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MONTHLY NEWSLETTER



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SREEPATHY

INSTITUTE OF MANAGEMENT AND TECHNOLOGY

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



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“DESIGN YOUR FUTURE”

Association of Department Of Mechanical Engineering Students (ARMS) In Collaboration With IEDC-Simat organized a Webinar on DESIGN YOUR FUTURE, on 02/10/2024, From 7 Pm To 8 PM, via Google Meet. The session was handled by Alumni of ME (2014-18), Mr. Ananthapadmanabhan, Senior CAE Engineer, Mahindra & Mahindra, Chennai. 18 students and 7 faculty members from the Mechanical Department attended the webinar.

The program started at 7 PM, with a formal welcome speech and an introduction about the resource person by Mr. Krishnan K N Assistant Professor/ME. Resource person covered a broad category of topics, starting from his experiences in SIMAT. He gave an overview of the current opportunities for mechanical engineers in industries, higher studies and research.

He provided detailed knowledge of the different softwares used in design and analysis sectors and the companies, both OEM and Consultants and the recruitment processes in the same.

He interacted with students from S5&S3 ME and enquired about their future goals. 3 students from S3 ME and 2 from S5 ME expressed their interest and directions to achieve those were given in brief by the Resource Person. The student feedback, at the end, revealed that the session was very interesting and helpful for them.

At the end of the session, Dr. Ramkumar P N (HoD/ME), added some valuable points regarding the opportunities for students in the private sector and he also thanked Mr. Ananthapadmanabhan for his valuable time spent with the students.

The session wound up at 8.30 PM



“BUILDING FUTURE – READY ENGINEERS : ESSENTIAL SKILLS FOR ACADEMIC AND PROFESSIONAL SUCCESS”

The Webinar titled Building Future – Ready Engineers: Essential Skills for Academic and Professional Success was held on 30th September 2024 at SDPK Lab, With Dr. Nitin Padmanabhan as a keynote speaker. Dr. Nitin Padmanabhan, a highly experienced senior Engineer/Scientist in Transmission Operations and Planning Department at the Electric Power Research Institute (EPRI) Internationals, Canada, delivered the talk Online through Google Meet. The event was Organized by Ms. Praseena K, Assistant Professor, ECE Department in association with ECE Department Association- Inspire and SIMAT ISTE Chapter.

The focus of the session was to highlight the essential skills engineers must develop to succeed both academically and professionally in the evolving industry. Dr. Nitin Padmanabhan stressed the importance of a diverse skill set that goes beyond technical knowledge, including:



- * Understanding the fundamentals of engineering and how they integrate with real world applications.
- * Soft Skills: Communication, Leadership, Teamwork and Collaboration etc.
- * Critical Thinking and Problem Solving: Engineers must be able to assess situations, identify problems and develop creative solutions quickly and efficiently.
- * Adaptability and Continuous Learning: As technology evolves, lifelong learning becomes crucial. Dr. Nitin Padmanabhan emphasized the importance of staying adaptable and pursuing continuous education and upskills.

Dr. Nitin Padmanabhan also mentioned the important points for attending an interview and also shared the opportunities in Canada. His insights and practical advice inspired attendees to reflect on their current skill set and how they can better prepare for future challenges. His engaging presentation style and thorough knowledge of the subject left a lasting impact on the participants.

Abhirami Namboodiri and Gouri M N, students S7 ECE provided positive feedback on the webinar. Ms. Sushma M HOD, ECE concluded the session with a vote of thanks. She expressed her gratitude to Dr. Nitin Padmanabhan for sharing his valuable insights.

WORKSHOP ON WEB DESIGN USING ORACLE

CLEMENTIA, the students' association of the Department of Computer Science and Engineering, SIMAT, conducted an engaging and inspiring program for S5 CSE students. The workshop took place on September 24th and 25th, 2024, and was organized and led by students, with Mr. Lakshman serving as the guest instructor. The sessions focused on both theoretical and practical aspects of web design using Oracle, a critical tool in backend web development.

Day 1: Overview of Oracle and Its Applications in Web Development

The first day began with Mr. Lakshman introducing Oracle's essential web design and development functionalities. He explained the structure of Oracle databases, how they support web platforms, and their role in managing and storing data efficiently. Through interactive discussions, students gained insight into how Oracle systems can be integrated into web development frameworks, ensuring a solid website backend.

Day 2: Hands-on Web Design Using Oracle

On the second day, students were engaged in practical sessions where they designed dynamic web pages using Oracle. Mr. Lakshman provided a detailed demonstration, guiding the students in building interactive web pages that

seamlessly connect with Oracle databases. The hands-on activities allowed students to apply their knowledge, gaining valuable experience in front-end design and backend integration.

At the end of the workshop, students were evaluated based on their performance. The following individuals were selected for advanced training and internship opportunities, which may lead to placements in relevant industries:

1) Adithyan K. K., 2) Gopika Rani P., 3) Vaishak, 4) Muhammad Anfas, 5) Anjali P. V., 6) Aravind N., 7) Gokul Radhakrishnan, 8) Maidily Haridas, 9) Sooraj, 10) Vaishnav T., 11) Vaishnav S., 12) Sree Vishnu P., 13) Vivek, 14) Sayooj Manikandan.

These students demonstrated exceptional skill in applying Oracle to web design. They were recognized for their potential to advance in the field.

The workshop concluded with a closing ceremony attended by the Principal, Dr. S.P.Subramanian, the Head of the Department, Sreeshma K., Mr. Anoop Aryan, the faculty coordinator of Clementia, and Mr. Giridhar C., the faculty who initiated and organized the workshop. The Principal acknowledged Mr. Lakshman for his contributions and emphasized the importance of such workshops in preparing students for future industry challenges. Students expressed their gratitude, praising Mr. Lakshman's hands-on approach and clarity in his teaching.

As a token of gratitude, the Principal invited student representatives to present Mr. Lakshman with a gift on behalf of the college, honoring his significant role in ensuring the workshop's success.

INDUSTRY VISIT

Department of Mechanical Engineering, SIMAT, had organised an industrial visit on 6th september 2024 to 'THE METAL INDUSTRY' located at Shornur & 't' at Kulapully for the students of Mechanical Engineering. We started traveling from the College campus at 09:15 am by college bus. Totally 46 students with 2 faculties (Mr. Krishnan K N & Mr. Anoop K C) were there in the journey.

The METAL INDUSTRIES LTD. METIND Nagar,Shoranur is a Kerala State public sector undertaking Unit established in the year 1928 perhaps the one among the first few pioneer industries in pre independent India and the first one in south India. The activities of the company are to manufacture and market various agricultural implements and tools required for agro farming, handicrafts and artisans community. The major clients of the products are Public and Government sectors.

UNIVERSAL INDUSTRIES LTD is a Proprietorship Firm incorporated on 01-oct-2016, having its registered office located at Universal, Industrial Estate, Shornur. The major activity of Universal Implements is Manufacturing, Sub-classified into Manufacture of fabricated metal products except machinery and equipment and is primarily engaged in the Manufacture of cutlery such as knives, forks, spoons, cleavers, choppers, razors , razor blades, scissors, hair clippers etc. Universal Implements is classified as Micro enterprise in the financial year 2023-24. It has its unit situated at Shornur, Kerala.

Aim of the Industrial visit:

- Practical Exposure: Provide students with real-world insights into the functioning of metal, from production to management.
- To interact with the students with industry professionals.
- To experience the working environment in industry.



The Metal Industries Ltd.



Universal Industries Ltd

The visit to metal industries provide valuable insights into modern industrial practices and technologies.

We extend our gratitude to the Management and staff of 'THE METAL INDUSTRY' & 'UNIVERSAL INDUSTRIES LTD' for their hospitality and willingness to share valuable information during our visit.

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 alumni, Swetha Ravisankar (2014-18 batch). This event aimed to provide students with insights into the burgeoning electric vehicle (EV) sector and it's 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 batteries and fast charging solutions, were covered.

Swetha discussed advancements in autonomous driving and their integration into EV systems. 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. Attendees left with a greater understanding of the importance of EVs in addressing climate change and the myriad career opportunities within this dynamic field.

Special thanks to Swetha for sharing their expertise and experiences, as well as to the organizing committee for facilitating this insightful event. We look forward to more such interactions that bridge the gap between academia and industry.

AWARENESS PROGRAMME

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

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 departments and second / third / final year at the computer centre from 3.30 PM to 4.30 PM. Mr. Janardhanan M K welcomed the gathering and appreciated the efforts of the ambassadors. The team members made a presentation for about 30 minutes Some of the major points highlighted by them are:



Graduate Aptitude Test in Engineering (GATE) is the nation's most prestigious entrance exam taken by BE/BTech/M-Sc students to gain eligibility for Masters and PhD programs in higher educational institutions in the country and also overseas in some universities.



In addition, GATE score is also used for recruitment by several public sector units (PSUs). Likewise, JAM is a nationwide entrance exam taken by B.Sc. students and is used for admission to various Masters programs across IITs and IISc.

The format of the questions, the process of the exam from application to conduct of examinations was discussed. They also addressed the students' queries about the exams.

ONAM CELEBRATION

INAUGURAL CEREMONY

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 commence at 9:00 a.m. with students collaborating to create a beautiful Onam Pookalam in front of the office area in the Portico. This intricate floral arrangement, made from colorful flowers, symbolized prosperity, and welcomed the spirit of Onam. At 10:30 a.m., the ceremonial lighting of the Bhadradeepam marked a significant moment in the celebrations. Dr. S. P. Subramanian, the esteemed Principal of SIMAT, along with student representatives Aswin A and Neehara V S, performed this ritual.



The program commenced with a lively performance of Thiruvathirakali, a traditional Kerala dance, presented by the final year students who showcased their enthusiasm and skill. Dressed in vibrant traditional attire, they danced gracefully, embodying the spirit of celebration that is integral to the Onam festivities. The rhythmic movements and captivating music created an electrifying atmosphere, drawing everyone's attention and encouraging participation.

Games started at 11:00 a.m., a captivating session of various games took place as part of the Onam celebrations, bringing together staff and students in a spirit of fun and camaraderie. The games included popular activities such as musical chairs, where participants competed for a seat as lively music played, creating an atmosphere of excitement and an-





ticipation.

No Onam celebration is complete without a traditional Sadhya, and at around 12:00 p.m., all the teachers gather to serve this grand feast. The Sadhya, prepared with a variety of delicious dishes served on banana leaves, featured traditional flavors that were both satisfying and memorable. The teachers' warm involvement in serving the meal added a personal and festive touch to the occasion.



At 1:30 p.m., the eagerly awaited Sreebadra Kalasamathi Melam, a traditional percussion ensemble organized by the College, commenced, instantly transforming the atmosphere with its powerful, rhythmic beats. As the ensemble played, a wave of excitement swept through the crowd, prompting everyone to join in the dance, moving joyfully to the lively Shingari Melam rhythms.

The pulsating beats resonated throughout the venue, fostering a sense of unity and celebration among students, faculty, and staff. This vibrant performance became the heart of the festivities, with its infectious energy igniting enthusiasm and joy in all participants. The air was filled with laughter, clapping, and the sounds of traditional instruments, creating an immersive experience that captured the essence of Onam.

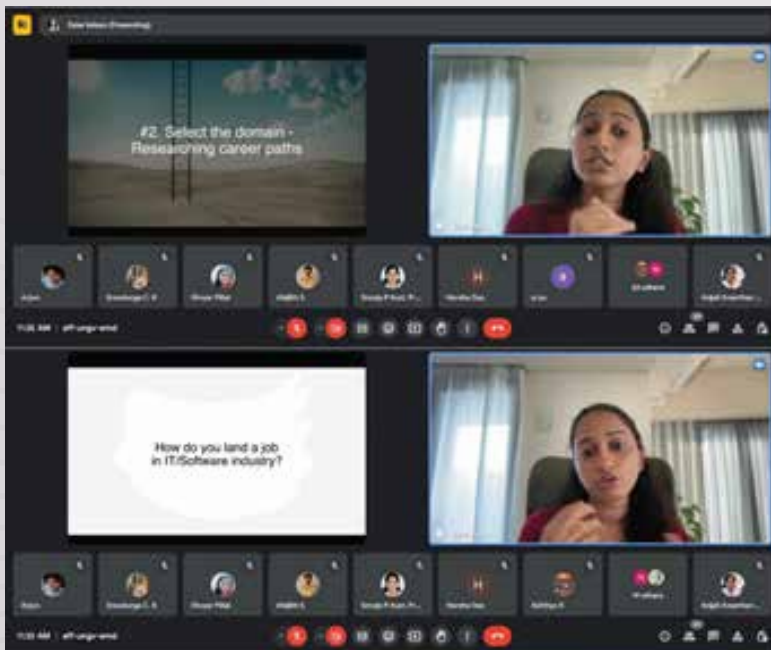
As the Melam continued, the occasion blossomed into a lively celebration, rich in cultural significance and collective spirit. It was a moment where everyone, regardless of age or background, could come together and celebrate their shared heritage. By 4:00 p.m., as the festivities gradually ended, the echoes of the music lingered in the hearts of all, leaving behind cherished memories of a vibrant and unforgettable celebration.

“AI THROUGH THE LENS : MY PATH FROM BREADBOARDS TO CAMERA”

On September 7, 2024, the ECE Department Association - Inspire, in collaboration with the Sreepathy ISTE Chapter, organized an insightful and inspiring online session titled "AI through the Lens: My Path from Breadboards to Cameras". The event was organized by Ms. Anjali Ananthan, Assistant Professor, ECE Department and Sreepathy ISTE Coordinator. The event featured Ms. Eaka Valsan, an AI Engineer and Project Manager at Sony, Yokohama, Japan, who shared her personal journey from her BTech days to her current professional role in the field of Artificial Intelligence.

The session provided a platform for students to understand the intricate career paths within the IT industry, particularly in AI and machine learning. Ms. Eaka spoke in depth about her transition from early experiments with breadboards to working with cutting-edge AI technologies at Sony. She emphasized the key attributes necessary for success in the IT sector, including the importance of developing a professional network, staying current with emerging technologies, and maintaining strong communication skills.

Ms. Eaka also provided practical advice for students seeking to enter the IT industry, highlighting the importance of internships, continuous learning, and active participation in technology communities. Her message of perseverance and adaptability was especially relevant for those aspiring to work in rapidly evolving fields like AI.



The event attracted 30 participants, including students from both the ECE and CSE departments, who engaged actively throughout the session. Sreedurga C.K, Arjun Raj, and Akash K.V from S5 ECE shared their genuine feedback on the session, expressing their appreciation for the valuable insights provided and the practical nature of Ms. Eaka's advice.

Following the talk, there was a highly interactive Q&A session, where students posed questions about Ms. Eaka's experiences, career challenges, and technical aspects of her work in AI. Ms. Eaka answered the questions thoughtfully, providing additional guidance on preparing for a career in AI, the importance of interdisciplinary learning, and the future of AI technologies in imaging.

The event concluded with closing remarks by Prof. Sushma M (Head of the ECE Department) and Ms. Sreeja P (Associate Professor, ECE Department), who expressed their gratitude to Ms. Eaka for sharing her wealth of knowledge and inspiring the students. Ms. Divya Pillai, a Full-Time Research Scholar at Engineering College, also conveyed her appreciation, highlighting how such sessions contribute significantly to the academic and professional growth of the students.

The event was a great success, providing attendees with not only technical insights but also career-oriented guidance that would prove beneficial for students preparing to enter the IT and AI industries. The valuable feedback from participants reflects the impact of the session, which offered both inspiration and a roadmap for future career development.

“BEYOND CAMPUS : SUCCESS STORIES AND STRATEGIES”

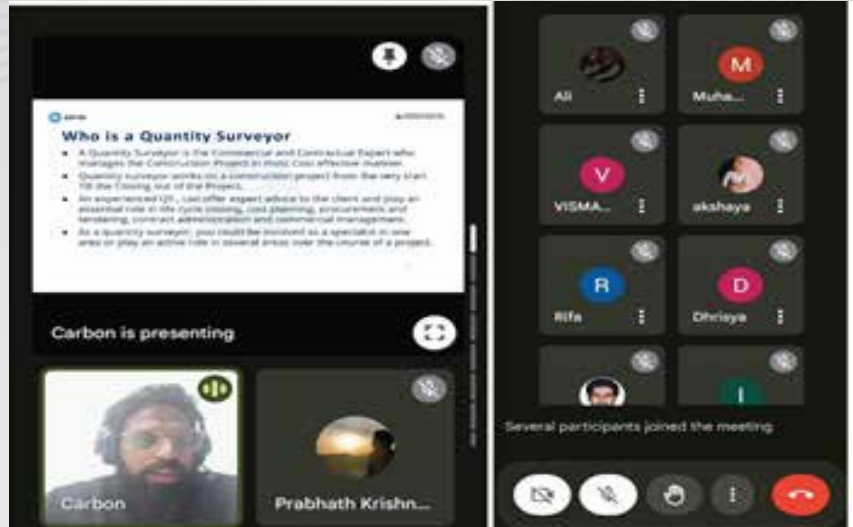
The ECE Department Association, Inspire, in collaboration with the Sreepathy ISTE chapter, organized a live session titled "Beyond Campus: Success Stories and Strategies" on 31st August 2024 via the Google Meet platform. The event was organized by Ms. Anjali Ananthan, Assistant Professor, ECE Department and Sreepathy ISTE Coordinator. The session featured Ms. Anju Praveen, a proud alumna of Sreepathy (ECE Batch 2018-2022) and currently a Systems Engineer at Infosys. The session commenced at 9 PM with a welcome address by Ms. Anjali Ananthan, Assistant Professor of ECE. Anju began the session by reflecting on her time at Sreepathy, sharing how the academic and extracurricular opportunities at the institution played a pivotal role in shaping her professional journey. She emphasized the importance of maintaining a balanced focus on academics, projects, and personal skill development during her years in college. Anju spoke about her transition from campus life to the corporate world, describing the learning opportunities at Infosys. She encouraged students to develop good communication and teamwork skills, which are highly valued in any corporate setting. She also mentioned the importance of adaptability, as the industry continuously evolves. The session concluded with a lively Q&A segment, where Anju answered queries from students, offering valuable insights and motivation for their upcoming career journeys. The event was a resounding success, leaving the students inspired and well-prepared for life beyond campus. The session concluded with a thank-you note from Prof. Sushma M, Head of the ECE Department, expressing gratitude to Ms. Anju. A total of 48 participants, including students and staff members from the ECE department, attended the event.



"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 the 23rd of September, 2024. The session was conducted online via Google Meet from 8:00 PM to 9:00 PM, and was attended by 29 students. The webinar aimed to provide insights into the career opportunities in the field of quantity surveying, both in India and abroad.

The session was led by Mr. Jubair K V, a Senior Quantity Surveyor at CBG Qatar, who has extensive experience in the construction industry. His expertise in quantity surveying allowed him to offer valuable insights into the diverse opportunities in the field and share his personal experiences working internationally.



Mr. Jubair K V discussed the career prospects in quantity surveying, elaborating on the demand for skilled professionals in India and abroad. He highlighted the growing need for quantity surveyors in regions such as the Middle East, especially in countries like Qatar, where infrastructure projects are rapidly expanding. The speaker also explained the essential roles and responsibilities of a quantity surveyor, such as cost estimation, budgeting, and contract management. He emphasized the significance of accuracy and attention to detail in ensuring the success of construction projects. The importance of acquiring technical and managerial skills was stressed during the session. Mr. Jubair encouraged students to focus on mastering software tools used in quantity surveying and to develop strong negotiation and communication skills.

The webinar was interactive, with 29 students actively participating throughout the session. Students had the opportunity to ask questions regarding career development and the specific skills needed to excel in the field of quantity surveying.

HANDS-ON SESSION - "CREATING CIRCUIT WITH TINKERCAD"

On September 12, 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 was organized by Ms. Sreeja P., Associate Professor, ECE Department and Ms. Anjali Ananthan, Assistant Professor, ECE Department, Sreepathy ISTE Coordinator. The event featured Mr. Jinesh K.J., Assistant Professor, Dept. of Mechatronics and Manager, I&E cell, Jyothi College of Engineering, Thrissur. 24 students of S5 ECE participated in the session.

The session commenced with a warm welcome by Sreeja P., who expressed gratitude to all participants for joining and felicitation by Prof. Sushma M., HOD, Dept. of ECE highlighted the importance of hands-on training in enhancing practical skills in electronics.

The hands-on training session on "Creating Circuit with Tinkercad" aimed to equip participants with practical skills in circuit design using the Tinkercad platform. Mr. Jinesh K.J. began the session with an overview of Tinkercad, highlighting its user-friendly interface and powerful tools for circuit design and simulation. Participants were guided on how to create a Tinkercad account and navigate the platform.



The facilitator introduced various electronic components available in Tinkercad, including resistors, capacitors, LEDs, and Arduino boards. Also it was demonstrated how to select and place components on the virtual workspace. The students followed along as Mr. Jinesh demonstrated the process of creating a simple circuit that included an LED and a resistor. Key concepts such as current flow, voltage, and resistance were discussed in relation to the circuit.

The session emphasized the importance of simulation in circuit design. The students learned how to run simulations to test their circuits. Common troubleshooting tips were shared to help participants identify and resolve issues in their designs. The facilitator briefly introduced advanced features, such as using the Arduino board within Tinkercad to create programmable circuits. Mr. Jinesh K.J.

promised that examples of projects that can be built using Tinkercad will be discussed in the next session which will be more inspiration to students to explore further. Mr. Jinesh encouraged attendees to experiment with their designs and explore Tinkercad's resources for continued learning. The students expressed appreciation for the practical approach of the session and the clear explanations provided by Mr. Jinesh K.J. They suggested conducting the next session on Tinkercad including more complex projects and additional resources for learning.

The event concluded with closing remarks by Ms. Anjali Ananthan, Assistant Professor, ECE Department and Sreepathy ISTE Coordinator who expressed her gratitude to Mr. Jinesh K.J. for his expertise and dedication, as well as all participants for their active involvement. At the conclusion of the session, Sreeja P, Assistant Professor, ECE Dep presented a token of honor to Mr. Jinesh K.J in recognition of his dedication and effective teaching.

The training session was successful in achieving its objectives. Participants left with a foundational understanding of circuit design using Tinkercad and the confidence to experiment with their own projects. Mr. Jinesh K.J. received positive feedback for his engaging and informative teaching style.

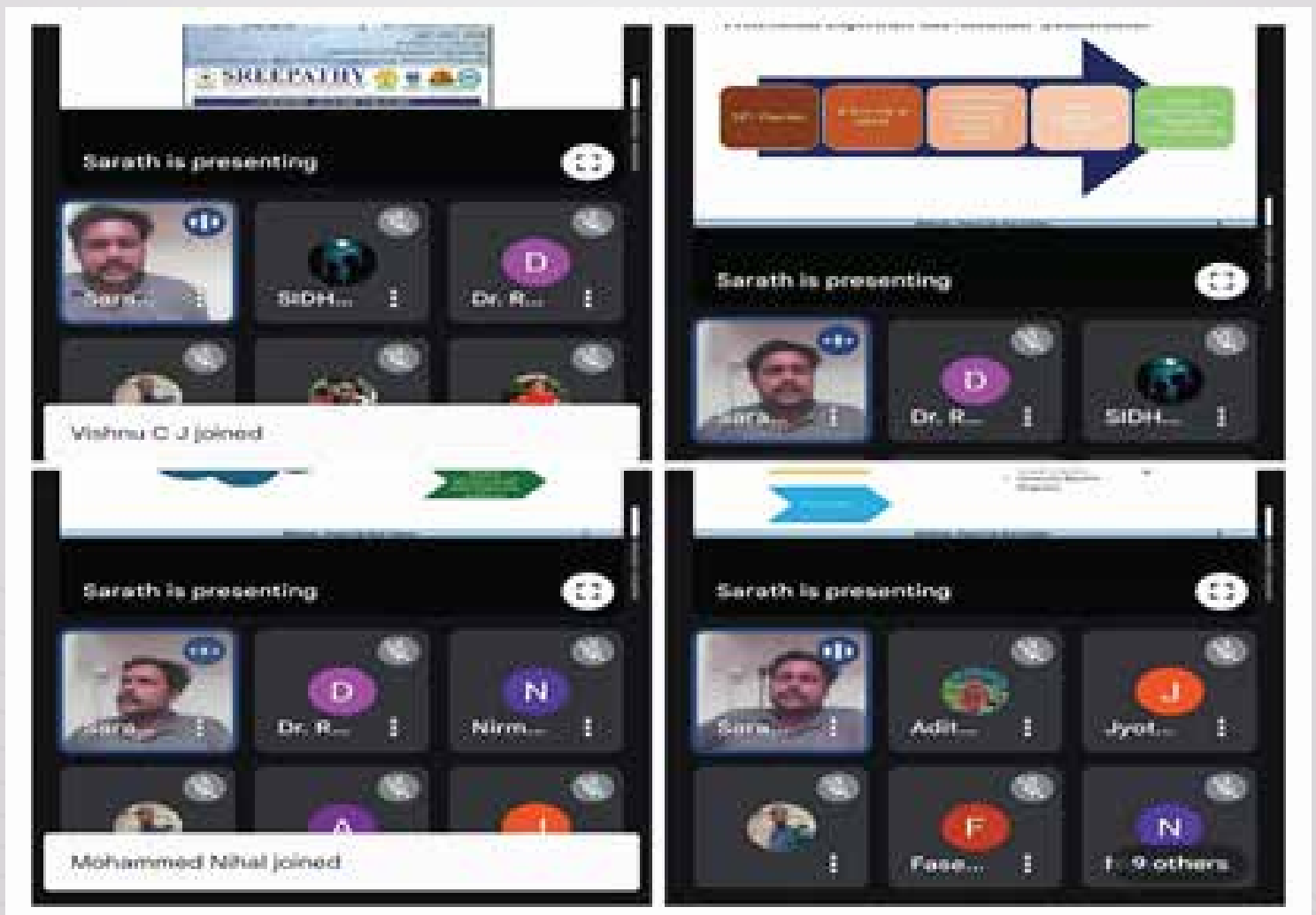
The valuable feedback from participants reflects the impact of the session, which offered both inspiration and a roadmap for future career development.

POWER UP YOUR CAREER : ESSENTIAL STRATEGIES FOR HIGHER STUDIES

Association of Department Of Mechanical Engineering Students (ARMS) In Collaboration With IEDC-Simat organized a Webinar on Power Up Your Career: Essential Strategies For Higher Studies, on 21/09/2024, From 7 Pm To 8 PM, via Google Meet. The session was handled by Alumni of ME (2011-15), Mr. Sarath Babu, who is a Research scholar at IISC, Thiruvananthapuram. 15 students and 5 faculty members from the Mechanical Department attended the webinar.

The program started at 7 PM, with a formal welcome speech by Dr..Ramkumar P N(HOD, ME). Mr. Krishnan K N, Assistant Professor/ME gave a brief overview of the session and an introduction about the resource person. Sarath Babu covered a broad category of topics, starting from his experiences in SIMAT. He gave an overview of the GATE exam and also experiences while doing M.Tech.

He provided detailed knowledge of the different courses and the eligibility criteria for many of the universities. He gave an overview of the different scholarships provided by universities and internship/placement opportunities. Finally, he discussed the career opportunities in Research and Development, and also regarding job opportunities after PhD. At the end of the session some students from S5ME put forth their queries and they were answered. The session wound up at 8.15 PM and concluded with a vote of thanks by Mr. Anoop K C, Assistant Professor/ME.



BRIDGING SKILLS AND OPPORTUNITIES

The Department of Artificial Intelligence and Data Science organized a webinar on 8th September 2024. The target audience of the programme were students of AD(S3) who were interested in placements.

The program started at 7.00 PM, with a formal welcome speech by Ms. Sindhu S (Associate Professor & HOD of AD Department & Coordinator of Integra). She gave a brief overview of the session and an introduction about the resource person. Ms. Liya Antony. Ms. Liya covered a wide range of topics, highlighting the career opportunities after graduation. She discussed various job positions such as data scientists, data engineers, Software developers, testers, data analysts, etc. She provided a detailed knowledge about the skills required for various job roles. Programming using python, java, Web development using HTML, CSS, PHP, Data analysis using R, Tableau, etc were the skills which she suggested. She gave an overview of the different industry domains such as Cloud computing, Networking, Ethical Hacking, Testing, Database Management, Machine Learning, Computer Vision, Natural Language Processing, etc. She also gave an idea about the salary packages offered for different job roles. Finally, Ms. Liya discussed the soft skills required, such as team work, communication skills, problem solving skills, time management skills, etc. At the end of the session. Some students expressed their interests in different job roles after graduation.



The session was very interactive. It came to an end by 8.30 PM. The session concluded with a vote of thanks by Ms. Sindhu.

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 being conducted by Mr. Sidharth P, Treasurer of IEEE SB SIMAT. The initiative aims to equip students with practical web development skills, covering fundamental and advanced topics.

The first session had a total of 23 attendees, comprising 17 IEEE members and 6 non-members. The program has been well-received, with positive feedback from participants about the hands-on learning approach.



BLOOD DONATION CAMP

The NSS Unit, Sreepathy Institute of Management and Technology, organized a Blood Donation Camp named Sanjeevanam 4.0 on September 4, 2024. This was conducted in collaboration with IMA Blood bank Thrissur. It was held from 10 am to 4 pm near the civil department. We were fortunate enough to collect 50 blood units. The camp was a huge success!



TEACHERS DAY CELEBRATION



We celebrated Teachers' Day on the 5th of September with great enthusiasm. The whole program was organized by the NSS 233 Unit Simat. Students expressed their gratitude towards the teachers by distributing sweets and gifts.

SHELTER HOME VISIT

NSS volunteers visited pratheeksha palliative care on NSS day 29/09/2024. Palliative care is about improving the quality of life of anyone facing a life threatening condition including physical, emotional and spiritual care. Palliative patients need mental support and we planned to meet them. We were able to help them as much as we could.



NSS DAY CELEBRATION



On the NSS Day on 24/09/2024 NSS volunteers shared joy by sharing sweets to students and teachers.

INDUCTION PROGRAM

On September 28 2024 NSS UNIT 233 SIMAT conducted an induction program to btech first year students. The session was handled by our ex-program officer and Palakkad regional officer Syam Sir



YOUTH MEET



On September 30 2024 nss volunteers participated youth meet held at Nagalassery Panchayath Office. The meeting also led to honoring haritha karma sena members .

STUDENTS' ACHIEVEMENTS

1. Students of S5 CE have successfully completed NPTEL courses.
2. S5 and S3 CE students attended a seminar on "Awareness of Gate exam" conducted by IISC Bangalore on 31/09/2024
3. S3 and S5 NSS volunteers actively took part in Sanjeevanam 4.0 Blood donation camp conducted on 04/09/2024 at the college
4. Mr.Aswin P.V and Mr Sreekanth K Of S5 ECE attended online webinar on ICFOSS IOT ambassador program on 07/09/2024
5. Mr.Abijith , Ms. Sreedurga, Mr. Krishnaprasad, Mr.Akash of S5 ECE and Ms Sandra, Ms .Anaswara, Ms Alinda of S3 ECE visited Pratheeksha Palliative Care home as a part of NSS day on 24/09/2024.
6. Majority of students of the ECE department took part in a live session on "AI through the Lens: My Path from Breadboards to Cameras" by Ms.Eaka Valsan (AI Engineer and Project Manager at Sony, Yokohama, Japan,) on 08/09/2024 in Google meet platform conducted by the ECE Department Association - Inspire in collaboration with Sreepathy ISTE chapter.
7. All the S5 ECE students took part in handson session on "Creating Circuit with Tinkercad " by Mr.Jinesh K.J (Assistant Professor , Department Of Mechatronics , Manager I&E Cell,Jyothi Engineering College , Thrissur) on 12/09/2024 conducted by the ECE Department Association - Inspire in collaboration with Sreepathy ISTE chapter.
8. All the ECE students took part in a live session on "Building Future-Ready Engineers: Essential Skills for Academic and Professional Success " by Dr. Nitin Padmanabhan (Senior Engineer/Scientist, Transmission Operations and Planning Electric Power Research Institute (EPRI) International) on 30/09/2024 in Google meet platform conducted by the ECE Department Association - Inspire in collaboration with Sreepathy ISTE chapter.
9. Mr.Aswin P.V and Mr.Sreekanth K of S5 ECE participated in the open IOT student ambassador training program organized and conducted by the Centre for development of open hardware(CDOH), ICFOSS on 19/09/2024.
10. Ms.Surya K.S of S5 ECE attended a 72 hour coding program on Python 101 For Data science conducted by IBM Developer Skills Network issued by Cognitive class on 11/09/2024
11. Mr.Arjun Raj A of S5 ECE participated in the online session on " Introduction to cloud computing with Microsoft Azure " organized by Department of Research & Publications A2Z EduLearningHub LLP on 17/09/2024.
12. Mr.Arjun Raj A of S5 ECE completed a state level technical quiz on the topic Cyber Security And Ethical Hacking Conducted by Genzee Technologies LLP on 21/09/2024 .
13. Mr.Vyshakh P.M of S3 ECE has successfully completed the training in Machine Learning from Chorizo on 05/09/2024.
14. Mr.Goutham Krishna M.J of S3 ECE has participated in the vocational guidance session conducted by Skill Dunia in partnership with E-Cell IIT Hyderabad on 28/09/2024.
15. Ms.Amritha Nandakumar, Ms.Sreya P.R , Ms.Alinda Antony from S3 ECE were recognized on Merit Day, for securing the top three positions in the Semester I University Exam.
16. Ms.Amritha Nandakumar, Ms.Anaswara K , Ms.Sreya P.R from S3 ECE were recognized on Merit Day, for securing the top three positions in the Semester II University Exam.
17. Ms.Nimmi U, Ms.Sree Durga C.K , Mr.Aswin P.V from S5 ECE were recognized on Merit Day, for securing the top three positions in the Semester III University Exam.
18. Ms.Nimmi U, Ms.Sree Durga C.K , Ms.Bhavya R, Ms.Athulya V from S5 ECE were recognized on Merit Day, for securing the top three positions in the Semester IV University Exam.
19. Mr.Saday Sarma A.N , Ms.Abhirami Namboodiri E.A and Ms.Gouri M.N of S7 ECE were recognized on Merit Day, for securing the top three positions in the Semester V University Exam
20. Mr.Saday Sarma A.N , Ms.Abhirami Namboodiri E.A and Ms. Gouri M.N of S7 ECE were recognized on Merit Day, for securing the top three positions in the Semester VI University Exam.
21. Mr.Pranav R, Ms.Sandra Jayapal, Mr. Ranjith V P, Ms.Sreya P R, Ms. Anaswara K, Ms.Karthika V, Ms.Akshaya O P, Ms.Amritha Nandakumar, Ms. Daya T M, Ms.Akhila M K, Mr.Arun Dev K, Mr.Athul krishna P A, Mr.Abhishek K V, Mr.Darsan krishna PS, Ms.Alinda Antony, Ms.Harsha T, Ms.Nithya K of S3 ECE were honored on Merit Day, for their successful completion of the NPTEL MOOC course "English Language for Competitive Exams."

22. Ms.Anju, Ms.Bhavya R, Mr.Krishna Prasad PV, Mr.Sreekanth K, Ms.Surya KS, Akash KV, Ms.Reem of S5 ECE were honored on Merit Day, for their successful completion of the NPTEL MOOC course "Understanding Incubation and Entrepreneurship"
23. Mr.Gokul C.H & Ms.Gouri M.N of S7 ECE were honored on Merit Day, for their successful completion of the NPTEL MOOC course "DIGITAL CIRCUITS"
24. Ms.Neehara V S and Ms.Abhirami Namboodiri E A were awarded with laptops under the 'KTU-Bridging the Digital Divide Scheme on merit day.
25. Ms.Daya T M, Mr.Goutham Krishna M J, Ms.Alinda Antony & Ms. Amritha Nandakumar S3 ECE were honored on Merit Day, for receiving the Sreepathy Students Scholarship.
26. Mr.Goutham Krishna M J & Ms.Amritha Nandakumar S3 ECE were honored on Merit Day, for receiving AICTE Fee waiver Scholarship.
27. S5 and S3 ECE students attended a seminar on "Awareness of Gate exam" conducted by IISC Bangalore on 31/09/2024
28. Mr.Arjun Raj A of S5 ECE completed a 5 day internship on the topic Cyber Security And Ethical Hacking Conducted by Genzee Technologies LLP on 21/09/2024 .
29. Mr. Nandha Kishore S5 EEE, completed a hands-on project in "AI for students:Build your own generative AI model" conducted by NXT Wave on 31/08/2024.
30. Mr. Aflah S5 EEE and Mr. Sreehari K V S5 EEE, attended an online webinar on ICFOSS IOT ambassador program on 07/09/2024.
31. Mr. Aflah S5 EEE and Mr. Sreehari K V S5 EEE, participated in the open IOT student ambassador training program organized and conducted by the Centre for development of open hardware(CDOH), ICFOSS on 19/09/2024.
32. Ms. Fathima Hiba, Mr. Rishikesh P.S., and Ms. Fidha Nasrin , from S3 EEE were recognized on Merit Day, for securing the top three positions in the Semester I University Exam.
33. Ms. Fathima Hiba, Mr. Aravind P R,and Mr. Rishikesh P.S, from S3 EEE were recognized on Merit Day, for securing the top three positions in the Semester II University Exam.
34. Mr. Nanda Kishor K V, Mr. Aflah N and Mr. Srijith K, from S5 EEE were recognized on Merit Day, for securing the top three positions in the Semester III University Exam.
35. Mr. Aflah N , Mr. Nanda Kishor K V, and Mr. Srijith K, from S5 EEE were recognized on Merit Day, for securing the top three positions in the Semester IV University Exam.
36. Ms. Anjana A.K., Ms. Fathima Hiba, Ms. Harsha M., Ms. Aiswarya Vijayan M., and Mr. Hariram A.R. from S3EEE were honored on Merit Day, for receiving the Sreepathy Students Scholarship.
37. Ms.Aiswarya Vijayan M, Ms. Fidha Nasrin P, Ms. Fathima Hiba P, Ms. Anjana V, Mr. Aravind PR, Ms. Anjana AK, Ms. Midhila AP, Mr. Rishikesh P S, Ms. Krishnajali C, from S3EEE were honored on Merit Day, for their successful completion of the NPTEL MOOC course "English Language for Competitive Exams."
38. Mr. Abin K U, Mr. Akshay Venu, Mr. Umer Mukthar, Mr. Nanda Kishor K Form S5 EEE,were honored on Merit Day, for their successful completion of the NPTEL MOOC course "Understanding Incubation and Entrepreneurship"
39. Mr. Yadu P Dev,Associate Professor, CSE, and Salmanfaris, Ajay Krishna, Mohammed Badusha, and Vipin, students of S7 CSE, submitted a paper entitled "Emergency Response Network Using Motion Sensors and Adaptive Location-Based Power Management" has been accepted on Ninth International Joint Colloquiums on Computer Electronics Electrical Mechanical and Civil-CEMC 2024.
40. Students of S5 CE have successfully completed NPTEL courses.

STAFFS' ACHIEVEMENTS

1. Dr.Sagar M Narayanan , HOD AS&H was the advisor for the conduct of Merit day in the college.
2. Ms.Soumya P, Ms. Shamseena P T, Mr. Ratheesh T and Ms. Nimina took part in the smooth conduct of Merit day on 28.09.2024
3. Mr. Sreekanth E.M (Assistant Professor ,CE Department) was honored on Merit Day for mentoring the students for NPTEL MOOC course "Understanding Incubation and Entrepreneurship"
4. Ms. Anjali Ananthan, Assistant Professor ECE Department , Coordinated a live session on "AI through the Lens: My Path from Breadboards to Cameras" by Ms.Eaka Valsan (AI Engineer and Project Manager at Sony, Yokohama, Japan,) on 08/09/2024 in Google meet platform conducted by the ECE Department Association - Inspire in collaboration with Sreepathy ISTE chapter.
5. Ms. Sreeja P, Associate Professor ECE Department , Coordinated a handson session on "Creating Circuit with Tinkercad " by Mr.Jinesh K.J (Assistant Professor , Department Of Mechatronics , Manager I&E Cell ,Jyothi Engineering College , Thrissur) on 12/09/2024 in conducted by the ECE Department Association - Inspire in collaboration with Sreepathy ISTE chapter.
6. Ms. Praseena K, Assistant Professor ECE Department , Coordinated a live session on "Building Future-Ready Engineers: Essential Skills for Academic and Professional Success " by Dr. Nitin Padmanabhan (Senior Engineer/Scientist, Transmission Operations and Planning Electric Power Research Institute (EPRI) International) on 30/09/2024 in Google meet platform conducted by the ECE Department Association - Inspire in collaboration with Sreepathy ISTE chapter.
7. Ms.Anjali Ananthan (Assistant Professor ECE Department) was honored on Merit Day For successfully completing the NPTEL course on Numerical Linear Algebra course conducted by IIT Roorkee
8. Shehras V.U (Assistant Professor ECE Department) was honored on Merit Day For successfully completing the NPTEL course on Python For Data Science conducted by IIT Madras.
9. Ms.Anjali Ananthan (Assistant Professor ECE Department) was honored on Merit Day For successfully completing the NPTEL course on Deep Learning conducted by IIT Kharagpur with Elite silver being topper of 5% in the course
10. Ms.Sreebala P (Associate Professor ECE Department) was honored on Merit Day For successfully completing the NPTEL course on Digital System Design conducted by IIT Madras
11. Ms.Anjali Ananthan & Ms.Praseena K (Assistant Professors ECE Department) was honored on Merit Day for mentoring the students for NPTEL MOOC course "Understanding Incubation and Entrepreneurship".
12. Mr. Rejaneesh R., Associate Professor , EEE Department, was awarded on Merit Day for mentoring Mr. Vishnu P., Mr. Muneer A., and Mr. Muhammed Sajas N(2019–2023 batch). leading their startup 'Green Scale Hydroming' to secure ₹11 lakhs in funding from the MSME, Government of India.
13. Mr. Yadu P Dev,Associate Professor, CSE, and Salmanfaris, Ajay Krishna, Mohammed Badusha, and Vipin, students of S7 CSE, submitted a paper entitled "Emergency Response Network Using Motion Sensors and amp; Adaptive Location-Based Power Management" has been accepted on Ninth International Joint Colloquiums on Computer Electronics Electrical Mechanical and Civil-CEMC 2024.
14. Mr. Sreekanth E.M (Assistant Professor ,CE Department) was honored on Merit Day for mentoring the students for NPTEL MOOC course "Understanding Incubation and Entrepreneurship"
15. Dr. Ramkumar P N attended a two-day workshop organized by the APJ Abdul Kalam Technological University (APJAKTU) Centre for Excellence in Sustainability Engineering and Carbon Neutrality, held at Government College of Engineering, Kannur, Kerala, during 12th and 13th of September 2024.
16. Mr. Krishnan K.N., attended IEDC cluster summit meeting held on 27/09/2024 at LEAD college of Management, Palakkad.

PROGRAMMES CONDUCTED

1. SIMAT ALUMNI and AS&H department together conducted an Ice breaking session for the students of S1 on 04.09.2024.
2. Mr. O. A Babu (Rtd.SI Mobile Traffic unit) and AS&H department together conducted an awareness session to S1 students as a part of an induction programme on the topic "Change your thoughts" on 5/09/24 .
3. Anti drugs pledge was taken by first year students on 11.09.2024.
4. An Introductory session about NSS was given to S1 students as a part of the induction programme. This session was organised by AS&H department and classes were engaged by Mr. Syamprasad G (NSS District Coordinator APJAKTU) on 28.09.2024
5. S3 and S5 NSS volunteers actively took part in Sanjeevanam 4.0 Blood donation camp conducted on 04/09/2024 at the college
6. CE department of SIMAT Conducted a technical talk on "Opportunities in Quantity Surveying" by Er. Jubair K V on September 23, 2024.
7. The ECE Department Association - Inspire in collaboration with Sreepathy ISTE chapter conducted a live session on "AI through the Lens: My Path from Breadboards to Cameras" by Ms.Eaka Valsan (AI Engineer and Project Manager at Sony, Yokohama, Japan,) on 08/09/2024 in Google meet platform.
8. The ECE Department Association - Inspire in collaboration with Sreepathy ISTE chapter conducted hands on session on "Creating Circuit with Tinkercad " by Mr.Jinesh K.J (Assistant Professor , Department Of Mecha-tronics , Manager I&E Cell ,Jyothi Engineering College , Thrissur) on 12/09/2024
9. The ECE Department Association - Inspire in collaboration with Sreepathy ISTE chapter conducted a live session on "Building Future-Ready Engineers: Essential Skills for Academic and Professional Success " by Dr. Nitin Padmanabhan (Senior Engineer/Scientist, Transmission Operations and Planning Electric Power Research Institute (EPRI) International) on 30/09/2024 in Google meet platform
10. A seminar on "Finding a Way to the EV Industry" was conducted on 12/09/2024, featuring Ms. Swetha, System Engineer at Valeo, Chennai, as the speaker. This event was held in association with BLITZKRIEG.
11. Conducted a webinar on Industry Insights: Bridging Skills and Opportunities under INTEGRA.
12. A club named CODE INTELLIGENCE was formed.
13. Web development program is being conducted by the coding club of AD during the open hour of every Friday, since 6th September.

GENERAL BODY MEETING

On 30th August 2024, IEEE SB SIMAT held a General Body Meeting with all its members to discuss upcoming events and the plans for the 10-year anniversary of the Student Branch. The meeting focused on enhancing student engagement through technical workshops, webinars, and industry expert lectures. These events aim to improve the technical knowledge and practical skills of students, ensuring they stay up to date with the latest developments in the field.

The central highlight of the meeting was the planning for the 10th anniversary celebration of IEEE SB SIMAT, a significant milestone for the branch. Members proposed an alumni meet to reconnect with past members, featuring keynote speeches and discussions on the journey of IEEE SB SIMAT over the past decade. This meet will provide current members with valuable networking opportunities and insights into the professional experiences of former members, enriching their perspectives on career paths in technology and engineering.

Additionally, the branch discussed reviving some of its older flagship programs, which had previously contributed to socially relevant causes. These programs, known for addressing real-world problems through technology, will be revamped to align with modern advancements and needs. By relaunching these initiatives, the student branch aims to continue its legacy of socially responsible innovation while involving the student body and the community in meaningful projects.



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