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SREEPATHY

INSTITUTE OF MANAGEMENT AND TECHNOLOGY

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EMPOWERING INNOVATION THROUGH INCLUSION

The STRIDE Ambassador Orientation Program took place on March 7, 2025, at the Kerala Startup Mission (KSUM) event hall, Kalamassery. STRIDE (Social Technology and Research for Inclusive Design Excellence) is an initiative under K-DISC (Kerala Development and Innovation Strategic Council), Government of Kerala. This visionary effort focuses on fostering inclusive design through research and technology, ensuring accessibility and innovation for all. Mr. Sreekanth E M, AP, CE participated in the event representing SIMAT.

Inaugural Session: Dr. P. V. Unnikrishnan, Member Secretary, K-DISC, inaugurated the event. In his speech, he emphasized the importance of STRIDE and the need for human-centric innovation over purely technology-driven approaches.



Session 2: Mr. Robin Tomy, Executive Director, Social Enterprises & Inclusion Division, K-DISC, introduced STRIDE and its significance in innovation for inclusivity. He also announced the upcoming STRIDE Designathon (March - July 2025), encouraging student participation. As part of this initiative, each college will establish a STRIDE Innovation



Centre to drive innovation in this space.

Session 3: Dr. Vinu Thomas, Dean of Academics, KTU, expressed his wholehearted support for this noble initiative and ensured that establishing a STRIDE Innovation Centre will be made mandatory



for all colleges under KTU.

Session 4: Dr. Mini Ulanat, IEEE WIE Committee Member, elaborated on the activities of IEEE related to inclusive technology and innovation.

Session 5: Mr. Tom Thomas, COO, Kerala Startup Mission (KSUM), guaranteed full support from KSUM in promoting and facilitating STRIDE initiatives.

Session 6: Mr. P. R. Mahadevan, Secretary, Adarsh Charitable Trust, highlighted

the challenges faced by differently-abled individuals. Drawing from his experiences as a member of a school for differently-abled students, he provided valuable insights into the real-world difficulties they encounter.

Session 7: Ms. Reshmi Ravindran, CEO, Inclusys Neuro Org, emphasized the importance of problem identification and defining problem statements. She also explained the procedure for preparing a Sensing Canvas, a crucial tool for structured problem-solving.

Session 8: Teachers from Bud School, along with student Minu Mani Lal, shared their personal experiences and challenges, providing firsthand insight into the difficulties faced by differently-abled students.

Session 9: Ms. Rosmy Davis, K-DISC, provided an overview of the upcoming STRIDE Designathon, detailing the event structure and its significance in fostering innovation over the next few months.

The event concluded with a visit to the KSUM FAB LAB, where participants explored the cutting-edge facilities available to support innovation and prototyping. The STRIDE Ambassador Program successfully laid the foundation for an inclusive and innovation-driven future, bringing together academia, industry, and social enterprises to support and implement STRIDE initiatives across Kerala.



CLASS B ELECTRICAL CERTIFICATION: LAB SESSION

In response to a request from Friends Academy, Cherpulassery, the Department of Electrical and Electronics Engineering at Sreepathy Institute of Management & Technology offered five-day lab sessions for candidates pursuing a Class B Electrical certificate in electrical machines lab on February 7, 20 and March 15, 19, and 20, 2024. Mr. Suhas K N, Lab Instructor, EEE Department, and Mr. Rejaneesh R, HOD in charge, led the five-day workshops. The sessions were attended by forty members. We split the participants into ten groups and conducted five experiments on the first day of the session, which started at 9:00 a.m. The first day of classes ended at six o'clock in the evening. The same process was taken on days two, three, and four.



On the final day, we take a practice test that follows the format of the real exam. After lunch, Mr. Rajneesh R. answered questions, gave an overview of the main idea behind each experiment, and encouraged everyone to prepare for their impending test. After that, Mr. Suhas K N discussed the different kinds of machine starters and how to measure earth resistance with an earth tester. At 6 p.m., the session came to an end.



Feedback from participants indicated that the five days of workshops were highly instructive and engaging. The atmosphere, classes, and every minute at college made the participants extremely pleased.



IGNITING MINDS BEYOND BOOKS

The Department of Computer Science and Engineering successfully conducted an interactive session “Beyond Books: Igniting Minds” on March 18, 2025. The event aimed to inspire students to expand their horizons beyond the classroom, encouraging them to engage in technical activities, build their own projects, enhance their skills, explore emerging technologies, and pursue relevant courses for personal and professional growth.



The session mainly focused on:

Shared experiences of participating and winning Hackathons.

Shared experience of attending internships.

Explained how to take part in similar events organized by other colleges and companies.

Encouraged students to participate, highlighting the importance of these events for their careers.

66 students attended and actively participated.

Discussed key programming languages to focus on for building projects or solving problems during an interactive session.

Effectiveness and Feedback

The session effectively engaged students by focusing on real-world problem-solving, critical thinking, and skills beyond the syllabus.

It addressed current trends, such as emerging technologies, innovative mindsets, and internships, making the content highly relevant to today's competitive landscape.

Students felt that the session reshaped their approach to learning, emphasizing practical skills alongside academic knowledge.

The interactive format encouraged collaboration, critical thinking, and idea-sharing among students.

The session inspired students to look beyond academics, explore internships, and seek opportunities for personal and professional growth.

Students valued the focus on bridging academic knowledge with real-world applications, including the importance of internships in gaining practical experience.

The session was praised for introducing essential skills like creativity, adaptability, problem-solving, and the role of internships in developing these skills.

Attendees felt more confident in applying their knowledge to real-world challenges and understood how internships can help them gain hands-on experience.

The Beyond Books: Igniting Minds inspired students to go beyond the syllabus, highlighting the importance of critical thinking, problem-solving, and internships. It motivated them to develop practical skills and apply their knowledge to real-world challenges, shaping their future careers.



BUILDING IDEAS

A workshop titled “3D printer” was successfully conducted on 4th march 2025 at cad lab SIMAT from 1.00PM to 4.00PM. The session was handled by an expert in the field of 3D printing Mr. Jiju C. This hands-on session introduced participants to the fundamentals of 3D printing technology, covering design, slicing, and fabrication. Students explored various materials, printer types, and real-world applications of additive manufacturing. Through interactive demonstrations, they gained practical experience in operating 3D printers and troubleshooting common issues. By the end of the workshop, attendees were equipped with essential skills to bring their innovative ideas to life using 3D printing.

The program started with a formal welcome speech and an introduction about the resource person by Mr. Sreedath M K, HOD i/c, ME Department. The Resource person structured his session starting from his personal introduction and his experiences in 3D printing, elaborating on the importance of additive manufacturing and its applications and importance in the current world environment.

The 3D Printer Workshop provided our students with a comprehensive understanding of additive manufacturing. It covered the basics of 3D printing technology, including different types of printers, materials, and software used for designing and slicing models. Participants learned to create 3D models using



CAD software and convert them into printable formats. Hands-on sessions allowed students to operate 3D printers, calibrate settings, and troubleshoot errors. The workshop also explored real-world applications in industries like automotive, aerospace, and healthcare.

By attending this workshop, students gained practical skills in digital fabrication, enhancing their prototyping abilities for engineering projects. They learned about cost-effective manufacturing techniques and rapid product development. The knowledge of 3D printing opens opportunities for innovation, research, and entrepreneurship. Ultimately, students left with a strong foundation to integrate 3D printing into

their academic and professional endeavors. Mr jiju thoughtfully addressed queries from different students, providing clear explanations and enhancing understanding of 3D printing.

The workshop was attended by 37 students from different departments with faculty members making it an inclusive and enriching experience. Among the dignitaries present were Mr. Sreedath M K, Mr Anoop K C, Mr Jyothis Manu, Mr Vinaykrishnan, Dr Sagar M Narayanan and Ms Aarathy P S.



The event concluded with a Vote of Thanks delivered by Mr. Anoop k c, Assistant Prof ME dept, who expressed gratitude to the speaker, coordinators, and participants for their contributions to the success of the session. Special thanks were also extended to the principal, IEDC coordinators Mr sreekanth E M, Ms Praseena K, the heads of various departments, and staff members for their invaluable support in making this event successful.

POWERING TOMORROW

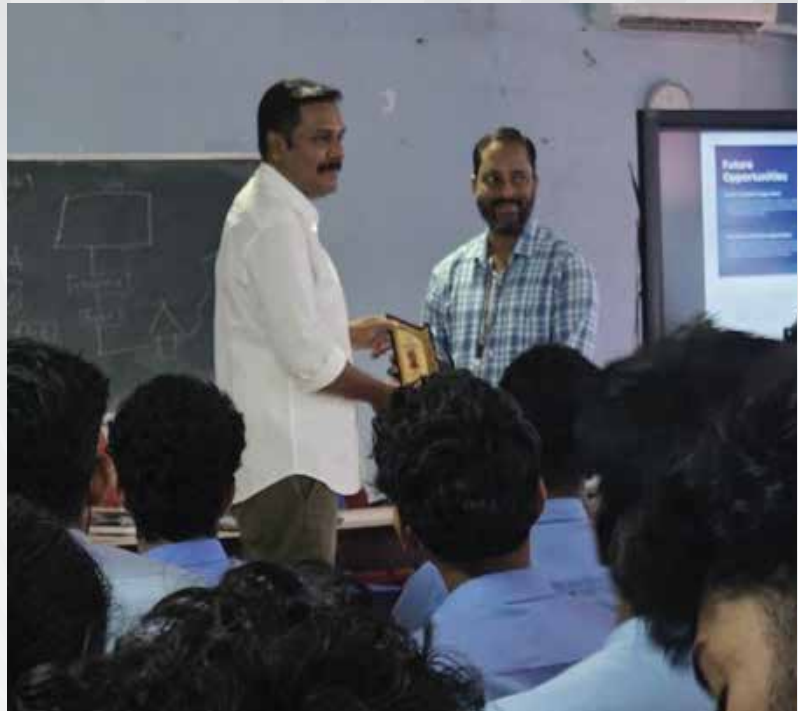
On March14, 2024, the department of Electrical and Electronics Engineering (EEE) in association with Blitzkrieg hosted an informative session aimed at enhancing student awareness about SCOPE OF RENEWABLE ENERGY. The program was conducted by Mr.Dijeesh K, who is working as an sub engineer KSEB, Peringode division.

The session commenced with a prayer by Ms. Anamika K A followed by a warm welcome by the Ms. Niya Kochumon C, Assistant Professor EEE department, who expressed gratitude to the host for taking the time to share his insights with current students.



With an encouraging tone, she invited the guest to take the stage, setting the stage for an engaging and informative experience that would inspire students to enhance their skills and prepare effectively for their future challenges.

The scope of renewable energy sources is vast, encompassing various technologies and applications, with the potential to address climate change, enhance energy security, and drive economic growth, particularly in developing nations. The host concentrated on scope of solar energy as renewable energy source. He mentioned the classification of solar energy systems. Solar systems can be broadly classified into grid-tied (on-grid), off-grid, and hybrid systems based on their connection to the electrical grid and how they utilize energy storage. He also discussed different types of solar panels used in industry, such as monocrystalline, polycrystalline, and thin-film.



The session concluded at 12:30 p. m., marking a successful and engaging event for all participants. As a gesture of appreciation, the HOD presented a memento to the guest, recognizing his contributions and insights shared during the program. This moment underscored the department's commitment to fostering strong connections between current students and alumni.

Following the presentation, Krishnaanjali K, student of S4 EEE shared positive feedback, expressing gratitude for the practical tips and engaging activities that made the session enjoyable and informative. The student emphasized how the tricks learned would help in their exam preparation and boost their confidence.

To wrap up the event, Archana P AP, EEE delivered a heartfelt vote of thanks, acknowledging the hard work of the organizing team and the invaluable experience provided by the guest. The faculty member encouraged students to apply the techniques learned and to continue collaborating with each other, reinforcing the spirit of learning and support within the EEE community.

STARTUP CELL IDEA PITCHING COMPETITION

As part of the Idea Pitching Competition 2025 announced by APJ Abdul Kalam Technological University (APJKTU) Startup Cell, a college-level competition was successfully conducted at SIMAT on 20th March 2025. The event provided a platform for young innovators to present their entrepreneurial ideas, fostering creativity and problem-solving skills. A total of 10 teams (33 students) from first- and second-year UG students participated in the competition. The participants displayed exceptional enthusiasm, presenting innovative ideas with potential real-world applications.



After thorough evaluation, the top two teams were selected to advance to the zonal level:

1. Namitha M, Arshida Asharaf, and Shamna Sherin (S2 AI&DS)
2. Vysakh P M, Ranjith V P, Arun Dev K, and Athulkrishna P A (S4 ECE)

The competition successfully encouraged young minds to engage in innovation and entrepreneurship, marking a significant step towards fostering a startup culture among students.

“LET’S FLY BEYOND THE CURRICULUM”: A NEW PERSPECTIVE ON STUDENT GROWTH



The AD association Neurax SIMAT, successfully conducted an interactive session “Let’s fly beyond the curriculum” on 17th March 2025 at seminar hall. The aim of the event to promote the student to think and work beyond the curriculum and participate technical events, develop their own simple project, develop technical skills, study new technologies and needed courses etc.

The event is hosted by Jishnu Vijayan, Salman Faris. A.V, Sayand.K.K,

Anand Venugopalan, Vidya K, Anirudh C (S8 CSE) students. They shared their experience on participating and winning their Hackathons. And also they discussed how to participate and what are the steps needed to be taken for such kinds of technical events conducted by other colleges as well as



companies. And also they motivated our students to participate in such events, and discussed the importance of these technical events in their career. A total of 33 students attended the event and have shown active participation. There was an interactive session in which they discussed what are the programming languages they need to focus on developing a small project or solving a problem.

S4 AIDS students got a clear idea about the technical programs like Hackathon conducted by other organizations and how to participate in it.

They got an idea about the programming languages they need to focus on developing a small project or solving a problem.

The session creates an interest in students to participate in such events and develop their technical skills.

At the end of the program some students identified an upcoming Hackathon and they are trying to participate in that.

The event “Let’s fly beyond the curriculum” was successful, the students gave positive feedback and they were expecting such productive sessions. So the association looks forward to conducting more exciting events.

NOOR E MEHNDI: MEHNDI CONTEST

The Mehndi contest, Noor e Mehendi, was successfully conducted by Women Cell, SIMAT on 28 march 2025. The event aimed to celebrate artistic expression and cultural heritage through mehndi design. The program commenced at 1.30 pm by welcoming participants and setting the stage for an exciting competition. 30 teams participated and they showcased their creativity and artistic skills through intricate mehndi designs. The contest was judged by Miss Sham-seena PT from Dept of AS&H and Miss Asmi P from Dept of CSE who evaluated the designs based on creativity, precision and overall pres-





entation. Alfiya from S4 cse and Shamna Sherin from S2 AD shared the first prize, while Fathima Safa from S4 CE and Sona from S2 CSE shared the second prize. The event concluded with the prize distribution by Miss Sushma. The attendees actively participated, displaying impressive talent and enthusiasm. The event created an engaging and lively atmosphere, encouraging creativity and cultural harmony among students. The event wound up at 4 p m.

STARTING SMART: NEURAX INDUCTION PROGRAMME



The AD association NeuraX conducted an induction program exclusively for S2 and S4 students of the Artificial Intelligence and Data Science department on 12th March 2025, Wednesday from 2:30 pm to 4:00 pm. The event aimed to familiarize new students with the department's culture, activities and expectations.

Key Speakers:

1. Aravind A K : The secretary of NeuraX delivered an insightful talk, sharing his experience and high-

lighting the importance of active participation in department activities and events.

2. *SOORYA O T*: Being the program lead , she delivered valuable guidance on the importance of programs and programming skills , emphasizing the need for continuous learning and practice.

Event Highlights:

The program started with a warm welcome speech delivered by Akshaya R , member of program team.

The program team arranged funny games which helped to create an relaxed atmosphere for students.

The seminar hall arrangements for the program were initiated and managed by the Discipline team of NeuraX.

The respected Head Of Department, Sreeja P. along with other staff coordinators addressed the event to highlight the importance of active participation in department events.

Chaithra R, the vice secretary of NeuraX delivered a heart-felt vote of thanks , expressing gratitude to the speakers, program team, discipline team and faculty members for their contribution to the event's success.

The induction program was a memorable experience for S2 and S4 students of the AD department. The event successfully achieved its objective of introducing new students into the department association while also providing valuable insights from esteemed speakers.



CSEB - ASST. SECRETARY EXAM - 2025 HOSTED



Cooperative Service Examination Board (CSEB) Assistant Secretary Examination was conducted in Sreepathy Institute of Management and Technology (Venue Nos: 170 and 426) on 09-03-2025.

In prior, the mock test was conducted on 08-03-2025. Dr. S P Subramanian, Principal and Prof. Sushma M, Director IQAC, acted as Chief Superintendents for the venues and Mr. Siju C C as Centre Coordinator. Mr. Gireesh V T and Ms. Rajitha M R as Network Specialists and Mr. Anil Das V K served as Electrician.

Mr. Rejaneesh R, Assoc. Prof. EEE, Mr. Hitches. P, Assoc. Prof. AS&H, Ms. Khadeeja Thasneem, Ms. Aarathy P S, (Lab Instructors CSE Dept.) and Ms. Divyalakshmi P, Lab Instructor ECE served as the invigilators. Ms. Sunitha T, Office Assistant, served at the registration desk. Ms. Vineetha Das M, and Ms. Divya, Technical Assistants, CDIT served as Software Support Engineer.

A total of 114 candidates attended the test out of 190 registered. The successful conduct of the CSEB Asst. The Secretary Exam reflected the meticulous planning and execution of the entire team. The collaborative efforts ensured a fair and smooth examination process.

"CYBER SAFE : THE FIRST STEP"

The online session titled "Cyber Safe: The First Step" was conducted on March 30, 2025, from 7:00 PM to 8:00 PM, via Google Meet. The event was organized by Neurax, the AI & Data Science Department Association of Sreepathy Institute of Management and Technology, Vavanoor. This session aimed to raise awareness regarding cybersecurity and promote safe online practices.

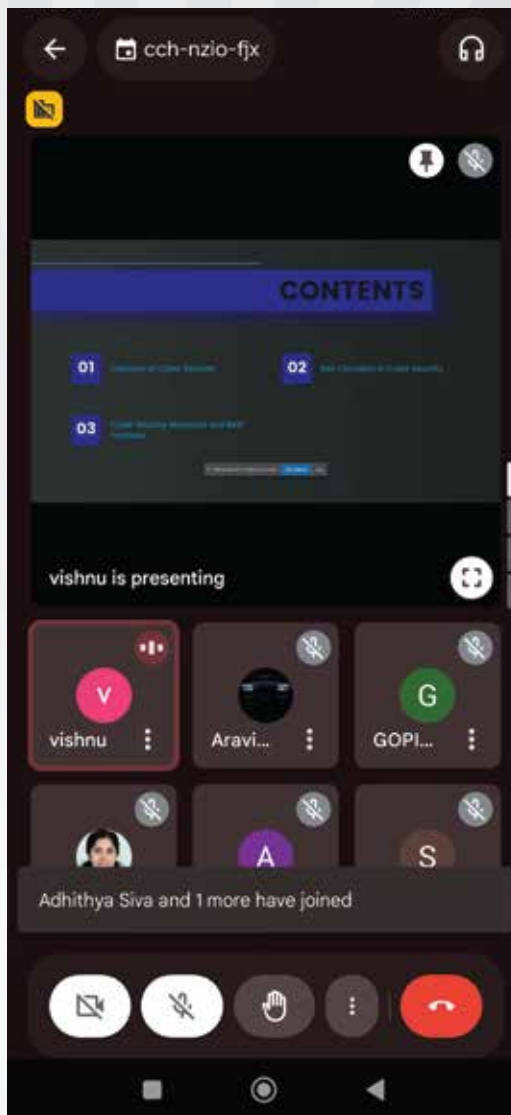
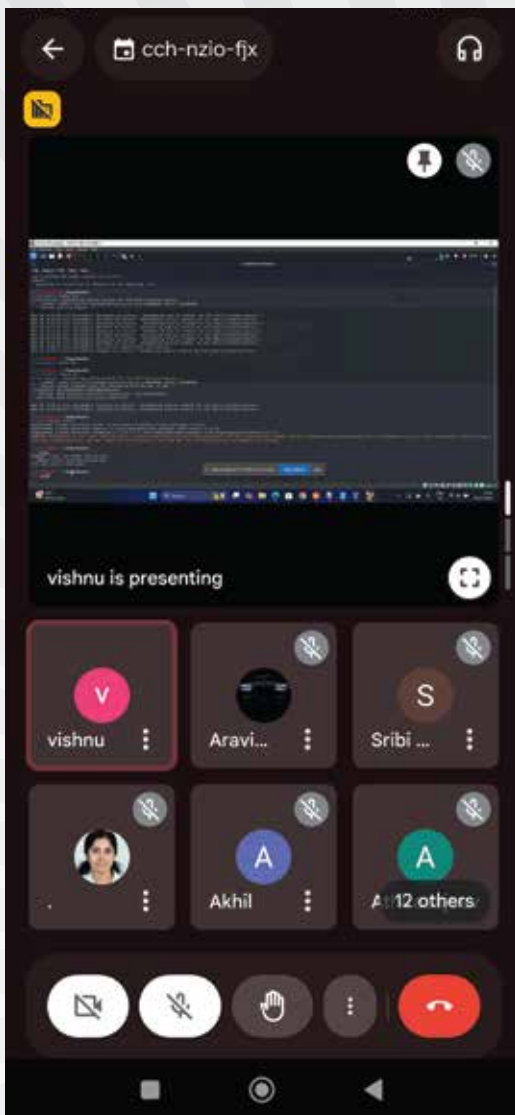
The primary goal of the event was to provide the participants with essential insights into cyber sec-

The poster is for an event titled "CYBERSAFE: THE FIRST STEP" presented by the AD Association. It features the Neurax logo at the top. The event details are: DATE : 30/03/2025, TIME : 7PM TO 8PM, and MODE : ONLINE (G-MEET). A QR code is provided for joining, with the text "Scan to Join" below it. A circular portrait of Vishnu Prasad K, a SOC Analyst at CDC, Trivandrum, is shown. The bottom of the poster includes the Sreepathy Institute of Management and Technology logo and contact information: 790 283 5555, 790 282 5555, and 790 281 5555.

urity, highlighting the importance of safeguarding personal and organizational data in today's digital world. It also aims to raise awareness about common cyber threats and vulnerabilities, to equip participants with the first steps toward protecting themselves online and to discuss the role of cybersecurity professionals and tools in securing digital spaces.

The session was led by Vishnuprasad K, a SOC Analyst at CDC, Trivandrum. Vishnuprasad is an experienced cybersecurity professional with extensive knowledge in monitoring, analyzing, and mitigating cybersecurity threats. With a wealth of practical experience, he offered valuable insights into the growing challenges in the cybersecurity field.

Session highlights were Introduction to Cybersecurity, Types of cyber threats and safe online prac-



tices.

One of the most valuable parts of the session was the demonstration conducted by Vishnuprasad. He did the live demonstrations of common cyber threats and how they can be mitigate.

This segment provided a hands-on approach to understanding cybersecurity practices.

Towards the end of the session, Vishnuprasad answered questions from the participants, helping to clarify

fy doubts and providing further guidance on specific cybersecurity issues. The Q&A session was engaging and allowed participants to discuss real-world challenges they face with cybersecurity.

The session, "Cyber Safe: The First Step," was successful in fulfilling its objectives of educating participants on the importance of cybersecurity and providing them with practical steps to protect themselves online. The inclusion of live demonstrations added tremendous value to the session, as it allowed participants to apply the concepts in a real-world context.

The expertise of Vishnuprasad K made the session both informative and engaging. The event also underscored the increasing significance of cybersecurity in today's digital era.

VIRTUAL GOALS: E-FOOTBALL COMPETITION

The department of AI and DS conducted an online game named Virtual goals. The Neurax E- Football gaming competition was a thrilling event that brought together 4 teams ,each consisting of 2 players each .The competition was held on 7th of February 2025 during the open hour from 3:20 to 4:00pm.The players showcased their intense skills and showed enthusiasm throughout the competition.The competition was held in 3 round . 1st round consisted of all the 4 groups , the 2nd round with 2 groups and a final round held to decide the winner.

Winners of Neurax E-Football gaming competition are:

1st place: Gopikrishnan., **2nd place:** Devanand P and **3rd place:** Adithya Siva K S.

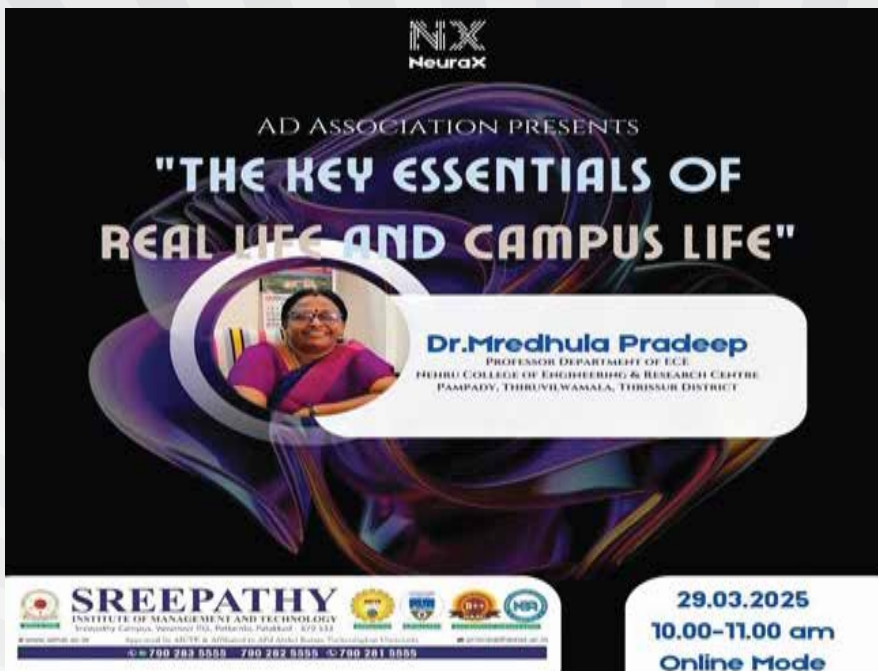
The E-Football Competition was a resounding success and the association look forward to conduct more exciting events.



“THE KEY ESSENTIALS OF REAL LIFE AND CAMPUS LIFE”

The AD association Neurax SIMAT, successfully conducted a wonderful session “The key essentials of real life and campus life” on 29th March 2025 in online mode. The aim of the event to understand the value of each and every moment in real life as well as campus life, effective utilization of time, how to balance the real life and campus life, how can we improve our personality, how can be a good human being, how can we develop our social network, what are the key factors we need to know for achieving success in our life etc.

The event is hosted by Dr.Mredhula Pradeep, Professor department of ECE, Nehru college of engineering and research center, Pampady. She started the session by relating the day today's life activities and college experience of our student to make sure the interaction of students.



So the students were very interactive throughout the session. The session clearly tells the real life and campus life experiences, how can be productive in campus, how can be spend our curricular or extracurricular activities , how can be manage our time correctly, how can be make social network with other professionals, the importance of giving personal time with parents, and the importance of making us happier etc. The session was very interactive and interesting. A total of 30 students attended the event and have shown active

participation. It motivates the students effectively. And more importantly some of the students were asked can we make this session once again in offline mode.

Result

Students got a clean idea of balancing of real life and collage life .

They purely got a effective motivation class.

The session gave them the importance of making healthy communication or contact with professionals.

Session gave a neat idea about time management in life, and effective utilization of time in college to make them successful in their life.

Students understand the need to spend quality time with their parents.

The event "The key essentials of real life and campus life" was successful, the students gave positive feedback and they expected such sessions on offline mode too. So the association looks forward to conducting more exciting events.



VISIONS OF SCIENCE: CREATIVE SPARKS ON NATIONAL SCIENCE DAY



The Applied Science and Humanities Department, in association with the Science Club of SREEPATHY, successfully conducted a Poster Competition on the occasion of National Science Day 2025. The event aimed to inspire creativity and raise awareness about Nature Conservation, emphasizing the importance of protecting our environment.

The competition was held on February 21, 2025 (Friday), and commenced at 1:30 PM, witnessing the participation of four enthusiastic teams. The

participants presented thought-provoking posters that convey powerful messages on environmental preservation. The competition concluded by 3:50 PM after an engaging session of creativity and innovation.

The winners of the competition are as follows:

First Prize: Goutham Krishna MJ & Vyshakh PM (S4 ECE)

Second Prize: Parameswaran O S & Sreehari R Nair (S2 A2 CSE)

Third Prize: Pavithra Unni K & Saramgi S (S2 A2 CSE)

Consolation Prize: Mohammed Rabeeh Puthiya Madathingal & Ridhwan Mohammed Saleem (S2 A2 CSE)



Congratulations to all the winners and a heartfelt appreciation to the faculty members and staff who played a crucial role in organizing and judging the competition.

The competition successfully fostered environmental consciousness among students and provided them with a platform to express their views through creative visuals. The event was well received and appreciated by both participants and faculty members, making it a memorable and impactful.

"ROLE OF SOFTWARE IN CIVIL ENGINEERING PROJECTS"

An expert talk on "Role of Software in Civil Engineering Projects" was organized by the Department of Civil Engineering on March 14th, 2025, at 10:00 AM in Seminar Hall. The session led by Mr. Sudeep P M aimed to enlighten students about the significance of software applications in modern civil engineering practices.

The primary objective of this expert session was to highlight how various civil engineering software tools enhance efficiency, accuracy, and productivity in fieldwork. The talk focused on the latest advancements in engineering software and their practical applications in construction, structural analysis, surveying, and project management.

The expert provided insights into various software used in the industry, including: AutoCAD – Used for drafting and design, STAAD.Pro – Essential for structural analysis and design, ETABS – Widely used for multi-story building analysis, Revit – Helps in Building Information Modeling (BIM), Primavera & MS Project – Useful for project scheduling and management, SAP2000 – Advanced structural analysis softw-



are and Microstation

The expert presented case studies demonstrating how software applications have streamlined complex engineering projects, reduced costs, and improved accuracy. Examples included large-scale bridge construction, high-rise buildings, and smart city developments. The expert talk provided valuable knowledge on how software applications are transforming the civil engineering field. The session emphasized that mastering these tools is essential for engineers to stay competitive in the industry. The talk concluded with a note on the future of civil engineering software, encouraging students and professionals to adopt digital solutions for enhanced efficiency and precision in their projects.

The session concluded with an interactive Q&A segment, where students had the opportunity to clarify their doubts and gain further clarity on their career aspirations and with a vote of thanks by Mrs. Roshini T Mohan (AP, CE).

FROM PROJECTS TO PAPER: MASTERING PRESENTATION AND RESEARCH WRITING

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Department of Computer Science & Engineering

From Project to Paper: Mastering Presentation and Research Writing

Join Our Session

What You'll Learn:

- How to make project presentations in an effective way
- How to convert your project work into a research paper
- How to publish research paper in journals/conferences

04/03/2025
02:00pm

Venue: MS23

Dr. Rama P. Menon
Speaker

Mr. Sanjay S. Menon
Speaker

SREEPATHY
INSTITUTE OF MANAGEMENT AND TECHNOLOGY
University Campus, Vengal Rao Road, Palamuru, Andhra Pradesh - 515 101

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Session 1: Preparing Effective Project Presentations

Dr. Hema P. Menon, Dean of Research SIMAT, adeptly handled the first session, focusing on the art of preparing engaging project presentations. Key takeaways from her session include:

- Crafting a clear, concise, and compelling narrative
- Visualizing data effectively through charts, graphs, and images
- Designing slides that balance content and aesthetics
- Rehearsing presentations to ensure confidence and clarity

Dr. Menon's expertise and insightful examples facilitated a comprehensive understanding of the subject matter.

Session 2: Crafting High-Quality Research Papers

Mr. Sanjay S. Menon delivered the second session, concentrating on the intricacies of preparing well-structured research papers. His session covered:

- Identifying and refining research topics
- Conducting thorough literature reviews
- Organizing and outlining paper content
- Ensuring adherence to formatting and citation guidelines

Mr. Sanjay's detailed explanations and practical tips were invaluable to the attendees.

The seminar concluded with a Q&A session, allowing participants to seek clarification on specific aspects of project presentation and research paper preparation. The event was a resounding success, with attendees expressing appreciation for the informative sessions.

The session winds up at 3.30pm.

LATEX SOFTWARE WORKSHOP

The Department of Computer Science and Engineering at Sreepathy Institute of Management and Technology (SIMAT) conducted an insightful LaTeX software workshop under the banner of Clementia, the students' association of the CSE department. The session was held on March 14, 2025, from 2:30 to 3:30 p.m. and was attended by all S6 CSE students and Clementia Coordinator Mr. Anoop Aryan.

The workshop was led by Jithin Vas (S8, CSE), who provided a comprehensive introduction to LaTeX, its significance, and practical applications in academic writing, report preparation, and research documentation. His session covered essential topics, including document structuring, formatting techniques, and best practices for creating well-organized documents using LaTeX.



The event saw enthusiastic participation from the students, who actively engaged in hands-on exercises and discussions. The interactive nature of the session allowed attendees to gain practical experience and a deeper understanding of the software.

As with all Clementia events, this workshop was a testament to the organizational and leadership

capabilities of the students, fostering a culture of peer learning and knowledge sharing.

The successful completion of the workshop reinforced the importance of technical skill development and collaboration among students in the department.

The session concluded on a high note, with appreciation extended to Jithin Vas for his informative presentation and to all participants for



their active involvement. The event served as a valuable learning experience, equipping students with a crucial skill set beneficial for their academic and professional pursuits.

"TEXPERTISE UNLOCKING THE POWER OF LATEX"

The ECE Department Association - Inspire, in collaboration with the Sreepathy ISTE Chapter, successfully conducted a live workshop session titled "TeXpertise: Unlocking the Power of LaTeX" on March 3rd, 2025, from 3:00 PM to 4:00 PM at the ECE Software Lab.

The session commenced with a welcome speech by Ms. Anjali Ananthan, Assistant Professor, ECE Department, who emphasized the significance of LaTeX in academic and professional documentation. The workshop was exclusively designed for S6 ECE students and was conducted by Mr. Saday Sarma and Ms. Neehara V. S. (S8 ECE). The resource persons provided a hands-on session on LaTeX Overleaf, enabling students to understand the basics of LaTeX and its various documentation possibilities. The interactive session guided students through report preparation techniques using LaTeX, ensuring they gained practical exposure to document structuring and formatting.



The event concluded with a vote of thanks by Mr. Arjun Raj (S6 ECE), expressing gratitude to the resource persons and organizers. As a token of appreciation, Ms. Praseena K and Ms. Anjali Ananthan (Assistant Professors, ECE Department) handed over token of honour to Mr. Saday Sarma and Ms. Neehara V. S. The workshop proved to be an informative and engaging experience, equipping students with essential skills in LaTeX for academic documentation.



“RESUME BUILDING AND LINKEDIN OPTIMISATION”

An awareness session on “Resume building and LinkedIn optimization” was held on 05-03-2025 from 9:00 am to 4:00 pm. The program was handled by Asha Chandra Academy, Bangalore and the Placement cell of SIMAT.

The recipients of the program were the all S6 students of SIMAT. The welcome address was carried out by Sri. Janardan.M.K. A&PO. He narrated the importance of

Resume making and importance of the LinkedIn profile platform in placement opportunities today.

The two faculty members of Asha Chandra Academy explained and trained the students about the resume building and LinkedIn profile optimization. It included: -

Resume Building: - Difference between CV and Resume, how to build ATS friendly resume etc.,

LinkedIn Optimization: - How to create a LinkedIn profile, how to maintain LinkedIn profile by jobseekers, also explained about LinkedIn profile highlights and connections etc.,

The students attended the session actively. The feedback analysis of the students indicated good utilization of the event. The documents of the training relating to effectiveness analysis, attendance etc. are attached along with the report.



“STUDY ABROAD AFTER B.TECH”

As many students are opting for Study abroad after B.Tech nowadays , a career guidance session for all branches of final year students was held on 20-03-2025. The training was handled by Global Academy, Perinthalmanna with proven track record in the field.

The participants of the program were the B. Tech. final year students of SIMAT. The sessions were designed to introduce Study abroad after B.Tech and they explained about different countries for such study, subjects of specialization, Universities, VISA formalities , Expenses and fee structure, methods for raising finance , working while studying chances .etc. The presentation was appreciated by the participants.



DREAMVESTOR 2.0

The Dreamvestor 2.0 program, organized by ASAP Kerala, is an initiative to foster entrepreneurship and innovation among young minds. 31 students from Sreepathy College had participated in the event.

The students had attended a workshop conducted by ASAP, which provided them with valuable insights and guidance on the program. The students attended workshop at Jawahar College of Engineering, GEC Thrissur and MES College of Engineering on 28/01/2025 and 31/01/2025 as per their convenience.

There are 4 levels in the event

- 1. Team Registration:** There should be 3 to 5 members per team.
- 2. Idea submission:** 4 teams got selected from second round.
- 3. Online presentation:** One team progressed to the final level.
- 4. Offline presentation:** Fourth round was held at Jawaharlal College of Engineering, Lakkidi

on 15/03/2025. The team demonstrated exceptional entrepreneurial skills and innovative thinking, showcasing their potential to succeed in the program. Despite their efforts, they were unable to meet the requirements and expectations of the judges.



The list of students who participated in the event are following:

Team	Student Name	Department			
1	Nandana	S6 CSE	5	Arjun Raj A.	S6 ECE
	Nayana M.P.			Anamika K.	
	Joel T Saju			Muhammed Sahal N.	
2	Karthika T.P.	S6 CE	6	Navya A.P.	S6 ECE
	Nandhana T.A.			Shaimath V.	
	Vismaya C.P.			Reem M.	
	Shinfa C.			Athira M.V.	
3	Anshida	S6 ECE	7	Vaishnav T.P.	S6 ECE
	Athulya			Nimmi U.	
	Bhavya			Surya K.S.	
	Krishna Prasad			Lakshmi Nanda S.	
4	Sreedurga	S6 ECE	8	Sreekanth K.	S6 ECE
	Anju			Aswin	
	Vaishnav M.			Abijith	
	Sneha			Akash	
				Adithya	

Out of this 8 team, team 2,4,6 and 8 got selected from second round. From third round team 8 got selected to the final round. Team members are Aswin, Abijith, Akash and Adithya of S6 ECE.

The Dreamvestor 2.0 program provided a valuable learning experience for the students from our college. Although we did not achieve the desired outcome, the program helped our students develop their entrepreneurial skills, think creatively, and work collaboratively as a team.

STUDENTS' ACHIEVEMENTS

16 Students completed one career pathway on python programming in L&T EduTech courses.

Shadiya Sherin completed one career pathway on deep learning in L&T EduTech courses.

Aravind A K participated in a webinar BRIDGING THE GAP-ENTERING TECH INDUSTRY & AI REVOLUTION on 20/03/25.

Chaithra R participated in a webinar BRIDGING THE GAP-ENTERING TECH INDUSTRY & AI REVOLUTION on 20/03/25.

Gopikrishnan K V participated in a webinar BRIDGING THE GAP-ENTERING TECH INDUSTRY & AI REVOLUTION on 20/03/25.

Gopikrishnan K V participated in AI&LLM WORKSHOP on 15/03/25.

Akshaya R participated in AI&LLM WORKSHOP on 15/03/25.

S4 AI & DS students attended the webinar on Explore boundless opportunities with the Japanese Languages and open Horizon on 27th March 2025.

Akshaya R., Sreevals R., Abhinav A.V, Karthik Sreenivasan P of S4 AI&DS got selected for the CEPHEUS HACKATHON which is going to be held on April 10th and 11th '25 at Atria Institute of Technology, Bangalore.

Soorya O.T., Navaneed P., Sooraj P.N., Sreelakshmi T.S. of S4 AI&DS got selected for the CEPHEUS HACKATHON which is going to be held on April 10th and 11th '25 at Atria Institute of Technology

Shehruz Muhammed C.S., Akhil P., Adhithya Chandran, Muhammed Shibil K.P. of S4 AI&DS got selected for the CEPHEUS HACKATHON which is going to be held on April 10th and 11th '25 at Atria Institute of Technology, Bangalore.

Akshay K P of S2 AD have completed his Python Programming and web development course from L & T Edu Tech.

Daniel P Manoj of S2 CSE have completed Java & Spring Boot Essentials: Hands - On Projects with Git from L & T Edu Tech.

Prarthana Prakash of S2 AD have completed Java & Spring Boot Essentials: Hands - On Projects with Git from L & T Edu Tech.

Abhinav K V of S2 AD have completed ios Application Developer and Testing Engineer from L & T Edu Tech.

Akshay E T V of S2 AD have completed Python Game Developer, AI powered Data Engineering, Business Analytics foundation, Canvas, iOS Game Developer, Unity android Gaming, Build 3D games and Mini Projects and C# game developer from L & T Edu Tech.

Devanjana A P of S2 AD have completed Java & Spring Boot Essentials: Hands - On Projects with Git from L & T Edu Tech.

Aswin K S of S2 AD have completed Swift UI and ios app development from L & T Edu Tech.

Navaneeth Krishna of S2 AD have completed Python programming and web development from L & T Edu Tech.

Athulya A of S2 CSE have completed Java & Spring Boot Essentials: Hands - On Projects with Git from L & T Edu Tech.

Abhinav B S, Shihab P A, Muhamed Ali M T, Anand P, Karthika of S6 CE and Safahna, Arya P, Sreerag, Abdul Haq, Shijitha, Anusree, Naseef, Fathima Safa, Arya, and Sona of S4 CE completed course pathway in L&T Eduserve.

Jithin Vas, an S8 CSE student, handled an insightful LaTeX workshop for S6 CSE students on March 17th, 2025.

Sanjay S Menon, S8 CSE Student, as the speaker, guided the session "From Project to Paper: Mastering Presentation and Research Writing" conducted by the Department of CSE on 04/03/25.

Jishnu Vijayan and Salman Faris, S8 CSE students, were the main speakers of the session "Let's Fly Beyond the Curriculum," conducted by the Department of Artificial Intelligence and Data Science. Sayand K K, Vidhya K, Anand Venugopalan, and Anirudh C, S8 CSE students, supported them in handling the session.

Jishnu Vijayan and Salman Faris, S8 CSE students, were the main speakers of the session "Beyond Books Igniting Minds" conducted by the Department of Computer Science and Engineering.

Sayand K K, Vidhya K, Anand Venugopalan, and Anirudh C, S8 CSE students, supported them in handling the session.

All the students of S6 ECE attended placement training programme on 4th, 5th & 10th March 2025 on "Resume Building and Linked In Profile Optimisation".

All the students of S6 ECE attended a workshop for S6 students titled "TeXpertise: Unlocking the Power of LaTeX" organized by the ECE Department Association - Inspire, in collaboration with the Sreepathy ISTE Chapter on March 3rd 2025.

Saday Sarma and Neehara V.S of S8 ECE handled a workshop for S6 students titled "TeXpertise: Unlocking the Power of LaTeX" organized by the ECE Department Association - Inspire, in collaboration with the Sreepathy ISTE Chapter on March 3rd 2025.

Team of Aswin, Abijith, Adithya & Akash of S6 ECE got selected to 3rd Round of Dreamvestor 2.0 conducted by ASAP, which is an offline presentation of their idea at Jawaharlal College of Engineering and Technology on 15th March 2025.

Aswin P. V of S6 ECE Completed his Career Path way on Python Developer. He had already completed his Career pathway on VLSI and was an Embedded System Design Engineer. Totally he completed 2 career pathways in this semester till date.

Abijith S of S6 ECE Completed his Career Path way on Python Developer. He had already completed his Career pathway on VLSI and Embedded System Design Engineer. Totally he completed 2 career pathways in this semester till date.

Arjun Raj A of S6 ECE Completed his Career Path way on Python Developer.

Adithya K of S6 ECE Completed her Career Path way on Python Developer. She had already completed her Career pathway on VLSI and Embedded System Design Engineer. Totally she completed 2 career pathways in this semester till date.

Muhammed Sahal N of S6 ECE completed his Course Pathway on Firmware Engineering.

Athira M V of S6 ECE Completed her Career Path way on Embedded Chip Design Engineer by completing all the course pathways under it.

Vaishnav M of S6 ECE Completed his Career Path way on Python Developer.

Anshida of S6 ECE Completed her career pathway on 1) VLSI and Embedded system design engineer 2) IoT Embedded Systems Engineer 3) Python Developer. She is the first student to complete 3 career pathways in this semester till date from ECE.

Anamika K of S6 ECE Completed her two Career Pathways 1) Python programming and Web development 2) VLSI and Embedded System Design Engineer Totally she completed 2 career pathways in this semester till date.

Reem M of S6 ECE completed career pathway on Python Developer and Course pathway on Cyber Physical System Engineering.

Shaimath V of S6 ECE completed career pathway on Python Developer and Course pathway on Cyber Physical System Engineering.

Navya AP of S6 ECE completed career pathway on Python Developer and Course pathway on Firmware Engineering.

Surya K. S of S6 ECE completed Course pathway on Applied Machine Learning Specialization & Language Model Architecture: A Deep Dive.

Lakshmi Nanda S of S6 ECE completed career pathway on Python Developer.

Akshaya O.P of S4 ECE completed the L&T course path way on Firmware Engineering.

ArunDev K of S4 ECE completed the L&T course path way on Firmware Engineering.

Amritha Nandakumar of S4 ECE has successfully completed the course Green Skills Passport offered by EY and Microsoft on March 22, 2025.

Vyshakh P M of S4 ECE has successfully completed the course Green Skills Passport offered by EY and Microsoft on March 22, 2025.

Vyshakh P M, Ranjith V.P, AthulKrishna A & ArunDev K of S4 ECE secured Second prize in APJ KTU Startup Cell Idea Pitching Competition.

Amritha Nandakumar of S4 ECE has successfully completed the Cybersecurity (English Assessment) by Learntube Career Ninja.

Almost all the students of ECE Department earned badges in L&T courses.

S6 EEE student's attendant placement training on 4/3/2025, 5/3/2025 and 10/3/2025.

Nandakishor K V S6 EEE selected as Execom 25 plearn SPT- Campus Co- Lead.

Nandakishor K V S6 EEE attended perpte 2025- annual meet of plearn foundation at kazhakootam, Thiruvananthapuram on 29th march.

NSS volunteers actively participated in the farewell party to the final years held on 26th March, 2025.

Students of EEE completed Career Pathway.

Aflah N S6 EEE- VLSI Engineering.

Krishnanjali S4EEE-Window Server administrator/IT Support Specialist.

Aflah N S6 EEE- Cyber Physical System Engineering.

Aflah N S6 EEE- VLSI Design Engineering.

Abin K U S6 EEE- Advanced power system analysis and transmission line studies.

Anamika A H S6 EEE- Comprehensive Electrical System Design for High- Rise Buildings.

Sreehari R S6 EEE- Advanced power system analysis and transmission line studies.
Sreehari R S6 EEE- Power transmission and protection studies.
Sreehari R S6 EEE- Power system protection and relay coordination.
Nihal C S6 EEE- VLSI Design Engineering.
Fathima Hiba P S4EEE- Real world machine learning.
Midhila S4 EEE- Practical guide to generate AI systems.
Midhila S4 EEE- Real world machine learning.
Harsha S4 EEE – Cyber physical system engineering.
Fathima Nasrin S4 EEE- Real world machine learning.
Adarsh S, Mohammed Shamil, Adithyan of S4 ME and Abhishek PM of S6 ME completed course pathway in L&T Eduserve.

STAFFS' ACHIEVEMENTS

Ms. Sreeja P, HOD i/c, Department of AD, took initiative to conduct department association program: CYBERSAFE-THE FIRST STEP by Vishnu Prasad, SOC Analyst, CDC Trivandrum on 30/03/25 in google meet platform.

Sribi M. P, AP, Dept. of AD, took initiative to conduct department association program: THE KEY ESSENTIALS OF REAL LIFE AND CAMPUS LIFE by Dr. Mredula Pradeep, Professor, Dept. of ECE, Nehru College of Engineering on 29/03/25 in google meet platform.

Sribi M.P, AP, Dept. of AD, took initiative to conduct a department association program: LET'S FLY BEYOND THE CURRICULUM by CSE final year students on 17/03/25.

Faculties of this department actively participated in paper evaluation at MES college of Engineering, Kuttippuram.

Faculties of this department actively participated in the conduct of TECH FEST and CULTURAL EVENTS.

Dr. Rahul T S, Coordinator and Ms. Anumol Sukumaran, Co- Coordinator submitted FDP Proposal on the topic "Sustainable Solutions for Disaster Risk Management and Mitigation: Leveraging IoT, Robotics, AI and Electronics" under ATAL FDP.

Ms. Durgalakshmi K M, Assistant Professor, CE attended a 6 days online ATAL FDP on "Sustainability Innovation Trends In Civil Engineering organized by Lords Institute of Engineering and Technology under AICTE which commenced from 10/03/2025 to 15/03/2025.

Dr. Hema P. Menon participated at the National Level Art and Craft Contest held by Indian Art Contest, registered enterprise by MSME, and received certificate of appreciation on 9th march 2025.

Dr. Hema P. Menon participated in Khula Aasmaan quarterly art competition for the period 01 jan 25 to 31 march 25.

Dr. Hema P. Menon, as the speaker, guided the session "From Project to Paper: Mastering Presentation and Research Writing" conducted by the Department of CSE on 04/03/25.

Ms.Sreebala P & Ms. Praseena K registered for PhD programme under Karpagam University by 12/03/2025.

Ms. Anjali Ananthan appeared for 3rd Doctoral committee meeting as a part of her PhD programme in KTU on 13/03/2025 and successfully completed the comprehensive viva phase by scoring a net score of 82%.

Ms.Anjali Ananthan (Assistant Professor, ECE Department) coordinated a workshop for S6 students titled "TeXpertise: Unlocking the Power of LaTeX" organized by the ECE Department Association - Inspire, in collaboration with the Sreepathy ISTE Chapter on March 3rd 2025.

Dr.Vinod C (HOD ECE Department) , Ms.Sreebala P (Associate Professor,ECE) ,Ms.Anjali Ananthan & Ms.Praseena K (Assistant Professors, ECE Department) visited various polytechnic colleges as

a part of admission campaign.

Dr.Vinod C(HOD ,ECE) and Ms.Anjali Ananthan (Assistant Professor, ECE Department) submitted proposal for ATAL FDP on the topic "Next – Gen Semiconductor Technologies: Bridging VLSI, AI, and Energy Efficient Chip Design" on 28/03/2025.

Almost all the staff members of the department earned badges in L&T courses.

Ms.Archana P Assistant Professor and Ms. Niya Kochumon Assistant Professor, attended 2 weeks FDP on "Engineering Entrepreneurship and IPR" held on 05th to 26th March 2025 organized by KTU.

Ms. Archana P received appreciation certificate for completing her Career Pathway: "Window Server administrator/IT Support Specialist".

The EEE department submitted a six-day FDP proposal to the AICTE Training and Learning (ATAL) Academy titled "Emerging Trends in Electric Vehicles: Power Electronics, Energy Management & Sustainability," scheduled from January 5th to January 10th, 2026.

Ms. Niya Kochumon Assistant Professor organized an expert talk on "Scope of Renewable Energy" by Djeesh K Sub Engineer KSEB on 14/03/2025.

Mr. Anoop KC, Coordinator and Mr. Vinay Krishnan U, Co- Coordinator submitted FDP Proposal on the topic- Sustainable Energy management and Green Manufacturing in Industry 4.0: Practical approaches to energy audits under ATAL FDP.

Mr. Anoop KC, Assistant Professor, ME attended a 2 week online FDP on "Engineering Entrepreneurship & Intellectual Property Rights organized by Human Resource Development Centre (HRDC) of the University in association with Kerala Startup Mission which commenced from 03/03/2025.



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