The Department of Computer Science and Engineering at Sathyabama Institute of Science and Technology, Chennai, NITTTR, Chennai, and ASSIST Development Foundation, Philippines, collaborated to organize a Training of Trainers program on "Innovative Pedagogical Approaches & Leadership Skills in the Industry 4.0 Era" from June 16 to June 20, 2025. Forty-eight participants from various colleges and institutes attended. More than five resource persons delivered highly informative lectures across different sessions.

A two-day workshop titled "AR and VR in Sustainability", held from 29th to 30th July 2025, introduced participants to immersive technologies and their evolving role in education, industry, and sustainable development. The workshop aimed to ignite curiosity and provide students with foundational skills in AR/VR development using Unity.Hack-IT was a dynamic and collaborative hackathon that brought together a diverse mix of students from UTM, Computer Science & Engineering (CSE), Biotechnology, B.Com, and BBA departments. Designed to foster interdisciplinary innovation, the event encouraged participants to break silos, share ideas, and build meaningful solutions together.A two-day workshop titled "AR and VR in Sustainability", held from 29th to 30th July 2025, introduced participants to immersive technologies and their evolving role in education, industry, and sustainable development. The workshop aimed to ignite curiosity and provide students with foundational skills in AR/VR development using Unity.Hack-IT was a dynamic and collaborative hackathon that brought together a diverse mix of students from UTM, Computer Science & Engineering (CSE), Biotechnology, B.Com, and BBA departments. Designed to foster interdisciplinary innovation, the event encouraged participants to break silos, share ideas, and build meaningful solutions together.

The Department of Computer Science and Engineering organized a seminar called “RoboSquid Showdown” on July 15-16, 2025. Mr. Ganesh Rajendran, MD of AIRobo Infinity, brought together experts, startups, and tech enthusiasts to explore cutting-edge developments in artificial intelligence and robotics. The event featured keynote speeches, live demos, and panel discussions on automation, machine learning, and next-generation robotics. Attendees gained valuable insights into the future of intelligent machines across various industries, including healthcare, manufacturing, and space exploration. Approximately 120 students benefited from this event

Five dynamic teams of our CSE students showcased their innovation at the Global Academy of Technology, Bengaluru. From AI-driven holograms to decentralized healthcare, our teams tackled

real-world challenges with cutting-edge tech. Projects like HoloInteract, Snapsolve, Sign Language Interpreter, DarkWebShield, and Decentralized Healthcare System impressed the judges. Their expertise in AI, blockchain, NLP, and computer vision was on full display. These young innovators are redefining the future of tech, security, and accessibility. After an intense 24-hour coding session, the team "Digital Shinobis" won the First Prize and received a cash award of Rs. 25,000 along with a trophy. Their project impressed the judges due to its originality, technical execution, and overall impact. The other participating teams were awarded participation certificates and gift vouchers as a token of appreciation for their efforts and innovative contributions.

Helmet Detection Ignition System (HEDIS), developed under the esteemed Sathyabama Seed Fund Grant Program, is an advanced safety solution designed to enforce helmet compliance and enhance rider protection. Created by a team of third-year students from the Department of Computer Science and Engineering, this innovative system integrates cutting-edge technology to promote responsible riding and improve road safety. As a result of extensive research, rigorous testing, and hands-on development, HEDIS demonstrates our students' technical expertise and problem-solving abilities. By bridging academic research with real-world applications, we strive to create a lasting impact on road safety. Dr. Mariazeena Johnson, Chancellor, and Ms. Maria Catherine Johnson, Vice President, greatly appreciated this innovation and officially launched HEDIS at Sathyabama Institute of Science and Technology. We take great pride in our student's success and look forward to their contributions to making a meaningful difference in society.

We are excited to announce the success of the Code Hub Inauguration Ceremony, held on February 12, 2025, at the Dr. Remibai Jeppiaar Auditorium, Sathyabama Institute of Science and Technology. The event was inaugurated by Ms. Maria Catherine Johnson, Vice President, alongside Dr. T. Sasikala, Dean of the School of Computing, and Dr. L. Lakshmanan, Head of the Department of Computer Science and Engineering. Our student leadership team, including Mr. Nagendra Dasari (President), Ms. Renusri S. (Vice President), and Ms. Dhivya R. (Secretary), is excited to launch a new era of innovation and collaboration. The Code Hub will serve as a platform for hackathons, workshops, and projects, empowering students to learn, code, build, connect, and innovate. Thank you to everyone who contributed to the event's success.

The inauguration of the Sathyabama Student Chapter of the Society of Women Engineers (SWE) was a significant event featuring inspiring speeches and a commitment to empowering women in engineering. Our honourable Vice President, Ms. Maria Catherine Johnson, inaugurated the chapter, joined by esteemed guests like Mr. Paul Robichaud, Country Head of SWE India, and Ms. M. Bhuvaneshwari, SWE Global Ambassador. Following the inauguration, a debate addressed whether technology improves women's safety or creates new risks. Proponents highlighted innovations like GPS tracking and emergency apps, while opponents voiced concerns about privacy and cyber threats. The debate concluded with the recognition that while technology can enhance safety, it must be used with caution and ethical considerations.

Sathyabama Institute of Science and Technology, School of Computing, Department of Computer Science and Engineering organized the Second International Conference ICCCAI 2025 in association with Universiti of Malaya, Malaysia; Dambi Dollo University, Ethiopia; and Lappeenranta-Lahti University of Technology, Finland, on 27/03/2025 and 28/03/2025 at the Sathyabama Institute of Science and Technology Chennai Campus. The Vice President, Ms.Maria Catherine Johnson, inaugurated the conference, in the presence of Vice Chancellor Dr. T. Sasipraba, Dean Academics, international speakers, the Dean, Hod, and the faculty organisers. The conference features keynote speakers and session chairs from various international universities and nationally renowned institutions, including IIT, MIT, and industry leaders such as Tech Mahindra and HCL. The planned outcomes of the conference include a student exchange programme, research collaboration, collaborative student projects, and internships. The best paper in each session is awarded cash prizes and certificates

Ms. S. Thejashi, III Year, CSE and Mr. M. V. Ajay Surya, II Year, CSE have got an Internship from Universiti Sains Islam Malaysia (USIM) to work on a Real-time project funded by the Malaysian government. We are honoured to receive the appreciation and greetings from our Honourable Chancellor Dr. Mariazeena Johnson and Vice-President Ms.Maria Catherine Johnson for their hard work and achievement in acquiring an International Internship.

On 23/01/2025, Sathyabama Institute of Science and Technology hosted a "Drug Awareness Programme" featuring IPS Officer Mr. Samay Singh Meena, Deputy Commissioner of Police, Tambaram City Traffic Police, Chennai. He addressed the rise of drug abuse among youth and emphasized road safety, urging students to take responsibility for their actions. Through engaging anecdotes from his police experiences, he highlighted the consequences of drug abuse and reckless driving, while sharing insights on police initiatives to combat these issues. He encouraged students to pursue their passions for positive community impact

The 33rd Convocation Day was held on 18-08-2024 in Sathyabama Indoor Stadium. The 2020-2024 graduates received their degree certificates from our respected Vice President Ms. Maria Catherine Johnson. The occasion was convened by Dr Sasikala, Dean, School of Computing, Dr. B. Bharathi, Dean (Academics), Dr. L. Lakshmanan, Head of the Department, CSE, Dr. S. Vigneshwari, Head of The Department, CSE Specialization, Dr. A. Mary Posonia, Head of The Department, CSE Specialization. Our Vice President felicitated the Rank holders of the Department. The session ended with the most memorable group photo with our Honorable Chancellor Madam and Respected President Sir.

This program was designed to introduce first-year new students to the academic environment, campus facilities, and the institute's culture. The program eased the transition from high school to university life, provided essential information about academic and administrative processes, and helped students integrate into the SIST community

The Students from the UAV Drobotics hub of the CSE Department have kickstarted a new venture called Skylume Technologies 2024. During their internships at Multi-Dimensional Technologies, Bengaluru, they worked on an exciting project, the Aerial Drone Holographic Projection. We are thrilled to have received a nod from the Honorable Chancellor, Dr Mariazeena Johnson, for their hard work, reflecting our university’s dedication to innovation and technology excellence

Mr. N. Naveenkumar (2022-2026 batch) from the CSE department was a Junior Technical Engineer at Space Zone India. He played a key role in the successful launch of the Rhumi-1 hybrid rocket on 24th August 2024. We are honoured to receive greetings from our Honorable Chancellor, Dr. Mariazeena Johnson, which showcases the university's commitment to fostering innovation and excellence in technology

Sathyabama Institute of science and Technology signed an MOU with NITTTR Chennai, along with International Seminar on Industry 4.0 and 21st Century Skills in Education organized by Department of Computer Science and Engineering, School of Computing. Foreign delegates from Botswana, Ethiopia, FIJI, Gambia, Kenya, Maldives, Mauritius, Morocco, Nepal, Palestine, Srilanka, Tanzania, Uganda, Uzbekistan, and Zimbabwe participated in this event.

The Department of Computer Science and Engineering launched the “TECHNOLOGY HUB,” a new technical initiative, on July 25, 2024. The event was inaugurated by our dynamic Vice President Ms. Maria Catherine Johnson, alongside Dr. T. Sasikala, Dean of the School of Computing, Dr. L. Lakshmanan and Dr. A. Mary Posonia, Heads of the CSE Department. The launch event marked a significant step towards achieving this vision, setting the stage for the students and faculty to engage in future advancements and successes in computer science and engineering. During the event, winners of the Horizon Two-Days Symposium were also felicitated. The symposium featured a variety of technical sessions, competitions, and workshops, providing a platform for students to demonstrate their skills and creativity.

Department of CSE conducted the Horizon’24 technical symposium on the 18th, and 19th of July 2024 at Sathyabama Institute of Science and Technology. It features an exciting mix of technical and non-technical events. Now in its second year, Horizon continues the legacy of fostering innovation and fellowship among students. A total of 1204 students participated in various 15 events. Hosted by the prestigious ACM and ACM-W chapters from the School of Computing, Horizon offers a unique platform for students to showcase their skills, learn new concepts, and engage in friendly competition. Each year, this event is eagerly anticipated by students keen to participate and make the most of its diverse opportunities.

The Department of Computer Science and Engineering, in association with the ACM-W Student Chapter, hosted a week-long festivity spanning from March 4th to March 8th, 2024, in tribute to International Women's Day. This event was designed to honour the exceptional accomplishments of women and cultivate an environment of empowerment and inclusiveness. Each day of the celebration was distinguished by a unique colour code, contributing to the lively ambience, and interactive features such as selfie stations were integrated to actively involve attendees. The week encompassed a blend of technical and cultural events aimed at bolstering student leadership capabilities and fostering empowerment. The event provided a platform for female students to express themselves, showcase their talents, and develop confidence in their abilities, fostering a sense of empowerment among participants. More than 1500 students actively participated and benefited in the various events throughout the week. Through workshops, seminars, and

competitions, students had the opportunity to enhance their technical, creative, and leadership skills,

preparing them for future academic and professional endeavors. Inspirational talks and discussions by accomplished professionals served as sources of motivation and inspiration, encouraging students to pursue their goals with determination and resilience .Discussions on important topics such as gender equality, women's leadership, and societal challenges raised awareness and promoted dialogue among students, encouraging critical thinking and reflection. Indeed, the SHEroic Week served as a much-needed event for students, providing both knowledge enrichment and stress relief. Overall, the SHEroic Week served as a holistic platform for students, offering a balance of educational enrichment, stress relief, personal growth, and motivation, with far-reaching positive outcomes that extend well beyond the event itself.

From March 7th to 8th, 2024, the Department of Computer Science and Engineering at Sathyabama Institute of Science and Technology (Deemed to be University) in Chennai, India, jointly organized the International Conference on Cognitive Computing and Artificial Intelligence

(ICCCAI-2024) with Taylor's University in Malaysia. The conference had several distinguished speakers from Taylor's University, NIT, and the IT industry from around the world, who delivered keynote addresses and provided insights into the latest advancements in the field of Cognitive Computing and Artificial Intelligence. The conference was well-attended by numerous students from all over India, and 178 participants from different institutions presented their latest research findings through oral presentations that showcased cutting-edge research methodologies, findings, and innovations. The conference provided an opportunity for international networking and collaboration, allowing participants to form new connections, establish partnerships, and explore opportunities for collaboration. Interactive workshops were also conducted on specialized topics, providing participants with hands-on training and practical skills development opportunities.

The Department of Computer Science and Engineering organized an online event named InTechSprint – Student Development Program in Cutting-Edge Technology from 22-01-2024 to 27-01-2024. The key speakers are Ms Deena from Sri Ramachandra Institute of Higher Education and Research, Chennai, Ms Charulatha from Stella Maris College, Chennai, and Dr Ayesha, Dr Pavithra, Dr Ilavarasi from VIT Chennai campus. Around 50 students participated in this event actively

As a part of the Swachh Bharath initiative, the Department of Computer Science and Engineering organized a campus cleanup drive, air quality awareness session, and DIY bottle plantation in collaboration with the Bhumi Foundation at Sathyabama Centre for Advanced Studies on 24 January 2024. The students actively participated in promoting the Swachh Bharat mission throughout the university campus.

The Department of Computer Science & Engineering has successfully organized a CSIR-sponsored 5-day National Level workshop on the Internet of Things and Artificial intelligence in the next era of agriculture from 30.10.2023 to 03.11.2023. In total, 130 enthusiastic participants from various institutions attended the workshop. The workshop ended with great success with very good feedback from the participants as well as resource persons

Dr. Nirmalrani V and Dr. Gowri S from the Department of Computer Science and Engineering, School of Computing have gone on a Faculty Exchange Programme to Cukurova University, Turkey under the Erasmus Plus staff mobility program for teaching funded by the European Union. They participated in the International Week event from 28th October 2023 to 3rd November 2023. They handled classes on Data Visualisation and Software Testing for the students of Cukurova University

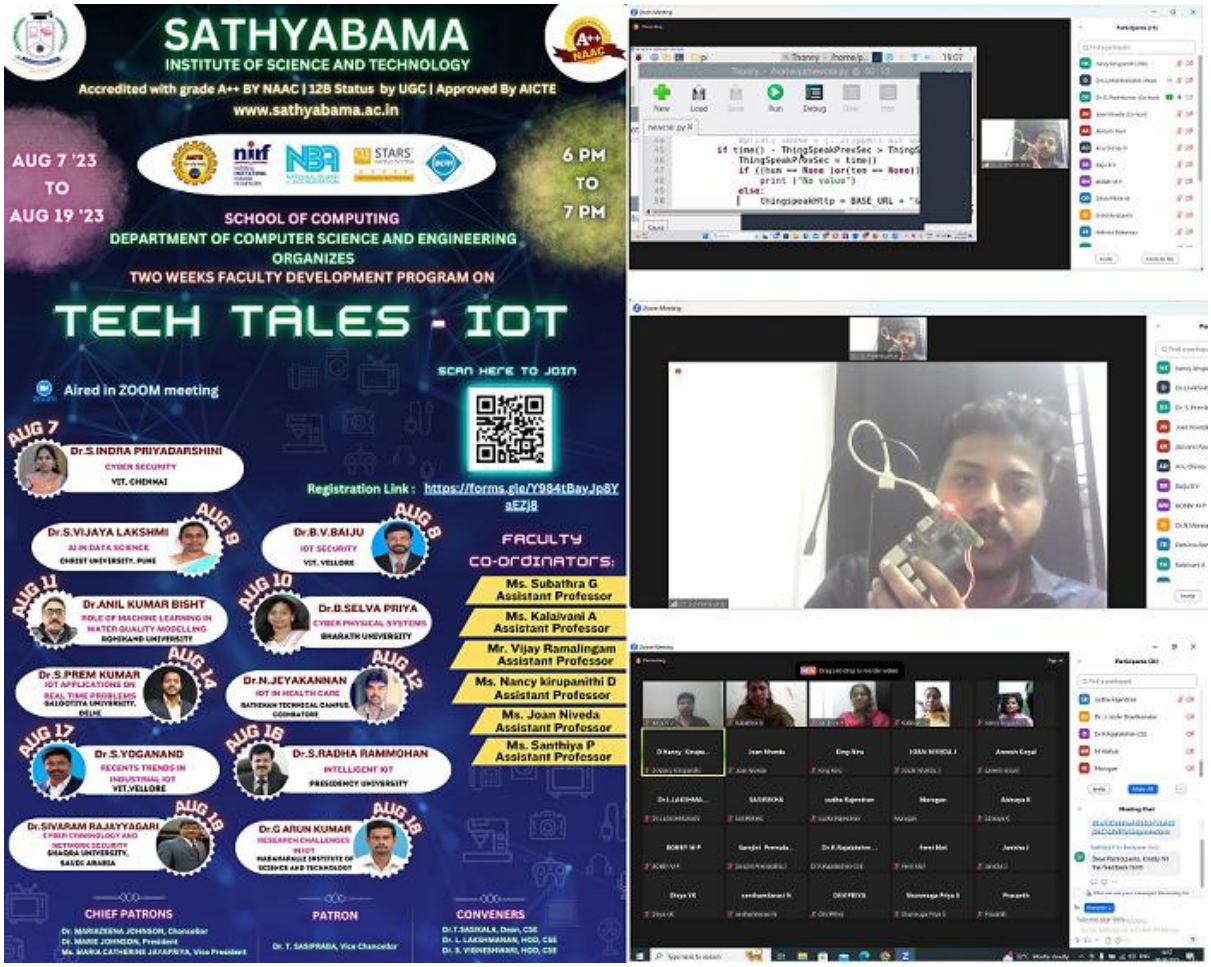
Department of Computer Science and Engineering, School of Computing will be organizing the International Conference on Cognitive Computing and Artificial Intelligence (ICCCAI-2024) in association with Taylor's University, Malaysia to be held at Sathyabama Institute of Science and Technology, Chennai, India, during the 7th to 8th March 2024.

Department of Computer Science and Engineering organized a 5-day online workshop for research scholars to empower the art of research and publication skills. The resource persons of this event were Dr. S.Venkatraman, Associate Professor, VIT Chennai, Dr. J.Albert Mayan, Professor, SIST, Dr. Mercy Paul Selvan, Professor, SIST, Dr. Nancy Noella R S, Assistant Professor, SIST and Dr. J.Jeslin Shanthamalar, Assistant Professor, SIST. The event helped various research scholars across domains in improving their research careers. Totally 40 participants actively participated in this webinar and the event was a great success

A poster-making competition titled “Pair Postering” was organized on 17th October 2023 at the Department of Computer Science and Engineering- Sathyabama Centre for Advanced Studies, with 20 teams of 40 students by Dr. D. Menaka, and Mrs, T.Bhanu Shree, Assistant Professors in Sathyabama Institute of Science and Technology, Chennai-600119. This program navigates the students and makes them recreate the innovations on the topic of Artificial intelligence, Robotics, and Machine learning to get an insight into Engineering, the significance of engineering for making an announcement or appeal, issuing a notice, advertising a product, or bringing about awareness on any issue of public interest

The AI Leadership event took place on August 7, 2023, with the theme focusing on AI leadership. The distinguished resource speaker for the occasion was Mr. J. Jesi, who currently holds the position of Senior Vice President at the Bank of America in San Francisco, California. A remarkable turnout of more than 150 students eagerly participated in the event sessions. The students benefited significantly from the event, leveraging the profound expertise shared by the resource persons. Mr. J. Jesi's insights extended beyond conventional classroom learning, offering students a practical understanding of AI leadership. The event's emphasis on interaction and engagement contributed to an enriching learning experience for the students, equipping them with relevant skills for their future roles.

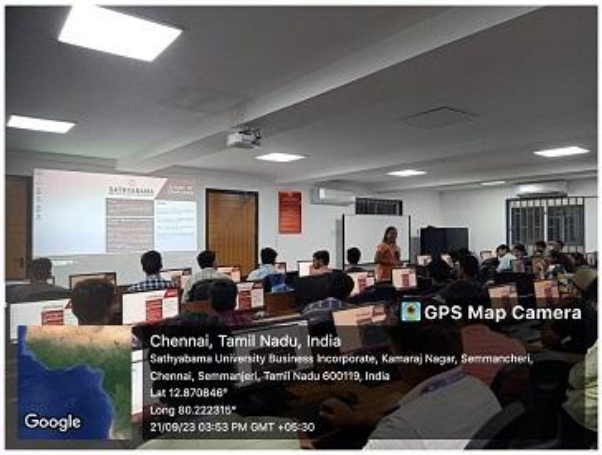
School of Computing in association with Makerspace, Sathyabama Institute of Science and Technology organized a 30-hour Value-added course on 3D printing to equip learners with the skills to navigate the frontier of additive manufacturing, fostering innovation in industries from healthcare to aerospace. Participants gained hands-on experience, mastering the art of translating ideas into tangible creations



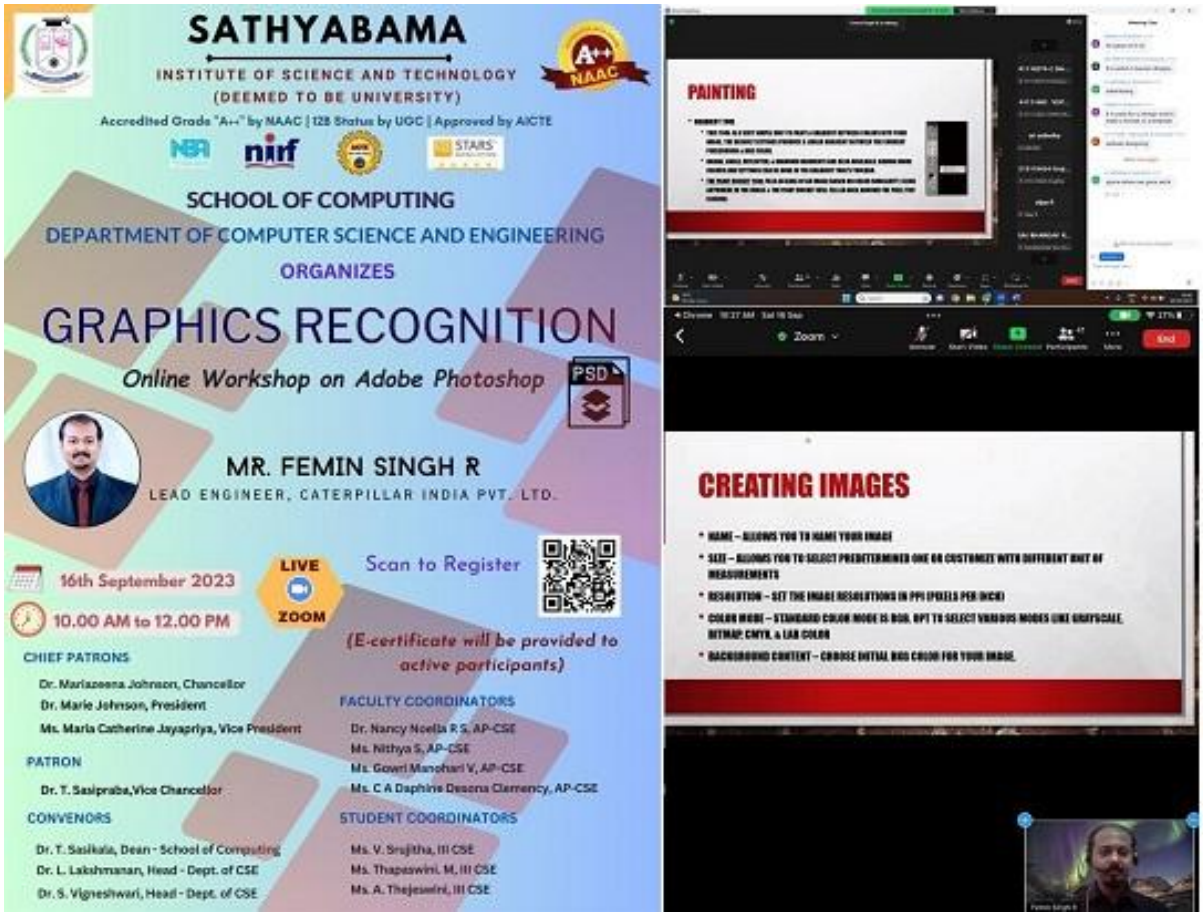
The two weeks of FDP TECH TALES - IoT was organized to facilitate the faculty members to topics related to Recent trends and research perspectives of the Internet of Things and Cyber Security. On day 1 07.08.2023, Dr. S. Indra Priyadharshini, Assistant Professor, School of Computer Science and Engineering, Vellore Institute of Technology, Chennai discussed the topic Log Monitoring and Anomaly Detection - Cybersecurity. The next day 08.08.2023, Dr. B. V. Baiju, Assistant Professor (Senior Grade), Department of SCOPE, Vellore Institute of Technology, Vellore, discussed the topic of Authentication in IoT. On day 3 09.08.2023, Dr. S. Vijaya Lakshmi, Associate Professor, Department of Data Science, Christ University, Lavasa discussed the topic of Artificial Intelligence in Data Science. On day 4 10.08.2023, Dr. B. Selva Priya, Assistant Professor, Department of Computer Science and Engineering, Bharath Institute of Higher Education and Research, Chennai discussed the topic Recent Trends in Cyber Physical Systems. On Day5 11.08.2023, Dr. Anil Kumar Bisht, Assistant Professor, Department of CSIT, FET, Mahatma Jyotiba Phule Rohikhand University, Bareilly, U.P. discussed the topic Role of Machine Learning in Water Quality Modelling. On day 6 12.08.2023, Dr. N. Jeyakannan, Associate Professor & Head, Department of Artificial Intelligence and Data Science, Rathinam Technical Campus (Autonomous), Coimbatore. discussed the topic of IOT in Health Care. On Day 7 14.08.2023, Dr. S. Prem Kumar, Assistant Professor, School of Computing, Galgotias University, Greater Noida, Delhi -NCR, UP.,

discussed the topic in IoT Applications on Real Time problems. On day 8 16.08.2023, Dr. S. Radha Rammohan, Professor, School of Computer Science and Engineering & Information Science, Presidency University, Bengaluru, India. discussed the topic of Intelligent IoT. On day 9 17.08.2023, Dr. Yoganand Selvaraj, Assistant Professor (Senior Grade), Department of SCOPE, Vellore Institute of Technology, Vellore explained all Recent trends in Industrial IoT. On day 10 18.08.2023, Dr. G. Arunkumar, Associate Professor, Department of Computer Science and Engineering, Madanapalle Institute of Technology & Science, Andhra Pradesh. discussed the topic of Research Challenges in IoT. On day 11 19.08.2023, Dr. Sivaram Rajeyyagari, Associate Professor, Department of Computer Science, College of Computing and Information Technology, Shaqra University, Shaqra, Saudi discussed the topic Cyber Criminology and Network Security.

Department of Computer Science and Engineering at the Sathyabama Centre of Advanced Studies conducted a project expo on 04-08-2023 from 9:00 a.m. to 3:15 p.m. 60 students as 25 project teams actively participated in this expo



Department of Computer Science & Engineering, Sathyabama Institute of Science and Technology recently conducted a six-day student development program titled "C unleashed" from Sep 20, 2023, to Sep 27, 2023, conducted at the design thinking lab. The resource persons for the event were Dr. Nandhini S. Assistant Professor, who presented the topic of problem-solving techniques, Dr.Subathra G, Assistant Professor, who presented the topic of conditional statements. Mr. Vignesh S, Assistant Professor, presented the topic of looping statements, Mrs. Santhiya P, Assistant Professor, presented the topic of arrays, Dr. Deepa A, Associate Professor, presented the topic of functions and pointer, Dr. Supriya S, Assistant professor, presented the topic of structures and unions. Over 164 students attended the sessions with enthusiasm and interest. The sessions were practical and interactive. Overall, the event was a successful and informative program for the students



Department of Computer Science and Engineering, Sathyabama Institute of Science and Technology conducted an Online Workshop on Adobe Photoshop - "Graphics Recognition" on 16th September 2023. The resource person was Mr. Femin Singh R, Lead Engineer, Caterpillar India Pvt Ltd. Over 50 students attended the workshop. The resource person explained in detail about the tools available in photoshop and finally gave detailed step by step overview of creating a poster. The event was very interactive and informative