects and Use Cases (FISAT) ○ Workshops on IoT and Advanced Verilog ● Successfully completed ATAL Faculty Development Programs on: <ul style="list-style-type: none"> ○ Innovation and Entrepreneurship (NIT Patna, Nov 2025) ○ Secure and Intelligent System-on-Chips (CUSAT, Dec 2025)
<p>Mr. Pankaj Kumar G</p>	<ul style="list-style-type: none"> ● Published research papers in reputed conferences: <ul style="list-style-type: none"> ○ “Transfer Learning-Based Pothole Classification into Severity Classes” at the 3rd International Conference of Women Researchers in Electronics and Computing on Sustainable Development Goals, NIT Jalandhar (April 2025) ○ “AI-Enhanced Context-Aware Intelligent Form Validator” at the International Conference on Web 6.0 and Industry 6.0, Kolkata (Feb 2025) ○ Served as Session Chair for the International Conference on Advanced Computing and Communication Technologies for High Performance Applications (ACCTHPA 2025). ● Contributed extensively as Resource Person for FDPs and workshops, including: <ul style="list-style-type: none"> ○ FDP on Sustainable Smart Energy and Mobility (FISAT, Nov 2025) ○ FDP on Extended Reality & Spatial Computing Concepts (Centre for Future Skills, FISAT) ○ Workshop on Building Intelligent Systems with IoT & Machine Learning (ELECTRA, FISAT) ○ Workshop on Recent Trends in Web Technology (Sahradaya College of Engineering) ○ Sessions on Introduction to Azure: Cloud Engineering Essentials (CCRC, FISAT) ○ Played key organizational roles as Coordinator for Third National Conference on Artificial Intelligence and Cognitive Computing ○ Coordinated INNOVISTA – Second Innovation Challenge
<p>Ms. Ancy Antony</p>	<ul style="list-style-type: none"> ● Published a paper titled "Enhancing Moyamoya disease diagnosis & management with AI: Comprehensive insights into diverse diagnostic & management tools" in proceedings of 4th International conference at NIMIT, 19/02/2025.
<p>Ms. Anisha Antu</p>	<ul style="list-style-type: none"> ● Presented the paper ‘Voice Command Fingerprinting: An in-Depth Examination of Challenges and Issues’, in 3rd IEEE International Conference on Industrial Electronics: Developments & Applications (ICIDeA), Bhubaneswar, India, 2025
<p>Ms. Anitha T Nair</p>	<ul style="list-style-type: none"> ● Accepted a paper in International Conference July 2025 ● Session chair in ISTE conference 2024 ● NPTEL on Python for Data Science, Jul-Aug 2025 ● Published paper titled ‘Segmentation-Assisted Diabetic Retinopathy Classification Using Hybrid ResNet-ViT and Correlated Feature Integration." Journal of Artificial Intelligence and Technology 5 (2025): 512-522.(Q2 JOURNAL).
<p>Ms. Meera Treesa Mathews</p>	<ul style="list-style-type: none"> ● Published paper :“Literature review on landslide detection using Satellite Imagery” in NCAICC 2024 ● Served as the main faculty coordinator for the national level hackathon (CINEHACK.AI) and alumni meet (FISTAA Alumni Day 2025)

Ms. Chethna Joy	<ul style="list-style-type: none"> Published paper titled 'From Traditional Database to Self-Tuning Database: A Paradigm Shift in Database Management' in IEEE International Conference on Advanced Computing and Communication Technologies for High Performance Applications (ACCTHPA 2025) Reviewer of ACCTHPA IEEE conference, 18-19 July 2025
Ms. Divya John	<ul style="list-style-type: none"> Session chair for International Conference on Advanced Computing and Communication Technologies for High Performance Applications (ACCTHPA 2025) Published paper : A Literature Review on Heart disease detection : in (NCAICC 2024)
Ms. Gayathri I K	<ul style="list-style-type: none"> Presented a paper titled "EV Thermal Management System" in the National Conference on Innovation in Open Source Circuits (CISC) 2025 organized by the Department of Electronics and Communication Engineering, FISAT. Attended ATAL FDP on Innovations in 5G and 6G: Advancing Intelligent Wireless Communication Systems at FISAT from 23-28 June 2025. Attended ATAL FDP on Frontiers of Artificial Intelligence: Theories, Frameworks, and Cutting-Edge Applications at ST. GEORGE'S COLLEGE ARUVITHURA from 01/12/2025 to 06/12/2025.
Ms. Hansa J Thattil	<ul style="list-style-type: none"> Presented a paper on "A Comparative Analysis of Machine Learning Models on Graph Embeddings for Disease-Protein Association" in ACCTHPA IEEE conference, July 18-19 2025. Presented a paper on Comparative Evaluation of Different Graph Models for Protein Disease Association Prediction in NIT Pondechery. Published paper 'Enhanced Alzheimer's Disease Prediction Through Integration of Protein-Protein Interaction Data and Meta-Learning', IEEE Access, 11 April 2025
Ms. Jishna N V	<ul style="list-style-type: none"> NPTEL-Elite Certification in The Joy of Computing with Python NSDC Training certification – HTML5 Application Development
Ms. Jismy Mathew	<ul style="list-style-type: none"> Completed NSDC Certification on AWS, enhancing expertise in cloud technologies. Presented a research paper titled "Super-Resolution Using Enhanced Super Resolution Generative Adversarial Networks (ESRGAN)" at the ACCTHPA 2025 IEEE Conference.
Ms. Lakshmi S	<ul style="list-style-type: none"> Published a paper titled 'Stroke detection using deeplearning' in ACCTHPA IEEE conference, July 18-19 2025. NPTEL - Elite Online certification in Machine Learning, Jul-Sep 2025.
Ms. Meenu Mathew	<ul style="list-style-type: none"> Reviewer of ACCTHPA conference , July 18-19 2025
Ms. Merin Cherian	<ul style="list-style-type: none"> Successfully completed the NPTEL Course on Outcome-Based Education (OBE) and Accreditation. Presented a research paper titled "A Review on Phishing Website Detection: URL-Based Methods, DOM Similarity Approaches and Adversarial Evasion Defences" at the International Conference on Recent Trends in Artificial Intelligence, Bharath Matha College, Thrikkakara (Dec 2025). Attended the ATAL Faculty Development Program on Frontiers of Artificial Intelligence: Theories, Frameworks, and Cutting-Edge Applications at St. George's College, Aruvithura (Dec 1–6, 2025).
Ms. Preethi N P	<ul style="list-style-type: none"> NPTEL Online certification in Machine Learning, Jul-Sep 2025
Ms. Remya R	<ul style="list-style-type: none"> Published research papers in ACCTHPA 2025 (IEEE Conference), including: <ul style="list-style-type: none"> "Vision Driven Alertness: A Hybrid Framework Combining Deep Learning and Image Processing for Real-Time Drowsiness Detection and Road Safety Enhancement" "An Ensemble Deep Learning Approach for Brain Tumor Detection and Classification from MRI Images" Contributed as a Reviewer for ACCTHPA 2025 (IEEE Conference).



Ms. Roshna K I	<ul style="list-style-type: none"> Published a paper titled 'Audio to Sign Language converter' in ACCTHPA IEEE conference, 18-19 July 2025 Reviewer of ACCTHPA conference , 18-19 July 2025
Ms. Shimy Joseph	<ul style="list-style-type: none"> Published a patent titled "Omni-Directional Spray Bottle with Weighted Flexible Suction Tube" in the Indian Patent Journal (June 2025). Published a research paper titled "An Immersive Virtual Reality Framework for Semiconductor Manufacturing Training: Design and Evaluation" in ACCTHPA 2025 (IEEE Conference). Contributed as Reviewer for ACCTHPA 2025 International Conference (IEEE).
Ms. Simi Stephen	<ul style="list-style-type: none"> Published a paper titled "Fitness Help: Yoga Pose Estimation and Correction with Voice Feedback" in ACCTHPA IEEE conference, 18-19 July 2025. Reviewer of ACCTHPA conference , 18-19 July 2025
Ms. Soosan Francis	<ul style="list-style-type: none"> Presented paper 'VisGrad-YOLO: Grad-CAM-Driven Explainable Small Object Detection', International Conference on Recent Trends in Artificial Intelligence, organized on 5th December 2025 at Bharath Matha College , Thrikkakara
Ms. Soumya S Raj	<ul style="list-style-type: none"> Published a patent titled "Bi-directional Wireless Item Tracking System with Mutual Signalling Capability". Contributed as a Reviewer for the ACCTHPA 2025 IEEE Conference. Organized the Intercollegiate Technical Event "ARCANE 2.0" under the ISTE Student Chapter, FISAT.
Ms. Nithya Paul	<ul style="list-style-type: none"> One research paper accepted and another published in the Research Journal of Biotechnology (Scopus indexed), including: <ul style="list-style-type: none"> "Breast Cancer Early Detection using Preprocessing and Data Enhancement Techniques" (Vol. 20, Issue 8, Aug 2025) Presented research papers at international conferences, including: <ul style="list-style-type: none"> "Breast Cancer Classification using Attention-based Multi-View Swin Patch Transformer (Att-MVSPtrans) Model" (ACCTHPA 2025) "BlendX: Dual-Layer Secure Communication Using Reversible Data Hiding and AES Encryption" (ACCTHPA 2025) "A Comprehensive Analysis of Deep Learning Methods for Breast Cancer Detection" (Inclusive Imagination Conference, Naipunnya Institute, Jan 2026) Contributed as a Reviewer for the ACCTHPA 2025 International Conference (IEEE).
Dr. Reshmi R	<ul style="list-style-type: none"> Presented paper titled "Enhancing Data Security with Improved OMR-Based Image Steganography" in Global Conference On Cognitive Computing And Communication Technology (GC4T-2025), IEEE Conference, April 2025. Published a patent titled "Mechanical door lock with internal emergency release and privacy protection mechanism" in the Indian Patent Journal (July 2025). Published paper titled "Literature Review on Techniques and Approaches for Handwritten Answer Script Evaluation" in Proceedings of the Third National Conference on Artificial Intelligence and Cognitive Computing. Published paper titled "Enhancing Academic Project Management with PAMS" in IEEE Conference, ACCTHPA'25. Member of APJAKTU - Academics - Board of Studies (Computer Science and Engineering) of the University. Contributed as reviewer and session chair for multiple international conferences. Core committee member of ACCTHPA'25 - IEEE Conference (July 2025). Recognized as Active NPTEL SPOC.

FACULTY UPDATES – 2025

Welcome to Our New Faculty & Staff Members

The Department of Computer Science and Engineering is delighted to welcome all our newly joined faculty members.

We extend our heartfelt welcome to each new member of our CSE family and look forward to their valuable contributions in teaching, research and student mentoring. Their expertise and enthusiasm are expected to further strengthen the academic and research culture of the department. We also convey our best wishes for their professional growth and success in our department. Welcome to all !!!



Ms. Deena Jose



Ms. Soosan Francis



Ms. Neha Beegam P E



Ms. Geethu P C



Ms. Nisreen M Ali



Ms. Sanitha P S



Ms. Jishna N V



Ms. Ancy Antony

Faculty Promotions – 2025

The department proudly congratulates the following faculty members on their well-deserved promotions in 2025.

Professor



Dr. Paul P Mathai

Associate Professor



Dr. Siyamol Chirakkarottu

Assistant Professor (Senior Grade)



Ms. Soumya S Raj



Ms. Chethna Joy



Mr. Mahesh C



Ms. Remya R



Ms. Simi Stephen



Ms. Anitha T Nair

Assistant Professor (Special Grade)



Ms. Jismy Mathew



Ms. Meera Treesa Mathews

These promotions recognize their dedication, academic excellence, research contributions, and commitment to student development. The department appreciates their continuous efforts in maintaining high standards of teaching and professional engagement.



NCC Cadets of CSE Department Honoured with Rank Promotion

The NCC unit proudly celebrated the rank promotion ceremony of cadets from the Computer Science and Engineering (CSE) Department in a dignified function held at the institution. The ceremony recognized the dedication, discipline and leadership qualities demonstrated by the cadets through their active participation in NCC activities. CSM Anand Vinod (S6CSD), UO Edvin Joseph Aji (S6CSD), CPL ARYAN SHIBU THOMAS (S6CSE) and LCPL Mariya Madappillikunnel S (S4CSE) were awarded rank promotions in recognition of their commitment, exemplary performance and consistent contribution to NCC training and programmes.

The Pipping Ceremony was graced by the presence of the Chairman and the Principal, who congratulated the promoted cadets and appreciated their hard work, leadership potential, and service-oriented spirit. They emphasized that NCC plays a vital role in shaping responsible citizens and future leaders by instilling discipline, teamwork, and national values among students. Faculty members, NCC officials, and fellow cadets attended the event and extended their best wishes to the promoted cadets. The occasion served as an inspiration for other cadets to strive for excellence and uphold the proud traditions of the NCC. The programme concluded with a message encouraging cadets to continue their journey with dedication and to serve society and the nation with commitment and integrity.

Recognition for NCC Contributions

We are proud to share that Lt. Dr. Prasad J C, Associate NCC Officer (ANO), has been honoured by Cmde. Jose Vikas, Group Commander, Ernakulam NCC Group Headquarters, in recognition of his dedicated service and valuable contributions.



Academic Excellence – 100% Results

SUBJECT WITH 100% RESULT	TEACHING STAFF	CLASS
CST 413 Machine Learning	Ms. Shimy Joseph	2021 S7 CSE A
CST 413 Machine Learning	Ms. Shimy Joseph	2021 S7 CSE B
CST 413 Machine Learning	Ms. Shimy Joseph	2021 S7 CSD
CST 426 Client Server Architecture	Dr. Neenu Johnson	2021 S8 CSE A
CST 426 Client Server Architecture	Dr. Neenu Johnson	2021 S8 CSE B
CST 428 Block Chain Technologies	Dr. Neenu Johnson	2021 S8 CSE B
CST 446 Data Compression Techniques	Ms. Sheelu Susan Mathews	2021 S8 CSE B
CST 302 Compiler Design	Ms. Anitha T Nair	2022 S6 CSE A
CST 304 Computer Graphics And Image Processing	Ms. Simi Stephen	2022 S6 CSE A
CST 306 Algorithm Analysis And Design	Ms. Remya R	2022 S6 CSE A
CST 362 Programming In Python	Ms. Hansa J Thattil	2022 S6 CSE A
CST 302 Compiler Design	Ms, Roshna K I	2022 S6 CSE B
CST 304 Computer Graphics And Image Processing	Ms. Meera Treesa Mathews	2022 S6 CSE B
CST 306 Algorithm Analysis And Design	Ms. Remya R	2022 S6 CSE B
CST 362 Programming In Python	Ms. Hansa J Thattil	2022 S6 CSE B
CST 203 Logic System Design	Ms. Sheelu Susan Mathews	2023 S3 CSE C
MCN 201 Sustainable Engineering	Ms. Elza George	2023 S3 CSE C
EST200 Design And Engineering	Ms. Elza George	2023 S4 CSE A
UCEST105 Algorithmic Thinking with Python	Ms. Anisha Antu	2024 S1 CSE B
GXEST203 Foundations of Computing: From Hardware Essentials to Web Design	Ms. Nisreen M Ali	2024 S2 CSE B
GXEST203 Foundations of Computing: From Hardware Essentials to Web Design	Ms. Anitha T Nair	2024 S2 CSE C

Ms. Rose Stombel, Assistant System Engineer, TCS

I started my college life with literally zero knowledge about computers and honestly, no clear idea of where I was heading. Today, I work in an MNC—and when I look back, I know everything started the day I joined FISAT. I never expected it to change my life the way it did. Learning computer languages in the beginning was not easy at all. There were times I felt completely lost, but my teachers were always there—patient, supportive, and encouraging. They didn't just teach subjects, they made me believe that I could actually do it.

I never even planned to go for a B.Tech Honours because it felt too difficult for me. But my teachers pushed me to at least give it a try. And today, when I look back, I'm so glad I listened—because that one decision made me graduate with honours along with my degree.

Our then HOD, Prasad sir, was someone who always encouraged us to look beyond studies. He made sure we gave equal importance to co-curricular activities too, and that really helped me grow as a person. FISAT was never just about classes and exams for me. It's where I discovered my interest in anchoring, got chances to be on stage, and slowly became more confident. Those small opportunities made a big difference in who I am today.

I was also lucky to have the best classmates—friends who stood by me, supported me, and made my college life so much more meaningful and fun. Being part of events like Bharatham 2K22, ICEFOSS, and many others gave me some of my best memories. Those experiences taught me things that no textbook ever could. Even now, after graduating, I still go back to FISAT whenever my teachers call me for orientations or interview preparations. And every time I go back, it just feels like home. FISAT didn't just give me a degree... it gave me confidence, direction, and a version of myself I never thought I could become.



Mr. Joel Boby M, Programmer Analyst, Cognizant

My journey at FISAT, especially in the Computer Science department, has played a significant role in shaping who I am today, both technically and professionally. The faculty were always approachable and genuinely invested in our growth. Their guidance



went far beyond academics, helping me build clarity in thinking, discipline in approach, and confidence in problem-solving.

A major part of my transformation came through my involvement with the ACM Student Chapter. Starting as a volunteer and later taking up responsibilities in the Executive Committee, I had the opportunity to grow through real experiences. Leading and organizing national-level events taught me how to take ownership, work with teams, and handle challenges with confidence and composure.

The combination of strong academic support and these practical experiences created a well-rounded learning environment that truly moulded me. It prepared me not just for a career, but for continuous growth.

Today, as a Programmer Analyst, I can clearly see how those experiences continue to guide me. I will always be grateful to the CSE department, its faculty, and the ACM community for shaping my journey.

Ms. Agnes Shibu, Software Developer, IBM

At FISAT, I found the perfect environment to grow, explore, and excel. The Computer Science and Engineering



department gave me the freedom to pursue my interests in volunteering, sports, and student organizations, while also encouraging me to stay strong academically.

What truly made a difference was the trust and support from our faculty. They always encouraged me to take part in different initiatives, which helped me learn, take responsibilities, and grow in confidence.

Being part of various communities and initiatives, along with the guidance from the department and placement cell, played a significant role in helping me secure a good internship and placement opportunities. I'm truly grateful to FISAT for these experiences and for shaping me into who I am today.



CSE A BATCH (2021-2025)



CSE B BATCH (2021-2025)



CSD BATCH (2021-2025)





Editor



Ms. Meera Treesa Mathews
Assistant Professor (Special Grade)

Editor



Ms. Merin Cherian
Assistant Professor (Special Grade)

Student Editors



Saniya C
(S6 CSE C)



Anuroop P V
(S6 CSD)

Editorial Team

Associate Editor



Ms. Simi Stephen
Assistant Professor (Senior Grade)

Designer



Mr. Vishnu Prasad G Nair
Web & Graphic Designer



Aryan Shibu Thomas
(S6 CSE A)



Ganga M U
(S6 CSE B)

Editorial Note

As we reflect on the journey of 2025, we take immense pride in presenting this year's edition of ICON, the official newsletter of the Department of Computer Science and Engineering. The year has been marked by innovation, resilience, and collaboration, with the department actively fostering excellence through conferences, faculty development programmes, research initiatives, and vibrant student-led activities such as hackathons and project expos. Our continued achievements in research, patents, industry collaborations, and placements highlight our commitment to nurturing skilled, industry-ready graduates. Strengthened by the dedicated efforts of our faculty and the invaluable engagement of our alumni, ICON 2026 stands as a testament to our collective progress and a celebration of milestones that inspire us to move forward with renewed vision and purpose.