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MONTHLY NEWSLETTER

SREEPATHY
INSTITUTE OF MANAGEMENT AND TECHNOLOGY

Sreepathy Campus, Vavanoor P.O., Pattambi, Palakkad - 679533



CUSAT CAT-2025 EXAMINATION

The Cochin University of Science and Technology (CUSAT) successfully conducted its Common Aptitude Test (CAT) 2025 from May 9th to May 12th at Sreepathy Institute of Management & Technology, utilizing two venues—170 and 426. The examination process was marked by meticulous planning, technological precision, and dedicated teamwork.



The examination was led under the guidance of Chief Superintendents Mr. Jaydathan and Mr. Philip Kuriakose, both from CDIT, Trivandrum. The overall coordination was overseen by Prof. Sushma M., Director of IQAC, who served as the Centre Coordinator. Technical support was ensured by network specialists Mr. Siju C.C. and Mr. Gireesh V.T., while Dr. Jereesh, Assistant Professor at CUSAT, served as the official observer.

Mock tests were held a day prior to the exams at each venue—May 9th for Venue 426 and May 10th for Venue 170. These mock sessions helped verify system readiness and allowed the team to familiarize themselves with the procedures. Akshaya staff played a key role in facilitating the registration process.

The actual examinations took place from May 10th to 12th, with multiple sessions scheduled each day. Around 225 computer systems across seven laboratories were prepared and maintained for the tests, covering labs such as the Project Lab, Programming Lab, Compiler Lab, and others.

The smooth conduct of the examination was spearheaded by Dr. Sagar M Narayanan, HOD of AS&H, with support from a committed team comprising faculty, administrative staff, and technical personnel. The security team managed orderly student entry, while candidates were guided to the seminar hall and called in systematically for biometric registration. They were then directed to their assigned labs.

Throughout the examination days, the office team, invigilators, and electricians ensured everything functioned without disruption. The cleaning staff's efforts to maintain hygiene and the canteen team's provision of quality food for all stakeholders added to the overall positive experience.

The success of the CUSAT CAT 2025 at Sreepathy Institute stands as a testimony to the exemplary coordination, commitment, and professionalism displayed by every member involved.

IISER APTITUDE TEST (IAT) 2025

The IISER Aptitude Test (IAT) 2025, a national-level entrance examination conducted by Tata Consultancy Services (TCS), was successfully held at Sreepathy Institute of Management & Technology on May 25, 2025. The computer-based test (CBT) was conducted in the forenoon session, with a total of 110 systems, including buffer, made available for the exam.

Prior to the main examination, a mock test was conducted on May 24th to ensure technical preparedness and to familiarize the staff with the process. The test centre, identified as "Sreepathy Institute of Management and Technology_1880," was well-equipped to meet all the examination requirements.

The examination was overseen by Test Centre Administrators Mr. Vijesh V R and Mr. Aswadhsha K S. Key responsibilities were shared by the Institutional Representative from IISER, Liaison Officer Mr. Siju C.C., and Network Specialist Mr. Gireesh. The invigilation team included Ms. Khadeeja Thesneem, Ms. Aarathy P.S., and Mr. Rojan Peter. Support roles were effectively managed by Ms. Sunitha T, Ms. Geetha T P, and Mr. Ramdas V K.

On the day of the exam, 54 out of the 85 registered candidates appeared. The registration and entry process was executed smoothly. Candidates were initially seated in the seminar hall and then directed to biometric verification, conducted two at a time in the Compiler Lab. Following verification, candidates were guided to their designated systems in the exam hall.

The security personnel ensured orderly entry and discipline throughout the premises. Behind the scenes, the cleaning staff maintained hygiene across the campus, while the canteen team provided refreshments and meals for candidates, staff, and accompanying parents.

The entire process was marked by professionalism and cooperation, resulting in a seamless and secure examination experience for all involved.



VISIT TO ASTER MEDCITY

On May 2, 2025, a team from the Department of Computer Science and Engineering at Sreepathy Institute of Management and Technology (SIMAT) visited Aster Medcity, Kochi, to discuss the progress of ongoing collaborative research projects. The main highlight of the visit was the signing of a Memorandum of Understanding (MoU), marking an extension of the partnership between the two institutions.

The visiting team included Dr. Hema P. Menon, Professor and Dean (R&D), CSE, along with Mr. Jishnu Vijayan, Mr. Sayand K. K., Mr. M. Jithin Vas, and Ms. Vidhya K.—all students from the B.Tech. 2021–2025 batch.

The team arrived at Aster Medcity at approximately 11:00 AM and was welcomed by Mr. Saneesh M. S., Pediatric Manager at Aster Medcity, who escorted them to the conference room for the scheduled proceedings. The team had to wait till 12:00 PM for the arrival of CEO who was attending another meeting. The official proceedings started from 12:00 PM onwards.



Visit Objectives:

- Signing of the Memorandum of Understanding (MoU).
- Discussion of ongoing collaborative projects:
 - o EMG-Driven Machine Learning System for Real-Time Control of a 3D-Printed Prosthetic Arm
 - o Analysis of EEG Signals for Epileptic Seizure Prediction



- Identification of new areas for future collaboration.
- Distribution of certificates to students involved in the projects.

1. Discussion with CEO, Aster Medcity & Signing of MoU (12:00 PM – 1:00 PM)

A formal meeting was arranged with the Dr. Nalanda Jayadev, CEO, Aster Medcity at their conference room. The meeting was also attended by Dr. Davidson Devasia, Consultant, Pedi-

atric Neurology, and Mr. Saneesh M. S. , Pediatric Manager, Aster Medcity, along with the SIMAT team members.

Dr. Nalanda Jayadev briefed about the importance of such collaborations and the hidden potential in transforming the medical and operational field. He also suggested a few more areas towards which we could work together in future for development of the medical sector. After this the students presented their ongoing project progress and shared insights into its development and potential applications. After a brain storming interaction between the two teams, the MoU was officially signed, at around 12:45 PM taking forward the collaborative partnership between SIMAT and Aster Medcity, Kochi.

2. Discussion on Future Collaborative Projects (1:00 PM – 1:30 PM)

In addition to the current EMG and EEG research projects, several potential areas for future collaboration were discussed. Dr. Nalanda Jayadev and Dr. Davidson Devasia emphasized the scope for student involvement in solving real-time operational challenges through technology-driven solutions. Suggested project areas included:

1. Smart bed allocation system management
2. Advanced patient waiting system management and monitoring
3. Optimization of patient-doctor appointment workflows
4. Valet parking solutions

The team at Aster Medcity encouraged students to take up these topics as academic projects or internships and welcomed innovative ideas from other engineering branches as well. They also said that students can visit aster, spend time with the faculty and understand the existing system and identify the challenges prior to proceeding with the implementation. This discussion laid a strong foundation for a long-term interdisciplinary collaboration aimed at enhancing healthcare through student-led innovation.

3. Project Demonstration (1:30 PM – 2:30 PM)

Another core aspect of the visit was the demonstration of the research project “EMG-Driven Machine Learning System for Real-Time Control of a 3D-Printed Prosthetic Arm by Jishnu Vijayan, Sayand K. K., M. Jithin Vas, and Vidhya K. They showcased their work and the technological advancements made so far, which was appreciated by the team for their efforts, and commended their progress. They provided constructive feedback. They also recommended passing the project on to junior batches to ensure its continuity and further development.

Additionally, a discussion was held on another ongoing research project focused on EEG signal



analysis, led by Sanjay S. Menon and a group of sixth-semester students from the 2022 batch. Dr. Devasia shared valuable insights to aid in refining the EEG study.

4. Certificate Distribution (2:30 PM – 3:00 PM)

Following the demonstration, certificates were officially signed and stamped. Certificates for the major project of the 2021 batch (S8 students) and the mini project of the 2022 batch (S6 students) were endorsed by Dr. Davidson Devasia, recognizing the students' research efforts and contributions.

5. Conclusion

The visit concluded at 3:00 PM, after which the team from SIMAT departed from Aster Medcity. This visit marked a significant milestone in fostering collaboration between academia and the healthcare industry, providing students with valuable exposure to real-world medical challenges and an opportunity to contribute through technological innovation.

FAREWELL FUNCTION

A warm and heartfelt farewell was accorded to Mr. Vinayakrishnan, Associate Professor in the Department of Mechanical Engineering, and Mr. Jayan T.V., Assistant Professor in the Department of Chemistry, by the staff and Principal of Sreepathy Institute of Management and Technology, Vavannoor.

The function, marked with words of appreciation and gratitude, highlighted the invaluable contributions of both faculty members during their tenure at the institution. The Principal and colleagues extended their best wishes for their future endeavors.

Mr. Vinayakrishnan, who is embarking on his academic journey to pursue a Ph.D. at IIT Palakkad, was lauded for his dedication to teaching and research. Mr. Jayan T.V., who has secured a better professional opportunity, was praised for his commitment to academic excellence and his supportive role in the department.

The event concluded with the presentation of mementos and a group photograph, symbolizing the lasting bonds and cherished memories shared. The entire SIMAT family wished them success, happiness, and fulfillment in their new chapters of life.



“UNLOCK YOUR POTENTIAL – TCS INTERVIEW PREPARATION SESSION”

The Placement Department of Sreepathy Institute of Management and Technology organized an inspiring session titled “Unlock Your Potential – TCS Interview Preparation Session” for students selected for the TCS final interview. The programme was inaugurated by Prof. Sushma, Vice Principal of Sreepathy, in the presence of Mr. Janardhanan, College Administrator, and Smt. Sreeja P, Head of the Department of AI&DS.

The session was conducted by Mr. Abhimanue C.P., an alumnus of Sreepathy and currently working as Assistant System Engineer at TCS, Trivandrum. Drawing from his own experiences, Mr. Abhimanue provided valuable insights into the TCS interview process, effective preparation strategies, and the skills required to excel in both technical and HR rounds. He motivated students to approach the interview with confidence, a positive mindset, and a clear understanding of their strengths.

The interactive nature of the session encouraged students to clarify doubts and engage in practical discussions, making it highly beneficial for their upcoming interviews. The Placement Department expressed gratitude to Mr. Abhimanue for his time and guidance, which left the students inspired and better prepared to face the challenges ahead.



STUDENT ACHIEVEMENTS

- Akshaya R of S4 AI&DS, participated and completed the project for the bootcamp “REACT PORTFOLIO” hosted by DevTown in collaboration with Microsoft Student Chapter- MSIT on 23rd may 2025.
- Saarishma Saji of S4 AI&DS, participated in “AI For All” program and completed AI Appreciate stage by intel and Digital India on 03/05/25.
- Saarishma Saji of S4 AI&DS successfully completed the HP LIFE online course “AI for Beginners” on 29/05/2025.
- Saarishma Saji of S4 AI&DS successfully completed the HP LIFE online course “Introduction to Cybersecurity Awareness” on 29/05/2025.
- Saarishma Saji of S4 AI&DS successfully completed the HP LIFE online course “Data Science & Analytics on 29/05/2025.
- Saarishma Saji of S4 AI&DS successfully completed the course “Basics of CSS” as a part of the comprehensive Introduction to Front-End Engineering’ learning path on 31st may 2025.

- Saarishma Saji of S4 AI&DS successfully completed the course "Introduction to HTML" as a part of the 'comprehensive Introduction to Front-End Engineering' learning path on 22nd may 2025.
- Abinav B S, Ajay Krishnan P V, Karthika T P, Nandana T A, Shinfu C and Prabath Krishnan P K of S6 Civil Department have successfully completed 10 days internship at Shoranur Municipality from 21/05/2025 to 4/06/2025.
- Parth Krishnan B Menon, S8 CSE student, has been placed as an IT Executive at Envision Overseas Education Consultant.
- Salman Faris, S8 CSE student, has secured a job at ServerSpace.
- Sayand K K, Anand Venugopalan, and Jishnu Vijayan, S8 CSE students, won a Hackathon competition and secured a paid internship opportunity with UL Technology Solutions.
- Jishnu, Sayand, Jithin, and Vidhya, students of S8 CSE, visited Aster Medcity on May 2nd, 2025, for the demonstration of their research project.
- Students of EEE completed Course Pathway
- Sreehari R S6 EEE - Power System Analysis and Design of Protection Schemes
- Sreehari R S6 EEE - Power System Protection and Relay Coordination.
- Sreehari R S6 EEE received appreciation certificate from L and T EduTech for completing his Career Pathway: - Power and Renewable energy.

STAFF ACHIEVEMENTS

- Ms. Sreeja P, HOD i/c, AI& DS successfully completed the NPTEL course "Computer Vision And Image Processing – Fundamentals And Applications (Jan-Apr 2025-12 week course).
- Ms.Aiswarya.S M, Assistant Professor , AI& DS published a paper "Credit Card Fraud Detection Using GASF" on IEEE Xplore, Conference name ETIS 2025.
- Ms. Khadeeja Thasneem, Lab instructor, AI& DS, actively took part in university exam cell duty.
- Ms.Sribi.MP, Assistant Professor , AI& DS and Ms.Anupama Aravind actively took part in university exam invigilation duty.
- Dr.Sagar M Narayanan, Admission Coordinator, actively initiated the Admission campaign.
- Staff of AS&H department (Mr. Surajkumar , Ms.Uma Maheswari, Ms. Shamseena P T) actively participated in Notice distribution.
- Staff of AS&H department actively participated in paper valuation camp at MES KUTTIPPURAM.
- Staff of this department (Ms.Uma Maheswari, Ms.Shamseena P T, Ms.Mini O P, Ms.Nisma Naseer, Ms. Soumya P, Mr.Ratheesh T, Ms. Soby K Simon, Ms. Sini M) participated in admission process by calling students.
- Mr.Ratheesh T and Mr.Hithes P did observer duty as per the the directions of KTU.
- Ms. Roshini T Mohan (Assistant Professor CE Department) and Mr. Sreekanth E M (Assistant Professor CE Department) successfully completed the Ph.D. course work at Karunya Institute of Technology & Science.
- Dr. Hema P Menon, along with four students from S8 CSE, visited Aster Medcity on May 2nd, 2025, for discussion and demonstration of ongoing research projects and the renewal of the MoU.
- Ms. Divya T, AP/CSE, and Ms. Reji Rahmath K AP/CSE and Ms. Anjana M M, AP/CSE were participated in a six-day online Faculty Development Program on "Agentic AI and Large Language Models" organized by the College of Engineering and Management, Punnapra Under Co-operative Academy of Professional Education Established by Govt. of Kerala from 03/05/2025 to 09/05/2025.

- Ms. Dhanya T N and Ms. Rajitha M R were successfully completed an 8-week NPTEL course on "Advanced Robotics Applications" (Feb–Apr 2025).
- Ms.Sreebala P (Associate Professor ECE Department) successfully completed the NPTEL course on 'Microprocessors And Microcontrollers' conducted by IIT Kharagpur scoring a net score of 66% on 20/05/2025.
- Ms.Sreebala P (Associate Professor ECE Department) & Ms. Anjali Ananthan(Assistant Professor , ECE Department) attended Online Five-Day Faculty Development Programme (FDP) on Exploring 'AI Applications through MATLAB: From Image Processing to Generative AI' organized by the Department of Artificial Intelligence and Data Science, Jyothi Engineering College, Thrissur, Kerala, India between 19 May to 23 May.



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CONGRATULATIONS!!!

From Hackathon to Industry



Sayand K K



Anand Venugopalan



Jishnu Vijayan

"Congratulations for winning the hackathon and securing a paid internship opportunity with
UL Technology Solutions
We're proud of your achievement and look forward to your future success!"

790 283 5555 790 282 5555 790 281 5555

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IT Executive**

**Parth Krishnan
B Menon**

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Department of Computer Science & Engineering

TOPPERS

B.TECH KTU S8 EXAMINATION



AKHILA TJ
9.76



SANJAY S MENON
9.5



S GANGA
9.38



ANAND VENUGOPALAN
9.32



JISHNU VIJAYAN
9.32

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DEPARTMENT OF
MECHANICAL ENGINEERING

Congratulations
KTU S8 Examination Toppers


VISHNU A
7.56


JAGANADHKRISHNA A V
7.21


SREEHARI K
7.15

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Department of Civil Engineering
Congratulation to the Toppers
S8 RESULT


Nayana K J
SGPA - 7.65


Nasreena Thasni K P
SGPA- 7.03


Sanjay T R
SGPA-6.76

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DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING

CONGRATULATIONS

KTU S8 EXAMINATION TOPPERS



Satheerth Nair

SGPA: 8.09



Abhirami
Namboodiri E A

SGPA: 8.29



Saday Sarma A N

SGPA: 7.91



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DEPARTMENT OF ARTIFICIAL
INTELLIGENCE AND DATA SCIENCE

CONGRATULATIONS



SREELAKSHMI T S
S4 AD

10/10 SGPA IN S3 RESULT



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Congratulations!

100%

**2021-25 batch CE
S8 KTU Result.**



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- ♦ Advanced Communication Technology (ACT)
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- ♦ Mechanical Engineering (ME)
- ♦ Electrical and Electronics Engineering (EEE)
- ♦ Electronics and Communication Engineering (ECE)



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