



NSS ORIENTATION CAMP



A two-day orientation camp for new NSS volunteers from semesters S3 and S4 was held on July 12 and 13, 2024. Approximately 79 students registered for the camp, which commenced with an inaugural function at 3:00 PM, officiated by SIMAT Principal Dr. S.P. Subramanian.

The outgoing Program Officer Mr. Jishnu B.H. and Assistant Program Officer Ms. Uma Maheswari were present. The first session, led by Mr. Syam Prasad G., Palakkad District Coordinator of NSS Tech Cell, elaborated on the philosophy and activities of NSS.

In the evening, Mr. Sreekrishnan S., a SIMAT alumnus, conducted the second session. Senior NSS volunteers played an active role in organizing the camp.

The second day began early with exercises and walking, followed by a flag salute and the NSS anthem under the leadership of the new Program Officer. Mr. Pradeep from the palliative care unit led the first session, and Dr. Divya from Ashtangam conducted the second session on health awareness. The camp concluded with a valedictory function inaugurated

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by Mr. Syam Prasad G., District Convener of NSS, after a collective cleanup of the campsite.

FACULTY DEVELOPMENT PROGRAM

The ISTE SIMAT Staff Chapter, in association with IQAC SIMAT, organized a three-day Faculty Development Program (FDP) on "Awareness of NAAC & NBA Requirements and Outcome-Based Education" on July 2, 3, and 5, 2024, at the SDPK lab, SIMAT.

The program targeted faculty members who joined the college after January 2024. Day 1 began with a welcome speech by Ms. Anjali Ananthan, Assistant Professor in the ECE Department and SIMAT ISTE Staff Chapter Coordinator. Dr. S.P. Subramanian, Principal of SIMAT, conducted a session on "Effective Teaching – Bloom's Taxonomy."

Prof. Sushma M., HoD of ECE, handled a session on academic requirements, covering various aspects of the KTU curriculum and NAAC accreditation.



Post-lunch, Ms. Sreeshma K., Associate Professor and HoD in-charge of CSE, introduced the Academic Management System (AMS), providing hands-on experience with Linways software.

Day 2 featured an interactive session with Dr. V.N. Krishnachandran, Professor Emeritus at SIMAT, followed by a session on Outcome-Based Education (OBE) concepts by Ms. Sreeshma K.

Day 3 continued with CO-PO mapping calculations and practical exercises, culminating in a valedictory session with certificate distribution and feedback collection.



SIMAT FAMILY GET-TOGETHER

On July 4, 2024, a get-together for SIMAT family members was organized at NASCO Hall, Perumbilavu, from 10:00 AM to 2:00 PM. The event saw participation from the management, principal, teaching, non-teaching, and office staff. Prof. Sushma M., HoD of ECE, welcomed the attendees, and Principal Dr. S.P.

Subramanian emphasized the importance of team building through such events. Management members were honored for their guidance, with special recognition given to Dr. Sagar M. Narayanan, HoD of Applied Science and Humanities, for boosting admissions, and Mr. Hari C., Workshop Superintendent, for campus main-

tenance.

The event featured entertainment programs led by Mr. Sreedath M.K. and Ms. Roshni T. Mohan, including games, singing, and dancing performances by staff members. The gathering concluded with a delicious lunch.



COURSE COMPLETION CEREMONY

The institute proudly celebrated the successful culmination of the academic journey for the 2020-24 batch during the Course Completion Ceremony held on August 10, 2024, in the seminar hall. The event commenced with an invocation by Mr. Sreedath M.K., followed by inspiring addresses from Dr. S.P. Subramanian, Principal, and Dr. K.B. Brahma-dathan, Director.

The ceremony honored the esteemed Chief Guest, Dr. Rajeev N., Principal of NSS College of Engineering, Palakkad, whose motivational speech encouraged graduates to embrace adaptability and lifelong learning.

The highlight of the event was the awarding of certificates to graduating students and the solemn graduate oath-taking ceremony.

Valedictorian Aiswarya R. from the Computer Science & Engineering batch captivated the audience with her heartfelt and inspiring



ng speech.

The event concluded with a vote of thanks by Mr. Rejaneesh R. and a celebratory lunch, marking a memorable milestone for the graduates.



ONAM CELEBRATION

The Onam celebration at Sreepathy Campus was held in a splendid and traditional manner on Friday, September 13th. The event brought together all students and staff members, fostering a sense of community and joy. The festivities commenced at 9:00 a.m. with

students creating a beautiful Onam Pookalam in the Portico. At 10:30 a.m., the ceremonial lighting of the Bhadradeepam was performed by Dr. S. P. Subramanian, Principal, along with student representatives Aswin A and Neehara V S.



A lively performance of Thiruvathirakali by final-year students set the stage for the day. Dressed in traditional attire, they performed gracefully to the rhythm of traditional music.

At 11:00 a.m., a series of fun games like musical chairs were conducted, encouraging participation from both staff and students.

At noon, teachers served a grand Onam Sadhya on banana leaves, with traditional dishes and festive spirit.



At 1:30 p.m., the Sreebadra Kalamasathi Melam ensemble performed a vibrant percussion

session that had the entire audience dancing. The performance energized the campus and became

the heart of the celebration. The event concluded around 4:00 p.m., leaving everyone with cherished memories of a vibrant Onam celebration.

FRESHER'S DAY

The Fresher's Day celebration was held on October 1st, 2024, at the Sreepathy Thiruvaram Auditorium. The event was inaugurated by Principal Dr. S.P. Subramanian, who encouraged new students to aspire and strive for excellence. The morning session included interactive games such as ramp walks, acting, dancing, and quizzes to help freshmen integrate with seniors. The cultural program featured a variety of student performances showcasing talents in dance and music. The celebrations concluded with a live performance by the CRP Band Group held on the college grounds from 2:00 pm to 4:15 pm.



MOU SIGNING CEREMONY

On November 21, 2024, Sreepathy Institute of Management and Technology (SIMAT) hosted a Memorandum of Understanding (MoU) signing ceremony with L&T EduTech. The event was compered by Mr. Anoop Aryan, Assistant Professor in the Computer Science and Engineering (CSE) department. It commenced with a prayer by Ms. Meenakshi, a first-year Artificial Intelligence student.

such partnerships in fostering innovation and preparing students for real-world challenges. Mr. Anand Santhosh, Manager-DMN at Larsen and Toubro Ltd., provided an overview of the MoU's objectives, focusing on online courses through "Educate India," an L&T EduTech initiative aimed at revolutionizing education in India. He detailed how these courses blend theoretical knowledge with practical applications, exposing studen-

ts to advanced technologies and industry best practices.

Mr. Janardanan M. K., Administration and Placement Officer at SIMAT, delivered the felicitation address, acknowledging the efforts of all stakeholders. The formal signing of the MoU marked the beginning of a partnership aimed at promoting educational advancement, research collaboration, and skill development.

Dr. Hema P. Menon, Professor and Dean of R&D-CSE, delivered the welcome address, highlighting the collaboration's potential to enhance academic excellence and bridge the academia-industry gap. Principal Dr. S. P. Subramanian emphasized the significance of s-



INDUCTION PROGRAM INAUGURATION

The event featured Smt. Beena R. Chandran, a respected teacher from CEUP School, Paruthur, Kerala, and Best Actress Award Winner of 2023, as the Guest of Honor. She formally inaugurated the program, inspiring students with her motivational speech. Sri.P. C. Thrivikraman (Director Finance, Sreepathy Trust) honored the chief guest with a m-

emento. The Presidential Address was delivered by Sri M. K. Parameswaran Namboothiripad, Chairman of Sreepathy Trust, who highlighted the importance of perseverance and ethical practices in education. Felicitations were offered by Sri M. V. Vasudevan (Secretary, Sreepathy Trust), Sri K. H. Parameswaran (Joint Secretary, Sreepathy Trust),

Mr. Janardanan M. K. (Administrative Officer), Sri Manikandan V. (PTA President), and Kum. Abhirami M. (Student Representative, S7 EEE). The presence of Sri E. M. Brahmadathan (Vice Chairman, Sreepathy Trust) added significance to the event. Dr. Sagar M. Narayanan, Professor and HOD of the Department of AS&H, delivered the vote of thanks.



Special Lectures During Induction Program:

- **4 September 2024:** SIMAT alumni Mr. Sreekrishnan, Mr. Sreerag, and Mr. Sreeraj conducted an "Ice Breaking" session, sharing insights on setting and achieving personal and professional goals.
- In the afternoon, Mr. O. A. Babu (Retd. Sub Inspector, Mobile Traffic Awareness Unit, Thrissur)

- led a session titled "Change Your Thoughts," addressing student concerns related to education, health, and personal development.
- **28 September 2024:** Mr. Syam Prasad G., NSS District Coordinator, Palakkad, interacted with students, highlighting the benefits of NSS participation, including leadership development and community service.

- **4 October 2024:** An Anti-Drug Awareness Program, "Say No to Drugs," was conducted by Mr. V. P. Mahesh (Preventive Officer & Vimukthi Coordinator, Thrithala Range), emphasizing the societal impact of drug abuse and encouraging students to make informed choices.

PTA GENERAL BODY

The annual PTA General Body Meeting was held in the College Auditorium, attended by approximately 250 parents and staff members. The program began with a prayer song by Mr. Sreedath M. K., Associate Professor in Mechanical Engineering and Secretary of Sreepathy PTA. Principal Dr. S. P. Subramanian welcomed the gathering, stressing the importance of active parental involvement for the timely completion of the B. Tech course and suitable placement of their wards.

Mr. Manikandan V., President of Sreepathy PTA, delivered the presidential address, encouraging parents to participate in future PTA meetings. The college honored Social Media Influencer Mr. Philip Mampad as the guest speaker, who shared insights on the impact of excessive mobile phone usage and drug abuse on student life. The program concluded with a vote of thanks by Dr. Sagar M. Narayana, Head of the Department of Applied Sciences and Humanities.



CHRISTMAS CELEBRATION

Held on December 20, the Christmas celebration included a hand-crafted Christmas crib by second-year students, a vibrant food fest with nine student-run stalls, and a soulful performance by the college band "Soul Beats." The festivities promoted creativity, collaboration, and cultural eng-



agement among students and staff. stories behind his songs, creating a heartfelt and memorable cultural experience

As part of the Christmas festivities, the staff united for a joyful cake-cutting event, celebrating togetherness, laughter, and holiday spirit.

Shebi Paadunnu – Musical Evening:

The day ended with a mesmerizing ghazal performance by Shebi Samandar titled "Shebi Paadunnu", leaving the audience emotionally moved. The artist shared



COOKING WITHOUT FIRE AND WIRE

Conducted on December 10, 2024, at the Sreepathy Auditorium by the SIMAT Staff Club, the event featured 16 teams showcasing fireless culinary creativity. Coordinated by Dr. Hema P Menon, Dr. Rahul T S, and Mr. Rejaneesh R, and judged by Dr. Anila MK and Dr. Udayakala P of Ashtamgam Ayurveda Chikitsalayam, the contest concluded with Team "Thennilavu 2.0" winning the first prize. Principal Dr. S.P. Subramanian felicitated the winners.



UNMANNED AERO SYSTEMS (UAS) OPPORTUNITIES

Held at IIT Palakkad on December 2, 2024, and jointly organized by AR&DB and IIT-Palakkad, the seminar included talks by DRDO, CSIR-NAL, IIT Bombay, and IIT Kanpur. SIMAT faculty—Dr. K.T. Madhavan, Dr. Hema P Menon, Dr. Ramkumar P N, Dr. Rahul T S, and Dr. Vinod C—actively engaged in technical discussions and explored research opportunities under AR&DB's grant schemes.



AI ESSENTIALS FOR EDUCATORS: INSIGHTS AND RESOURCES

On December 7, 2024, GVHSS Vattenad hosted a workshop under the Model School Project, featuring Dr. Vinod C, Professor and HoD of ECE at SIMAT, as the resource person. The session aimed to familiarize teachers with Artificial Intelligence tools and applications in education. The workshop was inaugurated by Headmaster Mr. Sivakumar PPR, and concluded with a Certificate of Appreciation presented to Dr. Vinod.



FLOWING FORWARD

The Civil Engineering Department organized a technical talk on December 14, 2024, with Ms. Saranya Viswanath, Hydraulic Engineer at Systra, Bangalore, as the speaker. She elaborated on water management, flood mitigation, climate change adaptation, and career prospects in water resources engineering.

BEYOND CAMPUS: SUCCESS STORIES AND STRATEGIES

The ECE Department Association, Inspire, in collaboration with the Sreepathy ISTE chapter, organized a live session featuring Ms. Anju Praveen, a Systems Engineer at Infosys and alumna of Sreepathy (ECE Batch 2018–2022). Organized by Assistant Professor Anjali Ananthan, the session focused on the importance of maintaining a balanced focus on academics, projects, and

personal skill development during college years. Ms. Praveen shared insights into her transition from campus life to the corporate world, emphasizing the value of communication, teamwork, and adaptability in the industry. The session concluded with a thank-you note from Prof. Sushma M., Head of the ECE Department.

HOW TO BECOME A PRACTICING CIVIL ENGINEER

The Civil Engineering Department conducted a technical talk led by Mr. Er. Nandhu T. S., Managing Director of Precise Builders and Developers, Trivandrum. Organized by Assistant Professor Nidhu S. S., the session covered

essential skills, certifications, and practical experiences required to transition from academic studies to professional civil engineering practice. Mr. Nandhu emphasized the importance of obtaining a professional license, understand-

ing plan drawing, permit processes, and the legal aspects of starting projects. The session concluded with a vote of thanks by Assistant Professor Sreekanth E. M.

OVERVIEW OF AI AND ML CONCEPTS

The Computer Science and Engineering Department hosted a webinar featuring Mrs. J. Ruby Elizabeth, Assistant Professor at Nehru Institute of Engineering and Technology, Coimbatore.

Organized by Assistant Professor Asmi P. The session introduced AI and ML fundamentals, highlighting their applications in healthcare, finance, and education. Mrs. Elizabeth discussed the distincti-

on between AI and ML, the role of neural networks, and the evolution of AI systems, including generative AI and humanoid robots like Sophia. The session concluded with a vote of thanks by final-year CSE student Sanjay S. Menon.

INDUSTRIAL VISITS

• **ECE Department:** Students and faculty visited Prominent A Perfect Solution in Kozhikode, an ISO 9001:2015 certified company specializing in UPS solutions and electronic power backup systems. The visit provided insights into industry standards, R&D processes, and product innovation in power management and security solutions.

• **Civil Engineering Department:** On 6 November 2024, students from semesters S3, S5, and S7 visited Peechi Dam and its Water Treatment Plant. Guided by the Assistant Engineer, the tour covered key areas including the spillway, gallery, and treatment units like the aeration tank, clariflocculator, rapid sand filter, and

chlorination tank. Students gained practical understanding of structural and operational aspects of the dam and its associated facilities.

APPRECIATION FOR S1 CLASS TOPPERS

A meeting was arranged to appreciate the S1 class toppers of various branches in the first series test held during October–November 2024. The meeting began with general academic-related instructions by Principal Dr. S. P. Subramanian, urging students to adopt a more targeted approach towards academics to improve university results. The overall topper, Mr. H-

ridhya T. B., was presented with a Sreepathy Memento. The event was coordinated by Dr. Sagar M. Narayana, Head of the Department of Applied Sciences and Humanities.



OPPORTUNITIES IN SEMICONDUCTOR INDUSTRIES

On October 21, 2024, SIMAT's Seminar Hall hosted an interactive session titled "Opportunities in Semiconductor Industries." Ms. Praveena K. S., Senior Validation Engineer at NXP Semiconductors, Netherlands, shared her journey from her B-Tech days to her current role. Organized by Ms. Praseena K., Assistant Professor

in the Electronics and Communication Engineering (ECE) department, along with the ECE Association - Inspire and SIMAT ISTE Chapter, the event attracted 55 students from S3, S5, and S7 ECE batches. Ms. Praveena provided insights into the semiconductor industry, discussing career paths, industry structure, and job search

resources. She emphasized the importance of skill development and adaptability in a rapidly evolving industry. The session concluded with a vote of thanks by Ms. Sushma M., Head of the ECE department.



ALUMNI WEBINAR: CAREER JOURNEY

On November 5, 2024, the Electrical and Electronics Engineering (EEE) department's association program, BLITZKRIEG, conducted a webinar titled "Career Journey" for S3 and S5 EEE students. The session was led by Ms. Haritha, an EEE alumna currently working as a Test Execution and Development Engineer at BOSCH, Australia. The webinar was held in the college's SDPK lab at 11:00 a.m.

Ms. Archana P., Assistant Professor in the EEE department, delivered the welcome address, introducing the Head of the EEE department, Mr. Rejaneesh R., the guest speaker, faculty members, and students. Ms. Haritha shared her career journey, offering practical advice on resume building, LinkedIn optimization, and professional networking. The session included a Q&A segment, allowing students to engage directly with the alumna.

A student from S3 EEE, Krishnanjali, expressed gratitude for the valuable insights shared during the webinar, highlighting the relevance of the advice on networking and building an online professional presence. The program concluded with a vote of thanks by Ms. Niya Kochumon C., Assistant Professor in the EEE department.

BADMINTON TOURNAMENT

The APJAKTU E-zone Badminton Competition for colleges, including Sreepathy, was held on the 9th and 10th of October 2024 at JCET Lakkidi. The following students represented our college: Vishnu Prasad V S (S7 CSE), Akshay Venu (S5 EEE), Abhishek K V (S3 ECE), Jithin A J (S3 CSE)

Athif C Noushad (S1 CSE), Soorya O T (S3 AIDS), Nimmi U (S5 ECE), Namitha M (S1 AIDS), Anusree V K (S1 CE), Amrutha (S1 CSE), Sreedurga C K (S5 ECE).

Men's Team: Won pre-quarterfinal against IES College of Engin-

neering, lost quarterfinal to GEC Thrissur (previous year champions).

Women's Team: Won pre-quarterfinal against GEC Palakkad, lost quarterfinal to IES College of Engineering.

FUELING INNOVATION – THE START-UP SPIRIT

On 14th October 2024, ECE Department Association and Sreepathy ISTE Chapter held a live session with Mr. Shyamkumar R (alumnus 2014-18, Regional Head at Maruti Suzuki). Ms. Sushma M (HOD ECE) welcomed attendees. Topics covered: cultivating a start-up spirit, aligning ideas with industry, lessons from academia to corporate, and automotive sector opportunities. The session had interactive discussions and ended with a token of appreciation.



COMPETITIVE EXAM AWARENESS & SIMPLE MATHS TRICKS

On 24th October 2024, the EEE Department and Blitzkrieg hosted a session led by Mr. Subash P (EEE alumnus and aptitude trainer). Mr. Rejaneesh R (HOD EEE)

welcomed the guest. The session covered exam preparation awareness, a math test, quick math tricks (multiplying by 9, squaring numbers ending in 5, percentages)

and included friendly competitions. It ended with a memento presentation. Student Sreehari K.V (S5 EEE) thanked the team; vote of thanks by Anjali Sasikumar AP (EEE).

WEB DEVELOPMENT MASTER CLASS

IEEE SB SIMAT, in collaboration with Code Intelligence, launched a Web Development Master Class on 6th September 2024. The sessions are led by Mr. Sidharth P., Treasurer of IEEE SB SIMAT. The first session had 23 attendees (17 IEEE members and

6 non-members). It covered fundamental web development skills and was praised for its hands-on learning approach.



APPRECIATION

On 24th October 2024 at 3:30 PM, a meeting in the Seminar Hall appreciated 2021-25 batch CSE students who conducted a hands-on workshop “Joy of Computing using Python” (NPTEL course). Organized by Coding Club, CSE Department, and IEDC.

Attendees included HoDs and coordinators. Certificates and gift books were given to 12 student leaders: Sanjay S Menon, Jishnu Vijayan, Sayand K K, M Jithinvas, Anirudh C, Sidharth P, Anand Venugopalan, Nikhil Raj, Salman Faris A V, Parth Krishnan B Menon, Vidhya K, Vishnu Narayanan. Workshop held on 24-25 October 2024. Ms. Sreeshma K (Assoc Prof & HoD i/c CSE) coordinated.

IV OF S3 AI & DS

From October 25th to 27th, 2024, 45 students of the third-semester Artificial Intelligence and Data Science (AI & DS) batch of Sreepathy Institute of Management and Technology undertook an industrial visit supervised by Ms. Aiswarya S M (Assistant Professor, AI & DS), Ms. Divya T (Assistant Professor, CSE), and Mr. Prabhu K (Associate Professor, AS&H). The group assembled at Shoranur Railway Station on the night of October 24th and boarded the West Coast Express.

After an overnight journey, they arrived at Mangalore Railway Station early on October 25th, then traveled by bus to Udupi.

Their primary industrial visit was to Rainbow Pipes, a leading PVC pipe manufacturer established in 1993 by Mr. Shabir Ahamed, an Electronics and Communication Engineer from Manipal Institute of Technology. The company produces PVC, CPVC, and UPVC pipes, along with water storage tanks under the brand Rainbow P-



olymers. Mr. Ajaz Ahamed, a Mechanical Engineer, manages the polymer division. The students learned about the manufacturing process, product range, and the company's adherence to BIS quality standards.

Following this, the group visited the famous Udupi Sri Krishna Temple and spent leisure time at St. Mary's Island and the beach. After dinner, they departed for Dandeli, arriving early on October 26th.

The second day featured various water sports, archery, swimming, and rain dance activities at the resort, ending with a campfire gathering. On October 27th, the students toured Mirjan Fort in Gokarna before returning home via train from Mangalore.



IV OF FINAL YEAR CIVIL, CSE, AND ECE STUDENTS

From October 2nd to 8th, 2024, 57 final-year students from the Civil, CSE, and ECE departments went on an industrial visit under the guidance of Ms. Archana P (Assistant Professor, EEE) and Mr. Anil Das (Electrician cum Plumber). They departed from Shoranur Railway Station on October 2nd, arriving at Mangalore on October 3rd, and then traveled to Chikmagalur. During their stay, students visited natural and cultural sites such as Siri Statue, Honnamala Falls, Seethalayangiri, Mullayanagiri, and Baba Budangiri. Next, the group proceeded to Dandeli, where they participated in water sports and other recreational activities similar to those in the earlier visit.

On October 5th, they traveled to Goa, visiting Baga Beach and engaging in shopping. The following day, October 6th, they toured Chapora Fort, Aguada Fort, Calangute Beach, and Anjuna Beach, concluding with a live DJ event.



On October 7th, the students visited the Saligao Solid Waste Treatment Plant, a state-of-the-art facility that processes 100 tonnes of waste daily using biomethanation and SCADA technology. The plant produces electricity, compost, and recycled water, demonstrating sustainable waste management practices.

The visit was organized by Prof. Vivek Belokar, Assistant Director of Technical Education. The group also toured Old Goa Church and Museum before returning to Mangalore on October 8th and reaching Shoranur the same day.

PROGRAM ON INTERPERSONAL RELATIONSHIPS

On October 17th, 2024, Sreepathy Institute hosted a special program aimed at raising awareness on interpersonal relationships. The event took place in the college auditorium and featured the distinguished Malayalam poet and author Sri Alamcode Leelekrishnan as the chief guest. The program was inaugurated by Prin-

cipal Dr. S.P. Subramanian, who emphasized the essential role of love and friendship in fostering societal harmony. Sri Leelekrishnan discussed the negative effects of modern technology and social media on personal communication and mental health. He illustrated his talk with the inspiring story of author Leo Paul and c-

oncluded with verses from Rabindranath Tagore's Geethanjali. Members of the Sreepathy Trust, Sri P.C. Thrivikraman and Sri E.M. Brahmadathan, honored the chief guest. The event ended with a vote of thanks by Sri Sankaranarayanan K.M., Associate Professor of Civil Engineering.



AWARENESS CLASS

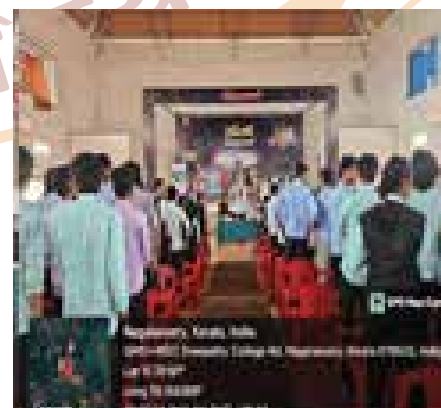
On October 25th, 2024, fifteen NSS volunteers from Sreepathy Institute participated in a blood donation camp organized by the NSS Unit of Ashtangam in collaboration with the Regional Blood Transfusion Center in Perinthalmanna. All volunteers were awarded certificates acknowledging their contribution.

National Unity Day was observed on October 30th, 2024, commemorating Sardar Vallabhbhai Patel's birth anniversary. The NSS Unit 233, along with the principal,

Dr. S.P. Subramanian, and staff members, took the unity pledge, highlighting the importance of national integration and unity.

On the same day, a World AIDS Day awareness program was held in partnership with the AIDS Control Society and the District Medical Office, Palakkad. The event featured a folk campaign including magic and ventriloquism performances by Mr. Saravan and Mr. Vighnesh. NSS volunteers from semesters 3, 5, and 7 participated actively.

The program was inaugurated by NSS Program Officer Mr. Jayan T.V. and attended by District Medical Officer Mr. Mahesh and Medical Officer Dr. Bijumon.



GREEN CAMPUS CERTIFICATION

Sreepathy College has been awarded the prestigious A+ Certificate for its outstanding commitment to environmental sustainability, officially recognized as a Green Campus by the Government's Green Kerala Mission. This remarkable achievement highlights the college's proactive measures in areas such as clean waste disposal, water conservation, energy conservation, and biodiversity preservation. The institution has consistently integrated eco-friendly practices into its campus operations and curriculum, fostering environmental responsibility among students and staff alike.



Furthermore, Sreepathy College has played a significant role in the community by organizing regular nature conservation camps in the surrounding areas, thereby promoting awareness and action

for environmental protection beyond its campus. This recognition stands as a testament to the college's dedication to nurturing a greener and more sustainable future.

DESIGN YOUR FUTURE

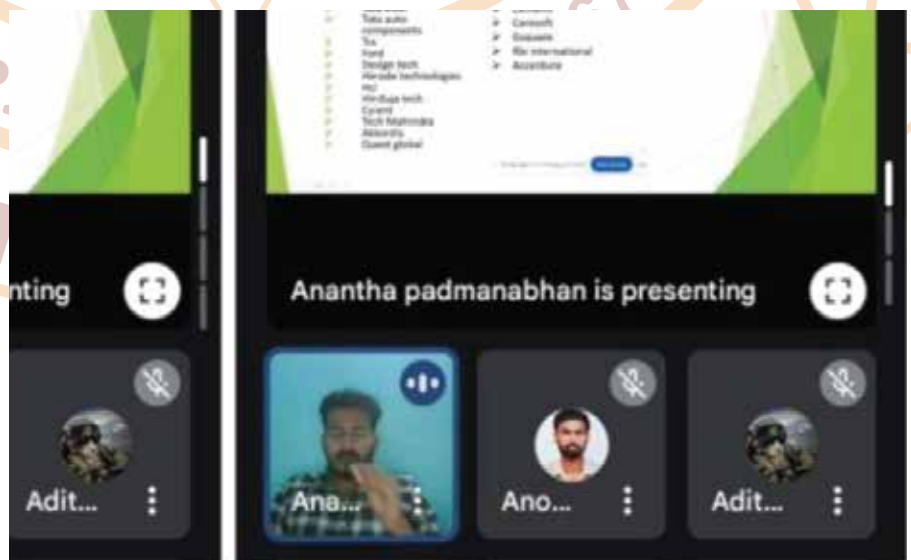
On 2nd October 2024, the Association of the Department of Mechanical Engineering Students (ARMS), in collaboration with IEDC-SIMAT, organized a webinar titled "Design Your Future", held via Google Meet from 7:00 p.m. to 8:00 p.m. The session was led by Mr. Ananthapadmanabhan, an alumnus of the 2014-2018 Mechanical Engineering batch and currently a Senior CAE Engineer at Mahindra & Mahindra, Chennai. The event witnessed participation from 18 students and 7 faculty members of the Mechanical Department. The program began with a formal welcome and an introduction of the speaker by Mr. Krishnan K N, Assistant Professor in ME.

Mr. Ananthapadmanabhan shared his experiences at SIMAT and delivered an insightful session co-

vering industry opportunities, higher education pathways, and emerging research areas for mechanical engineers. He elaborated on industry-relevant design and analysis software, hiring practices of OEMs and consultancy firms, and encouraged interaction by discussing future goals with students of S3 and S5 ME.

Feedback from participants indicated that the session was both helpful and motivating.

The event concluded at 8:30 p.m. with closing remarks and a note of thanks from Dr. Ramkumar P N, Head of the Department of Mechanical Engineering.



GENERAL BODY MEETING

On 30th August 2024, IEEE SB SIMAT held a General Body Meeting to plan upcoming events and celebrate its 10th anniversary. The focus was on organizing technical workshops, webinars, and expert talks to boost student skills. Key plans included an alumni meet with keynote speeches to reconnect past and current members and revive flagship programs addressing social issues using technology. These initiatives aim to strengthen student engagement and continue the branch's legacy of innovation and community impact.

TEACHERS' DAY CELEBRATION

Teachers' Day was celebrated with great enthusiasm on 5th September 2024. The program was organized by NSS Unit 233, and students honored their teachers by distributing sweets and gifts.



Nagalassery, Kerala, India
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at 10.761524°

YOUTH MEET

NSS volunteers participated in a Youth Meet held at Nagalassery on 30th September 2024. The event provided a platform for young individuals to discuss social causes, leadership, and community development.

NSS DAY CELEBRATION

On 24th September 2024, NSS Day was celebrated by volunteers through the distribution of sweets among students and faculty, spreading joy across the campus.

BLOOD DONATION CAMP

The NSS Unit at Sreepathy Institute of Management and Technology organized Sanjeevanam 4.0, a blood donation camp in association with IMA Blood Bank, Thirissur, on 4th September 2024. The event, held near the Civil Department from 10 a.m. to 4 p.m., successfully collected 50 units of blood.



INDUCTION PROGRAM

NSS Unit 233 conducted an induction program for first-year B.Tech students on 28th September 2024. The session was led by former program officer and Palakkad regional officer, Mr. Syam, who introduced the goals and activities of NSS.

SHELTER HOME VISIT

On NSS Day, 29th September 2024, NSS volunteers visited Pratheeksha Palliative Care. The visit aimed to offer emotional support and improve the quality of life for palliative care patients. Volunteers engaged in meaningful interactions and offered assistance.

NSS VOLUNTEER SECRETARY MEET

A two-day leadership training program for NSS volunteer secretaries was held on August 10 and 11, 2024. The meet focused on developing leadership skills and strengthening volunteer engagement within the institute's NSS unit. Workshops, discussions, and team-building activities helped participants enhance their coordination and management abilities, reinforcing the institute's commitment to nurturing responsible student leaders.

BUILDING FUTURE-READY ENGINEERS: ESSENTIAL SKILLS FOR ACADEMIC & PROFESSIONAL SUCCESS

A webinar titled "Building Future-Ready Engineers: Essential Skills for Academic and Professional Success" was conducted on 30th September 2024 at the SDPK Lab, organized by Ms. Praseena K, Assistant Professor, in association with the ECE Department Association – Inspire and SIMAT ISTE Chapter. The keynote speaker was Dr. Nitin Padmanabhan, a Senior Engineer/Scientist in the Transmission Operations and Planning Department at the Electric Power Research Institute (EPRI) Internationals, Canada. Delivered via Google Meet, the session emphasized the vital blend of soft skills,

critical thinking, continuous learning, and adaptability necessary for modern engineers. Dr. Nitin shared useful strategies for interview preparation and spoke about opportunities in Canada. The session left a strong impression on the students, with Abhirami Namboodiri and Gouri M N from S7 ECE sharing their positive feedback. The session concluded with a vote of thanks by Ms. Sushma M, HoD of ECE, who expressed gratitude for the valuable insights shared.



WORKSHOP ON WEB DESIGN USING ORACLE

The Department of Computer Science and Engineering, under the student association CLEMENTIA, conducted a two-day workshop on Web Design Using Oracle on 24th and 25th September 2024, exclusively for S5 CSE students. The program was led by guest instructor Mr. Lakshman, who guided students through both the theoretical and practical aspects of Oracle in web development. Day one focused on Oracle database architecture and its integration with web frameworks, while the second day provided a hands-on experience in designing dynamic and interactive web pages connected to Oracle databases.

ected for further training and internships. The selected students included Adithyan K. K., Gopika Rani P., Vaishak, Muhammad Anfas, Anjali P. V., Aravind N., Gokul Radhakrishnan, Maidily Haridas, Sooraj, Vaishnav T., Vaishnav S., Sree Vishnu P., Vivek, and Sayooj Manikandan. The concluding ceremony was attended by the Principal, Dr. S. P. Subramanian, HoD Sreeshma K., faculty coordinator Mr. Anoop Aryan, and Mr. Giridhar C., who initiated and organized the workshop. A gift was presented to Mr. Lakshman as a token of appreciation.



At the end of the session, outstanding performers were sele-

IV TO THE METAL INDUSTRIES LTD. SHORNUR

An industrial visit for Mechanical Engineering students was organized by the Department of ME on 6th September 2024 to The Metal Industries Ltd., Shoranur, and Universal Industries Ltd., Kulappully. A total of 46 students, accompanied by Mr. Krishnan K N and Mr. Anoop K C, embarked on the visit at 9:15 a.m. from the college campus. The Metal Industries Ltd., a Kerala State Public Sector Undertaking established in 1928, offered students a glimpse into the manufacturing of agricultural tools and implements. At Universal Industries, a micro-enterprise engaged in the production



of cutlery and related metal products, students explored hands-on manufacturing processes. The aim of the visit was to provide practical exposure, facilitate interaction with professionals, and offer insights into real industrial environments.

The faculty and students expressed their appreciation to the management and staff of both industries for their warm hospitality and valuable guidance.

EXPERT TALK

On 12/09/2024, the Electrical and Electronics Engineering Department in association with Blitzkrieg hosted an engaging EXPERT TALK titled "Finding Way to EV Industry," delivered by our esteemed alumna, Swetha Ravisankar (2014–18 batch). This event aimed to provide students with insights into the burgeoning electric vehicle (EV) sector and its various applications. Mr. Rejaneesh R, HOD, EEE Department, inaugurated the programme.

Swetha began with a brief history of the electric vehicle industry, tracing its evolution from early prototypes to the modern landscape dominated by major manufacturers. The talk emphasized the growing importance of sustainability and reducing carbon footprints, which have propelled the EV market. Innovations in battery technology, such as solid-state ba-

tties and fast charging solutions, were covered. Swetha discussed advancements in autonomous driving and their integration into EV systems. The speaker provided insights into future trends, such as the role of policy in promoting EV adoption and the potential impact of global initiatives aimed at reducing emissions. The importance of research and development in shaping the future of the industry was stressed. Following the presentation, a lively Q&A session allowed students to engage directly with the speaker. The talk was both informative and inspiring, providing students with a comprehensive overview of the electric vehicle industry and its applications. Special thanks to Swetha for sharing her expertise and experiences, as well as to the organizing committee for facilitating this insightful event.



AWARENESS PROGRAMME

A request was received from the GATE-JAM Office, IISc Bengaluru, to include Sreepathy Institute of Management and Technology in their efforts to create awareness about the GATE/JAM examination by sending their ambassadors. The college accepted the request, and Prof. Sushma M, HoD – ECE, was designated as the coordinator. A mutually agreeable date for the awareness program was selected as 30/09/2024.



ents and years at the computer centre from 3:30 p.m. to 4:30 p.m. Mr. Janardhanan M. K. welcomed the gathering and appreciated the efforts of the ambassadors.

The team made a 30-minute presentation highlighting:

- GATE is a prestigious entrance exam for BE/BTech/MSc students to gain eligibility for Masters and Ph.D. programs in India and abroad.

- GATE scores are used for PSU recruitment.

- JAM is a national exam for B.Sc. students for Masters admissions at IITs and IISc.

They also explained the format and process of the exam and answered student queries.

The ambassadors Mr. Love Kush Tak (Ph.D. – Engineering Design and Manufacturing) and Ms. Ayushi Tandon (M.Tech – CFTI Electrical Communication Engineering) visited the college and addressed a gathering of around 50 students from various departm-

AI THROUGH THE LENS: MY PATH FROM BREADBOARDS TO CAMERAS

On September 7, 2024, the ECE Department Association – Inspire, in collaboration with the Sreepathy ISTE Chapter, hosted an online session titled "AI through the Lens: My Path from Breadboards to Cameras."

Organized by Ms. Anjali Ananthan (Asst. Professor, ECE), the session featured Ms. Eaka Valsan, AI Engineer and Project Manager at Sony, Yokohama, Japan.

Ms. Eaka shared her journey from her B.Tech days to her current role in AI. She highlighted the importance of:

- Building professional networks
 - Staying current with emerging technologies
 - Strong communication skills
- Internships and continuous learning.

The 30 participants from ECE and CSE engaged actively. Sreedurga C.K, Arjun Raj, and Akash K.V from S5 ECE shared their feedback, appreciating the practical and inspiring advice.

Prof. Sushma M (HoD, ECE), Ms. Sreeja P (Associate Professor), and Ms. Divya Pillai (Research Scholar) delivered concluding remarks, expressing gratitude to

Ms. Eaka. The session was a great success, offering technical and career-oriented insights.



OPPORTUNITIES IN QUANTITY SURVEYING

The Department of Civil Engineering at Sreepathy Institute of Management and Technology organized a webinar titled "Opportunities in Quantity Surveying" on 23rd September 2024. Conducted via Google Meet from 8:00 p.m. to 9:00 p.m., it was attended by 29 students. The session aimed to provide insights

into career opportunities in quantity surveying, both in India and abroad. The session was led by Mr. Jubair K V, Senior Quantity Surveyor at CBG Qatar. Drawing from his extensive international experience, he elaborated on the rising demand for quantity surveyors, especially in the Middle East, and emphasized roles

like cost estimation, budgeting, and contract management. Mr. Jubair also stressed the importance of mastering software tools and developing communication and negotiation skills. The interactive session concluded with students actively asking questions about skills and opportunities in the field.

CREATING CIRCUIT WITH TINKERCAD

On 12th September 2024, the ECE Department Association - Inspire, in collaboration with the Sreepathy ISTE Chapter, organized a hands-on session titled "Creating Circuit with Tinkercad". The event, coordinated by Ms. Sreeja P. and Ms. Anjali Ananthan, featured Mr. Jinesh K.J

Assistant Professor at Jyothi College of Engineering. The session introduced 24 S5 ECE students to Tinkercad's tools and functionalities, covering components like resistors, capacitors, LEDs, and Arduino boards. Mr. Jinesh demonstrated simple circuit creation, discussed key ele-

ctrical concepts, and guided students through simulations. Students appreciated the session's practical approach and expressed interest in a follow-up session focusing on advanced projects. The event concluded with a token of appreciation presented to Mr. Jinesh K.J.

POWER UP YOUR CAREER

The Mechanical Engineering Department Association (ARMS) and IEDC-SIMAT organized a webinar titled "Power Up Your Career: Essential Strategies for Higher Studies" on 21st September 2024, from 7:00 p.m. to 8:00 p.m. via Google Meet. The session was handled by SIMAT alumnus Mr. Sarath Babu, a research scholar at IISC, Thiruvananthapuram. Attended by 15 students and 5 faculty members, the webinar covered GATE exam insights, M.Tech experiences, scholarship opportunities, and career prospects post-PhD. Mr. Sarath also answered queries from S5ME students. The session concluded at 8:15 p.m. with a vote of thanks by Mr. Anoop K.C.

BRIDGING SKILLS AND OPPORTUNITIES

The Department of Artificial Intelligence and Data Science conducted a webinar on 8th September 2024 targeting S3 students interested in placements. The session was inaugurated by Ms. Sindhu S., HOD of the department.

Ms. Liya Antony, the resource person, explained various roles such as data scientist, data analyst, software developer, and more. She elaborated on required technical skills (Python, Java, R, Tableau), domain knowledge (Cloud Computing, NLP, etc.), and soft skills. Students actively interacted, showing interest in multiple career paths. The session concluded at 8:30 p.m. with a vote of thanks from Ms. Sindhu.

Assistant Professor at Jyothi College of Engineering. The session introduced 24 S5 ECE students to Tinkercad's tools and functionalities, covering components like resistors, capacitors, LEDs, and Arduino boards. Mr. Jinesh demonstrated simple circuit creation, discussed key ele-



CLEMENTIA – STUDENT ASSOCIATION EVENT

On August 27, 2024, the Computer Science & Engineering Department's student association, Clementia, organized an engaging event featuring a competitive debate and cultural performances. The program began with a warm welcome address, followed by an inspiring speech from the Principal emphasizing the significance of extracurricular activities in holistic student development. Guided by faculty coordinators, the event fostered leadership, creativity, and active participation, providing students a platform to showcase talents and enhance interpersonal skills.



FELICITATION CEREMONY

The NSS Unit No. 233 of SIMAT, Vavanoor proudly felicitated the student volunteers (Mr. Krishnaprasad PV S5 ECE & Ms. Maithili A S5 CSE) who participated in the National Integration Summit of NSS held in Karnataka. The summit, which brought together volunteers from across the nation, served as a platform to promote unity, cultural understanding, and collective social responsibility. The participants from SIMAT showcased exemplary enthusiasm, discipline, and leadership, making significant contributions to the objectives of the event. In recognition of their efforts, a felicitation ceremony was conducted at the college, where the Principal, NSS Programme Officers, faculty members, and fellow volunteers honoured the students with mementos and certificates of appreciation. The ceremony underscored the importance of na-

tional integration and encouraged all students to actively engage in such initiatives that build character, strengthen social bonds, and

cultivate a spirit of service and unity.



KSEB POWER QUIZ 2024

The Electrical & Electronics Engineering Department, in collaboration with the KSEB Officers Association, hosted the “KSEB POWER QUIZ-2024” on August 31, 2024. Twenty-seven students from various disciplines participated in this quiz aimed at raising awareness of the power sector. Mr. Gautham Krishna MJ and Mr. Ajith A R emerged as winners and earned the opportunity to compete at the district level, highlighting the department’s commitment to fostering technical knowledge.



INDEPENDENCE DAY

SIMAT commemorated India’s Independence Day on August 15, 2024, with a flag hoisting ceremony led by Mr. Rajaneesh. The event included motivational speeches by NSS Program Officer Mr. Jayan and an ex-military personnel, a patriotic quiz competition, and a community cleanup drive by volunteers. The celebration fostered patriotism, environmental awareness, and civic responsibility among students.

EXPERT TALK

Also on August 31, 2024, the Civil Engineering Department organized a technical talk by Mr. Nithin M T, Structural Engineer at Invent Infrastructure. The interactive session covered project planning, resource management, and structural safety, providing students with practical industry insights. The talk was well received and enriched students’ understanding of real-world construction challenges.



PROJECT PRESENTATION

On August 9, 2024, two teams from Sreepathy Institute presented their research projects at Aster Medcity, Kochi, guided by Dr. Hema P. Menon (Head, Computer Science Department):

- Jishnu Vijayan, M. Jithin Vas, Sayand K.K. demonstrated their EMG-based hand motion prediction project to Dr. K.M. Mathew, Dr. Dhinla S, and mentor Dr. Davidson Devasia. The meeting included live demonstrations, feedback on system accuracy, and discussions on portability for prosthetic applications. A certificate acknowledging project completion was signed.

- Abhay P, Muhammed Rashid, Sanjay S. Menon, Vishnu Narayanan presented their EEG signal classification project for seizure prediction to the same panel. The session involved a detailed demo, constructive feedback, and exploration of clinical applications.

Dr. Davidson Devasia provided insights for future improvements. The team received a certificate marking the successful first phase completion.

Both teams expressed gratitude to Dr. K.M. Mathew, Dr. Dhinla S, Dr. Davidson Devasia, Dr. Hema P. Menon, Yadu P. Dev, Sreeshma K. Unnikrishnan, and Dr. P. Subramanian for their support and guidance.



PALLIATIVE CARE CONCLAVE

Adarsh and Akshaya from SIMAT participated in a two-day state-level palliative care camp held at Tirur. The event commenced with an engaging ice-breaking session led by Praveen M.G., introducing the fundamentals of palliative care. Subsequently, Kareem Vazhakadu conducted an awareness session focusing on the significance and various levels of effective listening. The third session, presented by Bini M.N., emphasized the importance of home care and explored diverse methods for providing such care.

Following these sessions, a district-level presentation on palliative care was conducted, during which Akshaya M. from SIMAT delivered an impressive presentation detailing their collaborative work with the palliative care unit in Kootanad. The inauguration ceremony was graced by Tirur MLA Sri Kurukkoli Moideen, followed by a public meeting and cultural activities.

The second day featured a yoga session, refreshments, and breakfast, leading into a session by

Pradeep Kootanad, who advocated for viewing palliative care as a right rather than charity. Nassar C.P. then led a thought-provoking session titled "Let's Talk About Death," and Dr. Athul discussed recent innovations in palliative care. The event concluded with a closing speech by P. Abul Fasal, followed by a group photo, certificate distribution, and feedback collection.

INGENUITY - PROJECT EXPO

On April 29, 2024, SIMAT's Innovation and Entrepreneurship Development Centre (IEDC), in collaboration with SIMAT-IIC and TBI-SIMAT, organized a project expo named "INGENUITY." The event was open to engineering and polytechnic colleges across the state, featuring participation from seven external teams and five internal teams.

The exhibition ran from 9:30 AM to 12:30 PM, after which a panel comprising SIMAT department heads evaluated the projects. The prize distribution ceremony took place at 2:00 PM, with teams from KMCT Institute of Management and Technology, Kuttippuram, receiving accolades for their innovative projects.



ESSENTIALS OF BIM

Also on April 29, 2024, SIMAT's IEDC, in association with the Department of Civil Engineering, conducted an online hands-on workshop titled "Essentials of BIM." The workshop, held from 10:00 AM to 12:30 PM, was open to engineering and polytechnic colleges statewide.

Mr. Ram from InterCAD Systems Pvt Ltd and Mr. Sankaranarayanan K.M., Associate Professor at SIMAT, facilitated the sessions, providing participants with practical insights into Building Information Modelling.

FAREWELL

On July 24, 2024, NSS volunteers organized a farewell event for Mr. Syam Prasad, the outgoing Program Officer of SIMAT NSS Unit 233. The event, supervised by Mr. Jayan (NSS Program Officer), Mr. Jishnu (Ex-PO), and Ms. Uma Maheshwari (Ex-APO), featured emotional moments and expressions of gratitude. Mr. Syam Prasad thanked the volunteers and emphasized the importance of selfless service, expressing appreciation for the college administration's support. He was honored with a memento by the volunteers.



STAFF FAREWELL

The SIMAT Staff Club organized a farewell for Mr. Sukesh, Associate Professor in the ECE Department, and Mr. Syam Kumar, Assistant Professor in the ME Department.

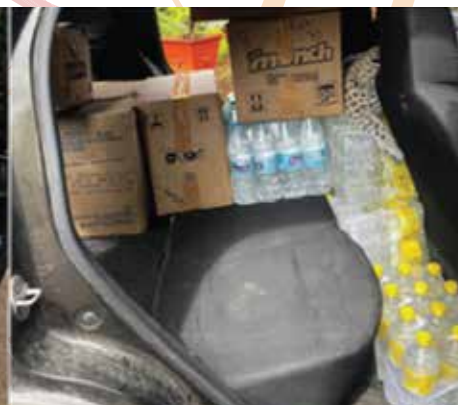
Both faculty members were acknowledged for their contributions to the institution, and best wishes were extended for their future endeavours.



WAYANAD RELIEF CAMP

In response to the devastating landslide in Wayanad, SIMAT volunteers mobilized to collect and organize relief materials, including food, water, and clothing.

The collected items were meticulously arranged and dispatched to aid those affected by the disaster, showcasing the volunteers' commitment to community service.





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