

NEWSLETTER

AAWAZZ 2023-24

JUNE - DECEMBER



VISION

- To be among the leading CSE departments, developing ethical engineers and impactful research aligned with societal and sustainable development goals.

MISSION

- To provide computer science education that cultivates creativity, problem-solving, and a passion for lifelong learning.
- To develop competent computer science professionals by fostering teamwork, leadership and ethical responsibility
- To promote impactful research addressing societal and sustainable development needs.

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DECEMBER

- Faculty achievements

PROGRAM EDUCATIONAL OBJECTIVES

- Graduates will develop effective computing solutions by integrating technical expertise, problem-solving skills, and innovative approaches.
- Graduates will contribute effectively in industry or advance in academia and research by applying analytical thinking, and professional competencies.
- Graduates will act ethically while applying their knowledge and skills to promote societal advancement and create sustainable technology solutions.

JUNE

- **Dr. Gayathri S Warriar**, Assistant Professor, Department of Computer Science and Engineering, SSET delivered a session on SHE-TeCHNiA #3 WiE talk series organized by the IEEE Council on RFID Kerala session as part of promoting women's leadership among the young generation. The third session of the SHE-TeCHNiA was organized in collaboration with WiE AG of IEEE SB RIT, online via Google Meet on May 15, 2023, at 7:30 PM IST. It was a fascinating discussion that guided listeners through many aspects regarding the metaverse.



- **Dr. Manish T I**, Professor, Department of Computer Science and Engineering, SSET was awarded IRSD Prominent Academic Leader Award 2023 by the International Institute of organized Research (I2OR) considering his overall contributions in the field of education and research on 30, May 2023 in Jamia Hamdard, New Delhi, India.



- **Asst.Professor Mr.Mahesh K M**, department of Computer Science and Engineering, SSET, presented the topic 'An introduction to online graphics tool using Canva on 31 ,May 2023, to the department's faculty. Canva makes designing beautiful creative assets easy for everyone. From social media images, videos and GIFS to posters, websites, booklets, multimedia presentations, and heaps more, Canva is an invaluable tool for helping us level up your design skills, even if we're just getting started.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KNOWLEDGE SHARING SERIES - 18



MS. ASHA S RAKESH
Assistant Professor
Department of Computer Science and Engineering

iTWIN
A digital twin device for remote data accessing

Faculty Coordinator : Ms. Greshma P Sebastian

12 JUNE 2023 | **10:00 AM IST**
VENUE- HARDWARE LAB, AD BLOCK

Accredited by  **NEA**

 **SSET** SCMS School of Engineering and Technology
Campus: Vidya Nagar, Kumbhamangalam - 683576
Website: www.scmsgroup.org/sset Tel: 0484 2832900/0484 2450330

- **Ms.Asha S Rakesh** ,Assistant Professor Department of Computer Science and Engineering delivered a talk on Knowledge Sharing program in SSET on 12-06 2023. The topic was "iTwin-A Digital device for Remote Access".iTwin is a 'limitless' secure USB device that enables users to access, edit & share all their files & media between any two online computers anywhere in the world.iTwin is an innovative solution that allows remote file access without the security and privacy risks of the cloud and USB flash drives.

It looks similar as a USB device and it is designed by joining two halves.One half is connected to your house for office PC and you have to carry other half always with you.

JULY

- As a part of curriculum and pedagogical method "Concepts transfer to simulation using programming", four groups are selected as winners for CST 304 CGIP from S6 CS1.



Winners for CST 304 CGIP are being awarded certificates by *Dr. Varun G Menon*, Professor and Hod, Department of Computer Science and Engineering, SSET.

- The Department of Computer Science and Engineering, SCMS School of Engineering and Technology (SSET) conducted a 1-day Flutter workshop on July 01-07, 2023 (Saturday). The workshop started with the speech of *Dr. Varun G Menon*, Head of the Department Computer Science and Engineering. Workshop was handled by *Mr. Ashwin S6 CSE Thinker Hub Member* and *Mr. Sooraj S Nair S6 CSE* and Thinker Hub members. In the Workshop the following topics are covered. 1. Github 2. Dart Language Basics 3. Flutter Installation 4. Android Studio 5. Visual Studio Code 6. Flutter SDK 7. Simple Application development by Flutter Workshop gave a wonderful experience to students and after the workshop the team gave a small project based on the topic covered. Workshop coordinated by *Mr. Mahesh K M* Assistant Professor Department of CSE.



- **Second International Conference on Computing, Communication, Security & Intelligent Systems (IC3SIS' 23)** organized by the Department of Computer Science and Engineering, SCMS School of Engineering and Technology, Karukutty, Ernakulam, India on July 6th and 7th 2023 in hybrid mode. The IC3SIS' 23 consists of five sessions in which three sessions are online and two are in offline mode. The Day 1 starts with Inaugural ceremony and Keynote Address by Chief Guest Dr. Ajith Abraham, Director-Machine Intelligence Research Labs (MIR Labs), USA at Main Seminar Hall ,Administrative Block, SSET
- On 6th July 2023 Forenoon Technical Session starts with Industry Expert Talk by Mr. Ganesh D Iyer, Group Manager, Learning and Development, IBS Kochi on the topic Strengthening the Bridge Between Academic and the Industry Through the Academia-Industry Collaboration at Main Seminar Hall ,Administrative Block, SSET.
- During the afternoon Paper Presentation Schedule (offline) will be handled by external Chair Member Dr. Anishin Raj, Lead, Learning and Development, IBS Kochi. On 6th July 2023 afternoon Paper Presentation Schedule (online) will be handled by external Chair Member Dr. Deepika M. P., Assistant Professor, DCA, CUSAT, Kochi.
- On 7th July 2023 Forenoon Paper Presentation Schedule (online) will be handled by external Chair Member Dr. Bipin P. R., Associate Professor, ECE, ASIET, Kalady. During the afternoon Paper Presentation Schedule (online) will be handled by external Chair Member Dr. R. Sunder, Associate Professor, SCET, Kodakara.
- The conference received 282 full paper submissions from academicians, research scholars and industry people. After two levels of single-blind reviews, we shortlisted 26 papers for presentation. with an acceptance rate of 9.2%.



AUGUST

- **Dr. Varun G. Menon**, Professor and HoD, Department of Computer Science and Engineering, SCMS School of Engineering and Technology, was a resource person for the one-day workshop on "Designing Your Research Journey" organized by SCMS School of Technology and Management on 26th July 2023 at our SCMS Kalamassery Campus.

- **Dr. Manish T. I Professor**, Department of Computer Science and Engineering, SCMS School of Engineering and Technology was selected as Advisory Board Committee Member and Reviewer in the Annual International Conference on Emerging Research Areas (AICERA 2023) organized by Amal Jyothi College of Engineering and will be held on 16-18 November 2023.

SEPTEMBER

- A one day hands on workshop on " Working with excel and Canva " for the teaching staff of Sree Sankara NSS EMUP School Koratty was organized by the Department of Computer Science and Engineering on 5th, August 2023 from 9.00am to 4.00pm. The Session was handled by **Ms.Asha S Rakesh**, Assistant Professor Department of CSE,SSET and **Ms. Seethal Prince** Assistant Professor, Department of CSE,SSET



- **Dr. Manish T. I Professor**, Department of Computer Science and Engineering, SCMS School of Engineering and Technology attended a meeting as External Department Advisory Committee member at Sahrdaya College of Engineering & Technology, Kodakara, Thrissur, Kerala on 19th, August 2023.

OCTOBER

- **Mr. Mahesh K M**, Assistant Professor, Department of Computer Science and Engineering has delivered a session on "AI TOOLS FOR THE CLASSROOM" on September 26, 2023 as a part of Knowledge Sharing Programme.



- The MCA association day programme titled "Frenzy Fiesta" was conducted on 29th, September 2023. **Mr. Nibin. P. Prasad**, a student of S3 MCA delivered a session on GIT and GITHUB. He discussed some concepts on how to collaborate and work on GIT and GITHUB.



- The Department Association Day, jointly hosted by the Department of Computer Science and Engineering and the Department of Artificial Intelligence and Data Science, was held on 04, October 2023. The highlight of the day was the insightful session delivered by **Mr. Sijoy Antony**, TTP Manager at HDFC Bank, titled "A Walk Through Corporate Life for Upcoming Grads." Mr. Sijoy Antony provided valuable insights into the corporate world, emphasizing the importance of adaptability, continuous learning, and networking for the upcoming graduates. Following this enlightening talk, the event recognized and celebrated the academic excellence of the top-performing students in the odd Semester of the academic year 2022-2023. To foster a sense of unity and teamwork among students, the day concluded with a series of enjoyable team-building exercises that encouraged collaboration, problem-solving, and effective communication. This event was a resounding success, exemplifying the Department's commitment to holistic education and the overall development of its students.



- The Department of CSE has started working on a collaborative project with BTF Kerala. Title of the Project: Real time visualization of Trains, Signals, Tracks and Level crossings using FRMCS technology for Indian Railways on 9th, October 2023. Project meetings are on every Tuesday and Thursday. So far four meetings have been completed. The following are the members of the Project Team:

- | | |
|--|---|
| • Mr. Sunil Haridas , CEO, Pradjna Intellisys Pvt. Ltd, Core member BTF | • Mr. ANANDJITH T J , student S5 CSE |
| • Dr. Ajith Chandran , Core member BTF | • Mr. CHISTOPHER JOY , student S5 CO |
| • Mr. Surendra Kumar , Core member BTF | • Mr. DHIBI PRADEEP , student S5 CO |
| • Ms. Josna Philomina , Asst, Prof. CSE (Project Manager) | • Mr. FARHAN , STUDENT S7 CS |
| • Dr. Varun G. Menon , Prof. and HoD CSE | • Mr. ASWIN B , S7 CS |
| • Ms. SANTHERI BHAT , student S5 CSE | • Mr. ASWIN S , S7 CS |
| • Mr. RISHIKESH , student S5 CSE | • Mr. ARJUN S , S7 CS |
| • Mr. ANIRUDH V KUMAR , student S5 CSE | |

NOVEMBER

- On the 16th of October, students from BTech CSE- (S5) went for an industrial visit to ICT Academy, Koratty Infopark. Students were given hands-on training on AI, ML in the industry. **Mr. Mahesh K M**, Assistant Professor, and **Ms. Jotsna Philomina**, Assistant Professor, assisted the students.



- Dr. Manish T I**, Professor is selected as the Session Chair for Special Track 18: Intelligent Systems and Analytics on the 5th IEEE International Conference on Computing, Power, and Communication Technologies (IC2PCT) February 9-10, 2024, at Galgotias University in Greater Noida, India.

- The Department of Computer Science and Engineering organized a Department Association Day for second-year students on October 19th, 2023. The event featured a distinguished resource person, **Mr. Jeevan Sebastian**, a prominent entrepreneur, writer, and content strategist. He shared his insights in a captivating session titled "Life through the Lens of a Storyteller," imparting valuable storytelling skills to the eager students.

COMPUTER SCIENCE AND ENGINEERING

DEPARTMENT ASSOCIATION DAY



SPEAKER
Mr. Jeevan Sebastian
Writer | Content Strategist | Entrepreneur
TOPIC: "Life through the Lens of a Storyteller"

Thursday
19.10.2023

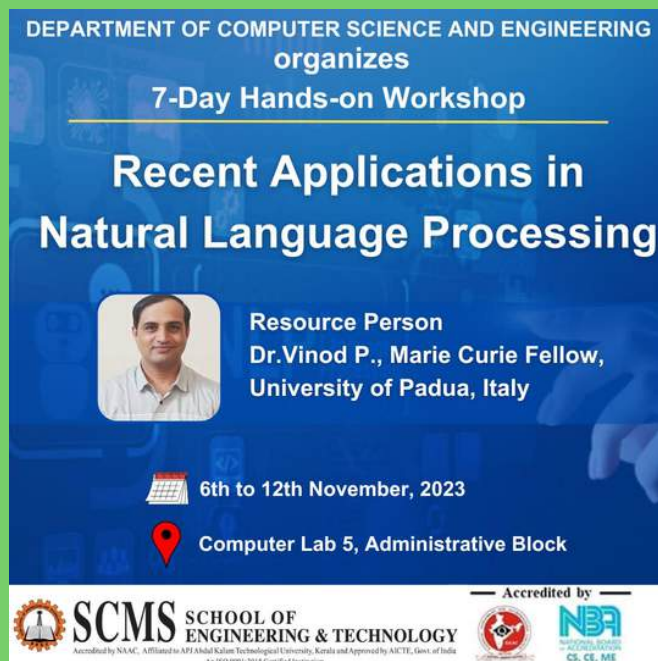
Time
12:30pm-3:45pm

Venue
Seminar Hall Academic-Block I

 **SCMS** SCHOOL OF
ENGINEERING & TECHNOLOGY
Established by NAC, Affiliated to VIT-VELLASSI, Vellore. Accredited by AICTE, New Delhi. ISO 9001:2015 Certified.

 **NBA** ACCREDITED

- The Department of Computer Science and Engineering is organizing a 7-day Hands-on workshop on "Recent Applications in Natural Language Processing (NLP)" from 6th to 12th November at SCMS School of Engineering and Technology (SSET) campus.



- The ACM student chapter of the Department of Computer Science and Engineering organized a one-day workshop, "AI UNLEASHED," for S5 Data Science students on the topic of "AI and AI Ethics." The event took place on November 10th, 2023, from 8:45 am to 3:45 pm. **Ms. Deepa Sree Varma** and **Mr. Joseph** from ICT Academy Kerala conducted the workshop, where they introduced various AI tools and provided examples related to AI ethics for the students.

DECEMBER

- **Ms. Amrutha Vipin ,Ms.Fathima Safna ,Ms.Isha Krishna and Mr.Sooraj S** of S7 Computer science and Engineering ,Scms School of Engineering and Technology were placed in QVANTEL.



- **Ms. Reshma K**, Assistant Professor; **Ms. Doney Daniel**, Assistant Professor; and **Ms. Neethu Krishna**, Assistant Professor, Department of Computer Science and Engineering, SSET, have co-authored a paper titled "IoT-Based Smart Greenhouse Systems for Controlled Environment Agriculture" published in the Scopus-indexed journal, The International Journal of Interdisciplinary Organizational Studies.

- A SURE Funding proposal titled "Scientific analysis of Ganga river basin and its origin using SAR and Machine learning techniques" submitted to DST SERB with File Number : SUR/2023/000074 by **Dr. Manish T I** ,Professor and Head, Dept of CSE,SSET as Principal Investigator and **Dr. Ratish Menon** (Professor and Head, Dept of Civil) as Co - Investigator

- **Dr.Varun G Menon** ,Professor and Deputy Dean Research, Department of Computer Science and Engineering, SSET has published a paper "Crowd Emotion Prediction for Human-Vehicle Interaction Through Modified Transfer Learning and Fuzzy Logic Ranking," in IEEE Transactions on Intelligent Transportation Systems.