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SREEPATHY

INSTITUTE OF MANAGEMENT AND TECHNOLOGY

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



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FROM CAMPUS TO CAREERS: COURSE COMPLETION CEREMONY 2025

The Course Completion Ceremony of 2025 of Sreepathy Institute of Management and Technology was a momentous event conducted at the seminar hall on June 30th 2025 marking the end of an academic journey for the graduating students of batch 2021-25. The program was meticulously planned and executed, celebrating the academic achievements of the students.

The ceremony commenced with a soulful prayer led by Ms. Thulasi, Assistant Professor, Department of Applied Science and Humanities, setting a serene tone for the proceedings.

Dr. S.P. Subramanian, Principal of Sreepathy, delivered the welcome address. In his speech, Dr.S.P. Subramanian extended a warm welcome to the graduates, their families, and the esteemed guests. He expressed pride in the accomplishments of the students and highlighted the importance of the day as a milestone in their academic and professional journeys.



Dr. SP Subramanian delivering the welcome address

Followingly, Dr. K.B. Brahmadathan, Director of Sreepathy, took the stage to deliver the presidential address. He congratulated the graduates on their successful completion of the course and reflected on the transformative journey they had undertaken. He emphasized the role of education in shaping their future and encouraged them to continue striving for excellence.

Dr. S.P. Subramanian proceeded to honor the Chief Guest, Dr. K R Remesh Babu, Principal of Government Engineering college, Palakkad. This segment included the presentation of a memento to Dr. K R Remesh Babu, recognizing his presence and contribution to the event. Dr. K R Remesh Babu delivered a motivational address, sharing valuable insights and motivating the students for their future endeavors.



Dr. KB Brahmadathan delivering the presidential address

Mr. Manikandan, the PTA President, offered his felicitations, expressing pride in the students' accomplishments and wishing them success.

The certificate distribution ceremony was a key highlight, with certificates being awarded to the graduates by the chief guest. This formal recognition marked the culmination of their academic efforts and was a proud moment for both the graduates and their families. The graduates took an oath, pledging to uphold the values and principles they were taught during their time at Sreepathy. This segment was a solemn reminder of their responsibilities and the ethical standards they are expected to maintain in their future endeavors.



Ms. Akhila T.J, the topper of the 2021-2025 CSE batch, delivered a poignant valedictorian speech, reflecting on their time at Sreepathy and expressing gratitude to the faculty and management.

The ceremony concluded with a vote of thanks by Mr. Sreedath MK, HOD of Mechanical Engineering expressing gratitude to all who contributed to the success of the event. The ceremony ended on a high note, with a sense of fulfilment and anticipation for the graduates as they prepared to embark on their next chapter. The event successfully celebrated their achievements and set a hopeful tone for their future endeavors.

The Course Completion Ceremony of 2025 was a fitting tribute to the hard work and dedication of the graduating students, and it showcased the commitment of Sreepathy to fostering academic and personal growth. The event concluded with a lunch served in the college canteen. The programme ends at 1:00 pm.



FELICITATION PROGRAM FOR SSLC & +2 WINNERS

On Thursday, 5th June 2025, JCI Kootanad proudly hosted Felixia 2025, a felicitation event dedicated to honoring the academic excellence of SSLC and +2 students. The event was held at the Sreepathy Engineering College Auditorium and saw enthusiastic participation from students, parents, faculties and distinguished guests.



The morning session began with registration at 9.30 AM, followed by a moment of silent prayer at 10.00 AM to invoke blessings for the day's proceedings. The session was uniquely structured with parallel sessions held at two venues:

At the auditorium, Mr. Subhash Nair, JCI India Zone Trainer, engaged the audience by highlighting the importance of career planning and personal growth. Simultaneously, in the seminar hall, Mr. Ajeesh V R, a well-regarded career expert, guided students through an eye-opening session on career planning and higher education. These parallel sessions provided participants with valuable insights tailored to their interests and needs.

Following the morning sessions, the formal meeting was called and the same was elegantly anchored by Ms. Sreebala P, Associate Professor (ECE Department) of Sreepathy, who maintained the flow of the event with grace. The welcome address was delivered by Mr. Rajaneesh R, Head of Department (In-charge), Associate Professor (EEE Department) of Sreepathy, who extended a warm reception to the dignitaries and participants.

The event was formally inaugurated by Prof. Sushama M, Principal (In-Charge) of Sreepathy, who commended the organizers and encouraged the students to make the most of such opportunities.

The afternoon session, from 1 PM to 3 PM, featured an enriching career guidance program followed by the felicitation ceremony for the +2 students. Registration began at 12:30 PM, setting the stage for an engaging and inspiring program.

Career guidance sessions were conducted separately for Commerce & Humanities and Science students. Career expert Mr. Ajeesh V R and JCI India Zone Trainer Mr. Subhash Nair, motivated the Commerce and Humanities students by exploring diverse career opportunities and practical advice.



Simultaneously, for science stream students, the program featured an engaging career guidance session led by Mr.Yadu P Dev, Assistant Professor (CSE Department) and Ms.Anjali Ananthan, Assistant professor (ECE Department), both from Sreepathy offering valuable insights into emerging fields and academic pathways.

The felicitation segment recognized the efforts and accomplishments of the students with the distribution of certificates.

Felixia 2025 was a memorable occasion that celebrated academic success and provided meaningful guidance, inspiring students to confidently embrace their future endeavors.



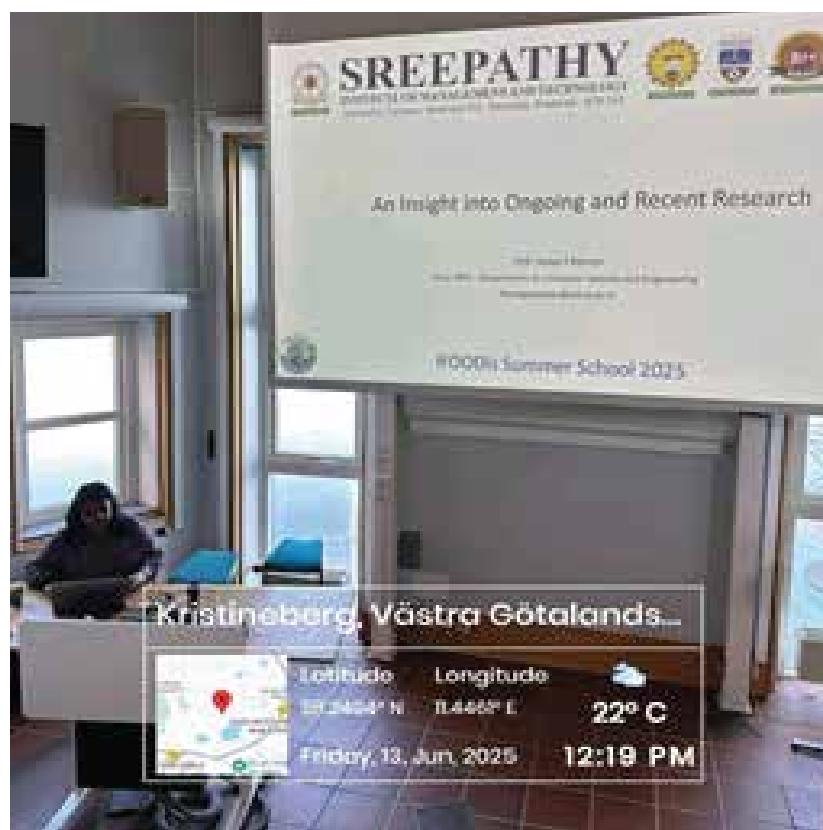
EXPLORING THE FUTURE OF MARINE ROBOTICS

The IFOODIS Summer School on Robotics 2025 was held at the Kristineberg Marine Research Station, Sweden, from 10th to 20th June 2025. The program brought together researchers, students, and experts from around the world to explore innovative technologies and methodologies for sustainable marine food production and marine robotics. Representing SIMAT, Dr. Hema P. Menon, Professor and Dean (R&D, CSE), attended the 11-day event, which combined theory, hands-on fieldwork, and collaborative presentations.

The summer school began on 10th June with the arrival of participants, orientation sessions, safety briefings, and initial testing of equipment. Over the next few days, technical and scientific sessions were conducted on a wide range of topics including marine robotics, autonomous systems, sensor technologies, food security methodologies, ecosystem monitoring, and astrobiology-themed explorations such as "Oceans on Icy Moons." Practical sessions included operating remotely operated vehicles (ROVs), drone testing, underwater sensor deployments, and data management exercises.

On 15th June, the participants engaged in cultural and social activities, with a networking barbeque in the evening that strengthened community bonding. The following days (16th to 19th June) were dedicated to advanced applications and field activities. Sessions covered AUV deployment and navigation, mariculture technologies, and species-specific monitoring. Fieldwork included lander and CTD deployments, evening sessions on data recovery, and working group collaborations. Student participants also presented their work through multiple talk sessions.

The program concluded on 20th June with group presentations showcasing the outcomes of collaborative projects, followed by a wrap-up and feedback session.



During the course of the program, Dr. Hema P. Menon had the honour of presenting the ongoing and recent research work at SIMAT. This presentation highlighted the institution's research strengths and initiatives, providing an opportunity to connect with an international audience and opening doors for future academic and research collaborations. In addition to the presentation, she actively engaged in ROV and drone deployment exercises, data interpretation workshops, and interdisciplinary discussions on sustainability and digital monitoring in marine systems.

The summer school offered several key learnings, including hands-on experience with advanced underwater robotics and sensor technologies, enhanced skills in data handling and recovery, exposure to global perspectives on marine restoration, mariculture, and planetary ocean exploration, as well as opportunities for international networking and collaboration.

Overall, the IFOODIS Summer School 2025 was a rich and immersive learning experience. For SIMAT, it was a proud moment as its research contributions were showcased on a global platform, paving the way for meaningful collaborations and knowledge exchange in the fields of marine science and sustainable food systems.

FDP ON FOUNDATION AND EVOLUTION OF AI

An FDP on "Foundation and Evolution of Artificial Intelligence" was organized on June 25, 2025, at the Seminar Hall of Sreepathy Institute of Management and Technology, Vavanoor. The sessions were handled by Dr. Harikrishnan P. M., Ph.D. in AI (NIT Trichy), Research Scientist, Quantiphi Analytics, Bangalore, who shared his expertise on both the foundations of artificial intelligence and the emerging field of generative AI.

The program began with a welcome address by Dr. S. P. Subrahmanian, Principal, SIMAT, who emphasized the significance of AI in the present technological era. The forenoon session, from 9.30 am to 12.00 pm, provided insights into the foundations and evolution of AI. Dr. Harikrishnan discussed the basics of artificial intelligence, its applications across engineering domains, the shift from traditional AI and machine learning to modern deep learning, and introduced the scope of generative AI along with societal and ethical considerations.



In the afternoon session, conducted from 1.00 pm to 3.30 pm, he focused on “Generative AI – Techniques, Tools, and Engineering Applications.” This session explored the fundamentals of generative AI, state-of-the-art models and platforms, and highlighted how GenAI can be effectively applied to engineering problem-solving in line with industry requirements. While all faculty members attended the first session, the second session was mainly attended by the AI & DS and CSE faculties, along with interested faculty from other departments.

Both sessions were interactive, with participants engaging actively and clarifying their queries. The program concluded with a vote of thanks by Ms. Sreeja P., HOD (i/c), Department of AI & DS, who expressed gratitude to the speaker, the organizing team, and the participants for making the FDP a success.

The event was well-received and provided a comprehensive perspective on the evolution of AI and the latest advancements in generative AI, equipping faculty members with valuable knowledge to leverage AI technologies effectively and responsibly in engineering education and research.

CORPORATE EXPECTATION

A training session on “Corporate Expectation” was conducted for the final year B.Tech students of SIMAT on 12th June 2025 at the Seminar Hall. The session was led by Shri. Paul Chakola, Head of Training and Placement, Vidya College, Thrissur, who shared his expertise on the qualities and skills expected from engineering graduates in today’s corporate world.

The program highlighted the importance of professionalism, punctuality, attendance, and consistent performance, while also stressing the need for students to stay updated with industry-relevant skills. The speaker elaborated on the current scope of employment and encouraged students to embrace continuous learning and skill enhancement to stay competitive in the job market.

Final year students from all branches participated enthusiastically in the session. The interactive discussions and practical insights offered by Shri. Paul Chakola were well received and appreciated by the participants. The training served as an eye-opener, preparing students to better align themselves with corporate expectations as they step into their professional careers.



M POWER PERSONALITY ENHANCEMENT PROGRAMME

A three-day training programme on “M Power Personality Enhancement” was organized for the final year B.Tech students of SIMAT from 9th to 11th June 2025 at the Seminar Hall. The sessions were conducted by Shri. Krishnakumar and his team from Vertical Eye, Conoor, Ootty, as per Circular No. 142 dated 29-05-2025.

The programme aimed at improving the soft skills of students and preparing them for professional challenges. The sessions focused on mock interviews, group discussions, communication skills, ice-breaking activities, teamwork, SWOT analysis, and attitude tuning. Through a mix of interactive discussions and practical exercises, the resource team provided students with valuable insights into personality development and workplace readiness.

Final year students from all branches participated actively in the training, making the sessions lively and impactful. The programme was well received by the participants, who appreciated the practical approach and relevance of the topics covered. Photographs of the event have been included as part of the documentation.



“BEYOND TEACHING: THE ART OF STUDENT MENTORING”

Sreepathy Institute of Management and Technology organized an interactive student mentoring session titled "Beyond teaching: the art of student mentoring" on 26 June 2025 at 9.30 am in the Seminar Hall. The session led by Ms. Asha TV, Student Counsellor, provided a meaningful and reflective experience for teachers. She focused on the importance of mentorship in shaping careers and personal growth of students. She shared her expertise on fostering a supportive environment, encouraging teachers to adopt a caring approach. She also discussed the challenges students face in society, including substance abuse and family issues.

The session highlighted the importance of self-care for teachers, emphasizing the need to prioritize emotional and physical well-being. She suggested that incorporating self-care practices into the daily lives, teachers can improve productivity, and provide better support to their students. She suggested such practices like journaling, mindfulness, exercise and reading.

The session by Ms. Asha T.V. was insightful and thought-provoking, highlighting the evolving needs of students and the vital role of mentors in addressing academic and emotional challenges. It reinforced the idea that effective mentoring goes beyond teaching, involving empathy, self-awareness, and mutual support. The session encouraged teachers to build a stronger bond through open communication and shared understanding, creating a nurturing platform for personal and academic growth.



EMERGING TRENDS IN RENEWABLE ENERGY SYSTEMS: A MATLAB-BASED SIMULATION

An ATAL Faculty Development Programme (FDP) titled "Emerging Trends in Renewable Energy Systems: A MATLAB-Based Simulation" was organized by MES College of Engineering, Kuttipuram, Malappuram District, from 23rd to 28th June 2025 in offline mode. The programme carried the FDP application number 1743834159.

The FDP was designed to provide faculty members, researchers, and postgraduate students with an in-depth understanding of renewable energy integration, smart grid technologies, and MATLAB-based simulation approaches. Eminent speakers from reputed institutions including IIT Palakkad and NIT Calicut, along with industry experts from MathWorks/CoreEL Technologies and the National Institute

of Solar Energy, shared their expertise and insights during the sessions.

The six-day programme covered a wide range of topics such as solar and wind system performance analysis, microgrid modeling, intelligent control strategies, power electronics for energy systems, and techno-economic optimization. In addition to technical lectures, participants benefited from practical laboratory sessions, research paper discussions, and an industrial visit, which together offered a comprehensive learning experience.

The FDP successfully blended theoretical knowledge with hands-on applications, enabling participants to strengthen their expertise and align with the latest advancements in renewable energy systems. It provided a valuable academic engagement that will contribute meaningfully to teaching, research, and industry collaboration in this vital field.

Day 1 – 23 June 2025

• Session 1 – Forenoon (9:30 AM – 12:00 PM)

Speaker: Dr. Nikhil P. G., Deputy Director, National Institute of Solar Energy, Gurugram

Topic: Performance and Evaluation of Solar Plants – Case Studies

Summary:

This session introduced real-time assessment and performance evaluation methods for solar photovoltaic (PV) plants. Dr. Nikhil discussed common efficiency bottlenecks, degradation patterns, and energy yield analysis using real-world Indian solar installations. Participants reviewed monitoring tools and reliability indicators of PV systems through detailed case studies, offering practical insights into troubleshooting and optimization.

• Session 2 – Afternoon (2:00 PM – 4:30 PM)

Speaker: Dr. Sasi K. Kottayil, Consultant (ASIA Pvt Ltd), Former Prof. – Amrita Vishwa Vidyapeetham

Topic: Intelligent Control of Modern Wind Energy Systems

Summary:

Dr. Sasi explored advanced wind energy systems and how intelligent control mechanisms like fuzzy logic and machine learning algorithms optimize power output and fault detection. He also explained integration issues with grid-tied wind farms and modeling using control strategies in MATLAB.

Day 2 – 24 June 2025

• Session 3 – Forenoon

Speaker: Dr. Arun Rahul S., Assistant Professor, IIT Palakkad

Topic: Power Hardware-in-the-Loop Evaluation of Motor Drives and Grid Systems

Summary:

This session focused on real-time simulation using Hardware-in-the-Loop (HIL) setups. Participants learned how HIL is applied in testing converters, inverters, and motor control systems in renewable energy environments, significantly reducing prototyping costs and improving design reliability.

• Research Article Discussion (12:00 PM – 1:00 PM)

Paper: Design and simulation of reduced switch converter based solar PV and energy storage fed SAPF using butterfly optimization

Journal: Fuel, Elsevier (2024)

Summary:

An analytical discussion was held on reduced switch topologies and novel optimization techniques for power filters. The participants appreciated the relevance of butterfly optimization in minimizing converter losses and improving dynamic performance.

• Session 4 – Afternoon

Speaker: Dr. Kumaravel S., Associate Professor, NIT Calicut

Topic: Design and Simulation of DC-DC Converter for Solar PV

Summary:

The session covered buck, boost, and Cuk converters for PV energy harvesting. MATLAB/Simulink models were demonstrated for maximum power point tracking (MPPT) and load adaptation.

Emphasis was placed on control loop design and thermal management.

Day 3 – 25 June 2025

• Session 5 – Forenoon

Speaker: Dr. Riyaz A. Rahiman, Senior Application Engineer, MathWorks/CoreEL

Topic: MATLAB Training on Microgrid Design with Renewable Integration

Summary:

Hands-on MATLAB simulation models for hybrid microgrids were introduced. Participants simulated solar-wind-battery systems and analyzed load profiles, storage dispatch, and fault response using Simulink and Simscape tools.

• Research Article Discussion (12:00 PM – 1:00 PM)

Paper: Topology design of variable speed drive systems for power quality in industrial grids

Journal: Renewable & Sustainable Energy Reviews (2025)

Summary:

This session explored VSD-based power conditioning and harmonics reduction. Modern drive technologies with regenerative braking and grid-compliant control strategies were analyzed through journal discussion.

• Session 6 – Afternoon

Speaker: Mr. Rakshith B. S., Senior Application Engineer, MathWorks/CoreEL

Topic: Renewable-Powered Microgrid Modeling Using MATLAB

Summary:

This session continued the MATLAB-based exploration of microgrid control. The focus was on modeling DER (Distributed Energy Resources), load balancing, and black start operation strategies using Power Systems Toolbox.

Day 4 – 26 June 2025

• Session 7 – Forenoon

Speaker: Mr. Rakshith B. S. (continued)

Topic: Advanced Microgrid Analysis

Summary:

Further deep-dive into operational modes: grid-connected vs. islanded. Hands-on design of control loops for voltage/frequency regulation and reactive power compensation.

• Research Article Discussion (12:00 PM – 1:00 PM)

Paper: Techno-economic optimization of Microgrid operation with hydrogen storage

Journal: IJ of Renewable Energy (2024)

Summary:

Key takeaways were economic modeling, optimization with hydrogen storage integration, and multi-objective performance indices (cost, emissions, reliability).

• Session 8 – Afternoon

Speaker: Dr. Riyaz A. Rahiman

Topic: Continuation: MATLAB Training – Renewable Microgrid Design

Summary:

Participants built multi-scenario simulations incorporating faults, peak load variations, and integration of EV charging stations within microgrid models.

Day 5 – 27 June 2025

• **Industrial Visit: Hykon India Ltd, Thrissur**

Specializations:

- Electric Vehicles
- Lithium Batteries
- Solar Water Heaters & Packs
- Inverters and UPS

Learning Outcome:

Participants observed practical implementation of solar and battery-based solutions. The company demonstrated assembly lines, safety features in EVs, and micro-inverter technologies.

Day 6 – 28 June 2025

• **Session 10 – Forenoon**

Speaker: Dr. Suhara E. M., Professor, GEC Thrissur

Topic: Bidirectional Converter for Renewable Applications

Summary:

Exploration of converter topologies used in energy storage systems and vehicle-to-grid (V2G) applications. MATLAB simulation of buck-boost dual converters was demonstrated.

• **Research Article Discussion (12:00 PM – 1:00 PM)**

Paper: Sustainable electrification of remote communities: Techno-economic and demand response analysis for renewable microgrids

Journal: Energy Conservation & Management (2025)

Summary:

Discussion revolved around sustainable energy delivery models, demand-side management, and scalable microgrid deployment in rural zones.

• **Session 9 – Afternoon**

Speaker: Dr. Nafeesa K., Professor, MES College of Engineering, Kuttippuram

Topic: Renewable Energy Communities in Rural Areas

Summary:

She covered the socio-economic, technical, and policy challenges in rural electrification. Real-world projects and government schemes were discussed with focus on community ownership models.

Valedictory Function (4:00 PM – 5:00 PM)

The FDP concluded with participant feedback, certificate distribution, and a formal closing address by the organizing authorities and expert panel.

This six-day FDP offered a balanced blend of academic depth, industrial relevance, and hands-on MATLAB training, strengthening the capability of faculty and scholars to pursue innovation in renewable energy systems. The focus on simulation, real-world case studies, and research enrichment has made it a highly impactful learning experience.

CBT EXAMINATION AT SIMAT

The Commissioner for Entrance Examinations (CEE), Kerala, successfully conducted the KMAT (Session II), LLB 3-Year, and LLB 5-Year 2025 Computer-Based Test (CBT) at Sreepathy Institute of Management & Technology (SIMAT) from May 30 to June 1, 2025. The examinations were organized at two venues, 170 and 426, equipped with 225 computer systems distributed across seven labs, including the Project Lab, Programming Lab, Compiler Lab, Language Lab, Computer Centre, CADD Lab, and ECE Software Lab.

The examination was supervised by Mr. Vinaychandran N. (Chief Superintendent, Venue 426), Mr. Savyan P.V. (Chief Superintendent, Venue 170), and Prof. Sushma M. (Centre Coordinator). Technical support was provided by Ms. Vineetha Das M. (Venue 426) and Mr. Kuriakose Philip (Venue 170), with network specialists Mr. Siju C.C. (Venue 170) and Ms. Rajitha M.R. (Venue 426) ensuring smooth connectivity and system operations. Supporting the process were SIMAT's in-house team members, including Mr. Ramdas V.K. (Electrician), the office staff comprising Ms. Sunitha T., Ms. Geetha T.P., Ms. Dhanya, and Mr. Gireesh V.T., along with invigilators Ms. Dhanya T.N., Ms. Khadeeja Thasneem, Ms. Aarathy P.S., Ms. Renjumol A., Mr. Saurav S. Kumar, and Mr. Hithes P.

A mock test was held on May 30 to confirm system readiness and familiarize the staff with the procedures. The main examinations followed on May 31 and June 1, during which the college ensured efficient logistics, technical stability, and candidate comfort. Candidates were first assembled in the seminar hall for registration, managed by the office team, and were then directed to their allotted labs. The security and reception teams coordinated entry and registration, ensuring an orderly flow.

Attendance across sessions reflected strong participation. On May 31 (2:00 PM – 5:00 PM), 114 out of 127 candidates appeared at Venue 170, while 31 out of 36 attended at Venue 426. On June 1 (10:00 AM – 12:00 PM), 95 out of 104 candidates were present at Venue 170, and 67 out of 73 at Venue 426. The final session, held on June 1 (3:00 PM – 5:00 PM), recorded 108 candidates at Venue 170 out of 127 registered.

The contributions of the cleaning staff in maintaining hygiene and the canteen team in providing quality food for candidates, parents, and staff were commendable, ensuring a comfortable environment throughout the three days. With meticulous planning, teamwork, and professional coordination, the KMAT (Session II), LLB 3-Year, and LLB 5-Year 2025 CBT examinations at SIMAT were conducted successfully and smoothly.



*Team Sreepathy
with officials*

UGC NET JUNE 2025 EXAMINATION AT SIMAT

The UGC NET Examination – June 2025 Session was conducted at Sreepathy Institute of Management & Technology (SIMAT) from 25th to 29th June 2025. The exam was organized under the observation of TCS officials, with Mr. Siju C.C. (System Administrator, CSE) serving as the Liaison Officer, and Ms. Rajitha M.R. (Lab Instructor, CSE) handling responsibilities as the Network Specialist. Technical support was extended by Mr. Sujith V.S. and Mr. Saday Sarma A.N. The SIMAT support team also played an important role, with electricians Mr. Ramdas V.K. and Mr. Anildas V.K., MOEs Ms. Sunitha T., Ms. Geetha T.P., and Ms. Nasriya T., and invigilators Ms. Dhanya T.N., Ms. Renju Mol A., Ms. Khadeeja Thasneem, and Ms. Aarathy P.S. ensuring smooth conduct of the sessions.

The examination venue was equipped with 130 computer systems, including buffer systems, distributed across three labs—Computer Centre, Programming Lab, and Compiler Lab—providing a technically stable environment for candidates. To ensure readiness, mock tests were conducted on 23rd and 24th June 2025.

The examination sessions ran systematically over the five days. On 25th June, 78 candidates attended the morning session, followed by 67 candidates on 26th June. On 27th June, two sessions were conducted, with 74 candidates in the morning and 79 in the afternoon. On 28th and 29th June, the afternoon sessions each recorded 74 candidates.

Through effective coordination, technical preparedness, and the dedicated efforts of the entire support team, the UGC NET June 2025 Session at SIMAT was successfully completed with smooth operations and efficient management.



STUDENT ACHIEVEMENTS

- Abhinav AV, Ardhra Ashtamoorthy KM, Jewel Job, Vaishnav Sooryanarayanan, Varsha CM, Akshaya R, Sreevals R, Gopikrishnan AV, Karthik Sreenivasan P and Sooraj PN S5 AI&DS completed 5 days internship in KELTRON on 2nd ,3rd ,4th ,5th and 9th june 2025.
- Aravind AK and Chaithra R S5 AI&DS submitted a paper "AI-Powered Smart Traffic Signal System with Emergency Vehicle Priority and Power Optimization" as guide on IEEE Xplore, Conference and the paper got selected for the presentation.
- Abhijith.B, Nandana R , Fathimath Shahana K , Nafia, Fidha Parvin MV and Shadiya Sharin EK S5 AI&DS completed 7 days internship in Genzee Technology Ernakuram from 12th -18th June 2025.
- Anjali Balakrishnan S5 AI&DS successfully participated in a one day sessin on "Introduction to Python Programming for Data Science" held on 31st May 2025 organized by ASAP kerala as a part of Smart learn series in association with 360DigiTMG.
- Anjali Balakrishnan S5 AI&DS successfully completed "Improve Communication Skills " an online non-credit course authorized by University of Pennsylvania and offered through Coursera.
- Anjali Balakrishnan S5 AI&DS successfully completed the One Million Prompters initiative launched by His Highness Sheikh Hamdam ,crown prince of Dubai on the month of June.
- Saarishma Saji of S5 AI&DS successfully participated in a one day sessin on "Introduction to Python Programming for Data Science" held on 31st May 2025 organized by ASAP kerala as a part of Smart learn series in association with 360DigiTMG.
- Saarishma Saji of S5 AI&DS has successfully completed internship at Envirotab Solutions in the domain of Research and Development from 1st -30th June 2025.
- Saarishma Saji of S5 AI&DS has successfully completed the course by demonstrating theoretical and practical understanding of Prompt Engineering conducted by Sololearn on 28th June 2025.
- Saarishma Saji of S5 AI&DS has successfully completed the course "Introduction to JavaScript for Front-End Engineers" as the part of the comprehensive introduction to Front-End Engineers learning path on 21st June 2025.
- Saarishma Saji of S5 AI&DS has successfully completed the course by demonstrating theoretical and practical understanding of Python Developer by Sololearn on 27th June 2025.
- Saarishma Saji of S5 AI&DS has successfully completed the course "Web Development 101-Getting started with JavaScript" on the month of June.
- Saarishma Saji of S5 AI&DS has successfully completed the online course Robotics and Controls Job Simulation on 21st June 2025.
- Saarishma Saji of S5 AI&DS has successfully completed the online course Technology Job Simulation on 20th June 2025.
- Saarishma Saji of S5 AI&DS has successfully completed the online course Cybersecurity Analyst Job Simulation on 20st June 2025.

- Athul Dev S5 AI&DS has successfully completed internship at Envirotab Solutions in the domain of Research and Development from 1st -30th June 2025.
- Adithya Chandran S5 AI&DS has successfully completed internship at Envirotab Solutions in the domain of Research and Development from 1st -30th June 2025.
- Sooraj PN S4 AI&DS has successfully completed 5 days internship in Flutter Development at CodeDesign Technologies Pvt.Ltd on 27th June 2025.
- Navaneed P S5 AI&DS has successfully completed internship at Envirotab Solutions in the domain of Research and Development from 1st -30th June 2025.
- Navaneed P S5 AI&DS has successfully completed the online course "Technology job simulation" on June 21st 2025.
- Navaneed P S5 AI&DS has successfully completed the online course "Cyber job simulation" on June 21st 2025.
- Navaneed P S5 AI&DS has successfully completed the online course "GenAI Powered Data Analytic job simulation" on June 28th 2025.
- Muhammed Shibil KP S5 AI&DS has successfully completed internship at Envirotab Solutions in the domain of Research and Development from 1st -30th June 2025.
- Akhil P S5 AI&DS has successfully completed internship at Envirotab Solutions in the domain of Research and Development from 1st -30th June 2025.
- Sheharuz Muhammed CS S5 AI&DS has successfully completed internship at Envirotab Solutions in the domain of Research and Development from 1st -30th June 2025.
- Shamma Sherin S3 AI&DS has successfully completed Career pathway: Python Developer in L&T Edutech.
- Minthra Pradeep S3 AI&DS has successfully completed Career pathway: Window server administrator/IT Support specialist in L&T Edutech.
- Prarthana Prakash of S2 AD, Aadilakshmi TN of S2 A1 CSE, M Dhanesh of S2 A2 CSE, Gopika E of S2 A1 CSE, Aswin Ks of S2 AD\ received letter of appreciation from Career Pathway for her exceptional excellent performance in add on course.
- Sreejesh Kumar AK of S2 AD completed Big Data Analytics, Machine Learning for Data Analytics, Customer Analytics, Intermediate Python for Data Analytics, Time Series Analysis designed by L&T EduTech.
- Aadarsh J Prakash of S2 A1 CSE completed Python programming and web development designed by L&T EduTech.
- Akshay T V of S2 A1 CSE completed Networking and Security Professional, Ethical Hacking Gateway designed by L&T EduTech.
- Anand P T of S7 CE have completed L&T Career Pathways in the topic- Construction project engineer.

- Karthika T P, Ajay Krishnan and Aswani of S7 CE completed L&T Course Pathways in topic – Mechanised construction method.
- Roshith Rajan of S5 CE have successfully completed one week internship at PIE Builders and Developers in the month of June.
- Anand P, Deepna Surendran P, Hridya P, Karthika T P, Reema Sherin T P, Sinsha, Anandu K, Prabhath K, Mumthas M A and Adwaith K of S7 CE participated in placement training at SIMAT, Vavanoor on 9/06/2025 to 12/6/2025
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- Roshith Rajan of S5 CE have successfully completed one week internship at PIE Builders and Developers in the month of June.
- Anand P, Deepna Surendran P, Hridya P, Karthika T P, Reema Sherin T P, Sinsha, Anandu K, Prabhath K, Mumthas M A and Adwaith K of S7 CE participated in placement training at SIMAT, Vavanoor on 9/06/2025 to 12/6/2025
- Team TILLTO, comprising Anusree R K, Athira V, and Anusree Janardhanan (S4 CSE), was selected among the Top 100 startups at India's largest go-to-market launchpad for early-stage startups.
- S5 students attended internship at Code design technologies & CorizoEdutech Private Limited during the month of June 2025.
- S7 students attended internships at Tech Magi , Keltron Thrissur , Future optima IT solutions (Kochi) & Retechnox Technologies LLP Thapasya during the month of June 2025.
- Chaithanya CC S3 ECE Completed Career Pathway: VLSI and Embedded System Design Engineer and Completed Course Pathway in Cyber Physical System Engineering.
- 14 students from S7 ECE attended career accelerator program from 09/06/2025 to 12/06/2025.
- Arjun Raj, Sreedurga and Athulya of S7 ECE got best team award as a part of M Power programme in Career accelerator program for final year students.
- Goutham Krishna MJ of S5 ECE completed L&T course pathway on Web Development Fundamentals: HTML,CSS & Java Script.
- Amritha Nandakumar of S5 ECE completed course on Cybersecurity Analyst Job Simulation by Forage.
- Amritha Nandakumar of S5 ECE completed TSSC online course in Telecom Entrepreneurship In India conducted by Telecom Sector skill council
- Athira M.V , Reem M, Shaimath V& Vaishnav T.P of S7 ECE made a paper submission on the topic 'Traffic Alert System For Curved Roads' at International Conference on SmartTechnologies, AI, IoT, and App Development (ICST-2025).

- Anshida C.T, Athulya.V, Bhavya.R & Krishnaprasad P.V of S7 ECE made a paper submission on the topic 'Automatic cloth retrieval system' at International Conference on Smart Technologies, AI, IoT, and App Development (ICST-2025).
- Lakshmi Nanda S , Nimmi U, Sreekanth K & Surya K S of S7 ECE made a paper submission on the topic 'Intelligent Inventory Management System' at International Conference on Smart Technologies, AI, IoT, and App Development (ICST-2025).
- Arjun Raj A , Anamika K, Navya. A. P & Muhammed Sahal. N of S7 ECE made a paper submission on the topic 'Mediguard 7x - A Smart , secure medicine box for timely medication' at International Conference on Smart Technologies, AI, IoT, and App Development (ICST-2025).
- Sreedurga.C.K , Vaishnav. M , Sneha. M. P & Anju.K of S7 ECE made a paper submission on the topic 'Interactive Navigation System' at International Conference on Smart Technologies, AI, IoT, and App Development (ICST-2025).
- Alinda Antony of S5 ECE participated in AI for All Program completed by Digital India on 14/06/2025.
- Arun Kumar P T S3 EEE completed Course Pathways in Agile Practitioner and scrum master certification: Real – World Devops Application, Comprehensive project skills: Microsoft project, Agile Scrum and finance, Python programming and web development.
- Arun Kumar P T S3 EEE received appreciation certificate from L and T EduTech for completing his Career Pathway: Program Manager, Indirect Taxation, Python Developer.
- Nandakishor K V and Sreehari R S7 EEE participated in placement training at SIMAT, Vavanoor on 9/06/2025 to 12/6/2025.
- Students of S7 EEE attended Internship training at KSEBL.
- Nandakishor K V, Nijin Prakash and Sreehari R S7 EEE completed 1 week Internship at Sr. section electrical engineer/P/PGT, Palakkad Division Southern Railway from 18/06/2025 to 23/06/2025
- Nandakishor K V S7 EEE started 1 year training to unemployed youth by Skill development centre and STARS (Samagra Shiksha Kerala) Program. Topic: Electric Vehicle Service Technician.
- Krishnaji C S5 EEE completed her internship on "Python, MongoDB, Flask add on courses" from Reverttech IT solutions from 13/06/2025 to 16/06/2025
- Krishnaji C S5 EEE completed the HP life online course on "Introduction to Digital Business Skill"
- Aravind P R, Midhila A P and Rishikesh P S S5 EEE started 2 months online Internship at Corizo Edutech Private Limited on "Hybrid Electronic Vehicle".
- 9 students from S6 ME (2022 admn) attended the Career Accelerator Program - Engineer Your Future held at SIMAT from 9th June to 11th June 2025

STAFFt ACHIEVEMENTS

- Ms. Sreeja P, HOD i/c, AI& DS department successfully completed the NPTEL course “Deep Learning-IIT Ropar (Jan-Apr 2025-12-week course) and secured Elite Silver.
- Ms. Sreeja P, HOD i/c, AI& DS department successfully participated online 5 days Faculty Development Program on “Exploring AI Application through MATLAB: From Image Processing to Generative AI” from 19th May to 23rd May 2025.
- Ms. Neethu K, Assistant Professor, AI& DS department participated 5 days Faculty Development Program on “AI, ML & Data Science – Essential for Educators” organized by Department of Artificial Intelligence and Data Science, MES College of Engineering, Kuttippuran from 9th June 225 to 13th June 2025.
- Ms. Aiswarya.S M, Assistant Professor , AI& DS submitted a paper “AI-Powered Smart Traffic Signal System with Emergency Vehicle Priority and Power Optimization” as guide on IEEE Xplore, Conference and the paper got selected for the presentation.
- Ms. Khadeeja Thasneem, Lab instructor, AI& DS, attended duty as invigilator duty of UGC NET examination on 25/06/25 to 29/06/25
- Ms. Sreeja P, HOD i/c, AI& DS department attended the supplementary valuation at MES Kuttippuram on 17th and 27th June 2025
- All staff members of AI& DS department attended a one day session “Beyond teaching: the art of student mentoring” handled by Ms.Asha TV, Student councillor, at seminar hall on 25th June 2025.
- Dr.Sagar M Narayanan, HOD AS&H , provided the necessary guidance for the conduct of felicitation function, jointly organised by JCI and SIMAT for the toppers of 10th and 12th exams. (05.06.2025).
- Staff of AS&H department actively participated in paper valuation camp at MES KUTTIPPURAM
- Dr.Sagar M Narayanan, Admission Coordinator, actively participated the Admission campaign.
- Staff of AS&H department (Mr. Hithes P) participated in the conduct of KMAT & LLB online entrance.
- 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. Jishnu BH actively participated in time table preparation for the academic year 2025 -26.
- Mr.Ratheesh T and Mr.Hithes P did observer duty as per the the directions of KTU.
- Staff of this department actively participated in the FDP “Foundation and Evolution of AI “organized by department of AI&DS and conducted by Dr. Hari Krishnan P M on 25.06.2025.
- Staff of this department participated in the Counselling session “Beyond Teaching: the art of student mentoring “conducted by Ms. Asha (College Counsellor) on 26.06.2025.

- Ms. Roshini T Mohan (Assistant Professor CE Department) and Ms. Anumol Sukumaran (Assistant Professor CE Department) attended 5 days FDP on "Innovations in civil engineering: Integrating geospatial technologies, structural monitoring, AI and Sustainability" organized by Dept. of CE, Jyothi Engineering College, Thrissur from 16/06/2025 to 20/06/2025.
- Faculties of CE Department participated in one day FDP on "Foundation and Evaluation of Artificial Intelligence" by Harikrishnan P M, Research Scientist, Quantiphi Analytics, Bangalore at SIMAT, Vavanoor on 25/06/2025.
- Faculties of CE Department participated in Interactive session on "Beyond Teaching: The art of Student Mentoring" by Ms. Asha T V, Student Counsellor on 26/06/2025.
- Faculties of CE Department participated in Embracing online documentation in academics demonstration "From Files to Cloud" by Ms. Sreeshma K, HoD/ CSE on 23/06/2025.
- Ms. Divya T, AP/CSE, Ms. Aparna V, AP/CSE, and Ms. Anjana M M, AP/CSE were Successfully participated in the 5-day Faculty Development Programme on "The Impact of Cyber Security and Ethical Hacking Applications" held from June 9 to 13, 2025, organized by St. Thomas College of Engineering & Technology, Kozhuvallur, Chengannur, Alappuzha.
- Ms. Sreeshma K, HOD CSE, Conducted a demonstration session on "From Files to Cloud: Embracing Online Documentation in Academics" on 23rd June 2025 at Sreepathy Institute of Management and Technology.
- Mr. Anoop Aryan, AP/CSE, attended the FDP in Cyber Security at IIT Madras, qualified Part 1, and was selected for Part 2.
- Ms. Anjali Ananthan (Assistant Professor , ECE Department) made a submission on the topic 'Edge-Based, Power-Efficient Real-Time Wild Animal Detection and Alarm System on Raspberry Pi Using YOLO Architecture' at 2025 International Conference on Power, Instrumentation, Control and Computing (PICC) , Government Engineering College , Thrissur on 29/06/2025.
- Ms. Praseena K (Assistant Professor , ECE Department) attended her first DC meeting as a part of PhD programme on 26/06/2025.
- Ms. Praseena K , Ms.Athira Menon G, Ms.Shehras V.U & Ms.Neha R (Assistant Professors , ECE Department) attended FDP on Next Generation Wireless Communication Systems from 19th to 21st June 2025 NSS College of Engineering.
- Faculties of ECE Department participated in one day FDP on "Foundation and Evaluation of Artificial Intelligence" by Harikrishnan P M, Research Scientist, Quantiphi Analytics, Bangalore at SIMAT, Vavanoor on 25/06/2025.
- Faculties of ECE Department participated in Interactive session on "Beyond Teaching: The art of Student Mentoring" by Ms. Asha T V, Student Counsellor on 26/06/2025.
- Ms. Praseena K (Assistant Professor, ECE Department) attended her ATAL FDP on "The Emerging Trends in Renewable Energy Systems: A Matlab based simulation FDP from 23rd June to 28th June.
- Faculties of ECE Department participated in Embracing online documentation in academics demonstration "From Files to Cloud" by Ms. Sreeshma K, HoD/ CSE on 23/06/2025.

- Dr.Vinod C (HOD ECE Department) made a submission on the topic 'Deep learning-based multimodal neuroimaging framework for brain lesion detection and prognostic biomarker analysis' at 2025 International Conference on Power, Instrumentation, Control and Computing (PICC) , Government Engineering College , Thrissur on 30/06/2025.
- All the staff members of the department actively involved in the conduct of graduation ceremony for 2021-2025 batch.
- Mr. Rejaneesh R, Associate Professor nominated as Program Officer, NSS for AY 2025-26.
- Ms. Nimisha Ravi Assistant Professor is the member of Innovation and Entrepreneurship Development Cell /TBI for AY 2025-26.
- Mr. Rejaneesh R, Associate Professor- Coordinator of FELIXIA 2025 Career guidance and felicitation for 10th and 12th students on 05/06/2025.
- Ms. Archana P attended an online placement meeting by Tech Mahendra on 11/06/2025.
- Ms. Nimisha Ravi Assistant Professor was posted as the Internal examiner for the external lab exam (2019 Scheme Supply) EEL333 Electrical Machines Lab II on 19/06/2025.
- Mr. Rejaneesh R, Associate Professor was posted as the External examiner for the external lab exam (2019 Scheme Supply) EEL333 Electrical Machines Lab II at GEC, Sreekrishnapuram on 20/06/2025.
- Faculties of EEE Department participated in one day FDP on "Foundation and Evaluation of Artificial Intelligence" by Harikrishnan P M, Research Scientist, Quantiphi Analytics, Bangalore at SIMAT, Vavunoor on 25/06/2025.
- Faculties of EEE Department participated in Interactive session on "Beyond Teaching: The art of Student Mentoring" by Ms. Asha T V, Student Counsellor on 26/06/2025.
- Faculties of EEE Department participated in Embracing online documentation in academics demonstration "From Files to Cloud" by Ms. Sreeshma K, HoD/ CSE on 23/06/2025.
- Ms. Archana P, Ms. Anjali Sasikumar and Ms. Niya Kochumon C attended 6 days FDP on "Emerging Trends in Renewable Energy Systems: A Matlab Based Simulation" organized by Dept. of EEE MES College of Engineering, Kuttipuram from 23/06/2025 to 28/06/2025.
- Faculties of EEE Department actively participated in Course completion ceremony 2025 on 30/06/2025.
- Mr. Sarath S attended a 5- day workshop on "Practical Finite Element Analysis with ANSYS-2025" organized by Department of mechanical engineering, NITC from 9th June to 13th June.



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