Virtual Alumni Meet was conducted online by the Department of Computer Science and Engineering on June 14th, 2020

School of Computing, Sathyabama Institute of Science and Technology has provided a platform for young engineering students to exhibit their coding skills through **Smart Virtual Hackathon, 2020**, A Virtual Platform, conducted online for **36 hours** held from June 25, 2020 9:00 a.m. to June 26, 2020 9:00 pm.

Department of CSE organized an Fifteen Days Executive Development Programme on Leading Digital Transformation- Innovative Applications of Emerging Technologies from August 3, 2020 to August 17, 2020. Dr. Pethuru Raj - Chief Architect & Vice President-RJIL Bangalore, Mr. Prasad Ramchandra Deore - Director-NASSCOM, Mr. Joseph - Managing Director-ITK Education Services P Ltd. Chennai, Mr. Ramesh G - Ex-G M Operations ABT Maruthi Chennai, Dr.Revathy - Sathyabama Institute of Science and Technology, Ms. S. Sheeba - Software Automation Lead - American techology Consulting Chennai, Ms.E. Aruna Devi - SAP Labs Bangalore, Dr. Ashok Kumar K - Sathyabama Institute of Science and Technology, Mr. Aravind R - Senior Manager - MTAB Technology Center Chennai,Dr. I. Jacob Ragiend - Vellore Institute of Technology Vellore, Dr. R J Minu - SRM Institute of Science and Technology Kattankulathur, Dr. S. Murugan - Sathyabama Institute of Science and Technology, Dr. Bharathi B - Sathyabama Institute of SScience and Technology, Mr. b. Yogeshwaran - Machine Learning Engineer - TCS Chennai, Mr. Sethuraman - Sathyabama Institute of SScience and Technology conducted this programme for all students. Top-Right Image: Day 1 : August 3, 2020, Speaker : Dr. Pethuru Raj - Chief Architect & Vice President-RJIL Bangalore, Topic : Digital Twin Bottom-Right Image: Day3: 05.08.2020, Speaker: Mr. Ramesh G, G.M. Operations, ABT Maruthi, Chennai, Topic: Digitalization in Customer Service.

Department of CSE organized a two hours event programme on Engineers day titled Invent your own Product on September 9, 2021. This event was conducted for our CSE students. The top 5 products done by our students are captured as a video to showcase their talent.Top-Right Image: Recycled Robot: Create robot from junk materials available at home. Bottom-Left Image: Build a Robot Arm with available materials.
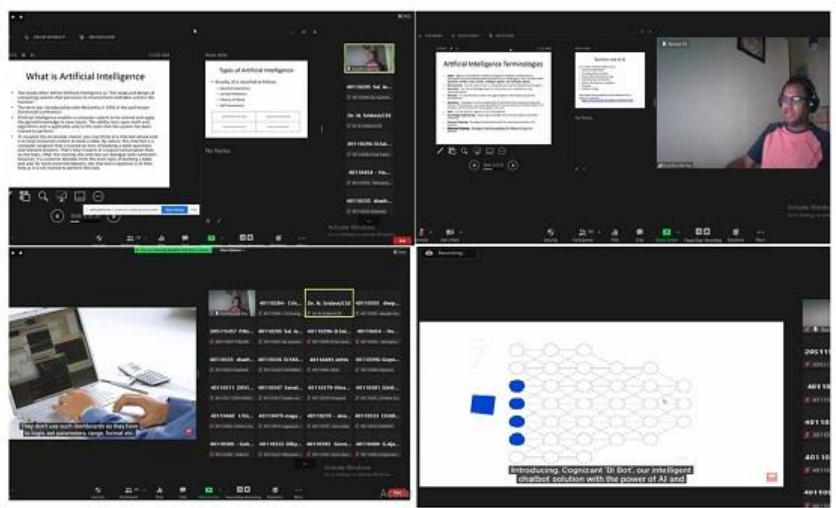
The Department of Computer Science and Engineering, School of Computing in association conducted a Three days Technical workshop on "Artificial Intelligence and Analytics" from July 7, 2021 to July 9, 2021. 300 participants attended the workshop on all three days. The

Guest speaker for the workshop was Mr.Buddha Deb Ray, Senior Developer, Cognizant. The Three days sessions were completely engaged. The Trainer made the students to work on the Tensor Flow with few case studies. The entire Workshop was very informative and the hands-on given for data visualization was interesting. The expert Mr. Buddha Deb Ray - Senior Developer, AI Cognizant, sharing his knowledge on Artificial Intelligence Technologies.

The Department of Computer Science and Engineering, School of Computing in association with iMarticus Learning-Data Science Club conducted a 3 Days Technical workshop. The Guest speaker, Mr.Kumar Sundram, Data Scientist explains the different kind of plots that can be visualized using Tableau.on "Data Visualization using Tableau" from July 14, 2021 to July 16, 2021. Nearly 180 participants nationwide had registered and almost 155 participants attended the workshop on all three days. The Guest speaker for the workshop was Mr.Kumar Sundram, Data Scientist. The Three days sessions were completely engaged.The Trainer made the faculties and students to work on the Tableau tool with few case studies.The entire Workshop was very informative and the hands-on given for data visualization was interesting.

The team named "The Trinity Coders" from the CSE department 2019-2023 batch worked on a project entitled "Detection of Drones from CCTV using Deep Learning" for the Smart India Hackathon 2022 held at ACS College of Engineering, Bengaluru from 25th August to 26th August 2022.

The CSE department students from the 2020-2024 batch successfully participated in the Smart India Hackathon 2022 held at Chandigarh Group of Colleges, Chandigarh from 25th August to 26th August 2022. The team named "Couch Potahtoes" worked on identifying COVID suspects based on symptoms, face mask detection, and crowd monitoring with a built-in attendance

system, all incorporated into a single dashboard. It was built using Flask, OpenCV, and TensorFlow. The temperature was scanned using an IR camera, which was operated using an Arduino board. The whereabouts of the entities are logged for future reference. The experience gained and the lessons learned by the team are invaluable during this event.

Department of CSE organized a One-day workshop on "Offline Workshop Hands on Experience" on August 25th, 2022. The resource person was Mr. Sriram K, Founder, and Director of Security Google VRP Research. This Cybersecurity workshop has prepared the students for real-time security operations. They had carefully crafted this workshop in a way that had helped the students in exploring Cybersecurity in the future.

Department of CSE organized a One-day event on "Diving Deep into Cyber security" on July 8th, 2022 for the CSE students. The resource person was Mr. Sriram Kesavan, Founder and CEO of TG Cyber labs and Mr. Thaya Goviz, Chapter Head, OWASP Thoothukudi. A total of 120 students participated in the event. The speaker gave a speech on Tampering, changing prices on Travel booking sites, and some detailed OSINT. He also showed some live demonstrations of hacking Instagram.

Department of CSE organized a National Level Technical Workshop entitled "TECH VIBHAV'22" on August 26, 2022, at International Research Centre, SIST. The 2020-2024 batch of CSE students from IoT specialization Mr. Pathange Pavan Kumar, Ms. Gowthami Vinod Katkar, and Mr. J. Ramasamy gave tech talks on the current technologies from the Internet of Things domain.

Department of CSE organized an event named SPICE 2K22 (Sathyabama Project Innovation Competition and Exhibition) exclusively for the students on 29th and 30th August 2022. The event contains 2 major competitions 1. Project Mania (Project competition) 2. Techcanvas (poster competition) and students actively participated in these two competitions and the winners were awarded with cash prizes.

Department of CSE organized its very first ethical hacking 24 HRS Cybersecurity competition "Capture the Flag" in association with TG Cyberlabs from 05th to 06th September 2022. Students from various engineering streams actively participated in this competition. The team "Whack Hackerzz" was awarded as the winner (First place) with a cash prize.

PLI Blockathon 2022 is a Hackathon event conducted exclusively for the Blockchain domain, organized in association with Suvik Group of Companies and Plugin from the United Arab Emirates, Humcen Global India was the IPR Partner. This event was a 36 HRS hackathon from September 22nd to 23rd September 2022, students representing various Colleges/Universities across India participated in this event. Out of 600 registrations, 35 projects were shortlisted and the winners were rewarded with Rs.5,00,000/- cash prize, the second place was rewarded with Rs.2,50,000/- and the third prize was Rs.1,00,000/-. Projects rated from 4th to 10th position were rewarded with Rs.50,000/- per team and all participant teams were rewarded with Rs.25,000/- per team.

Department of Computer Science & Engineering organized a one-day workshop on "DIGITAL FORENSICS AND INCIDENT RESPONSE" on Oct 18, 2022, for faculty members and students across the nation. The resource person was Mr. Naveen Kumar, Incident Response Manager, Hong Kong. A total of 78 participants attended this event. Mr. Naveen conducted hands-on sessions on Incident response and highlighted the importance of the domain.
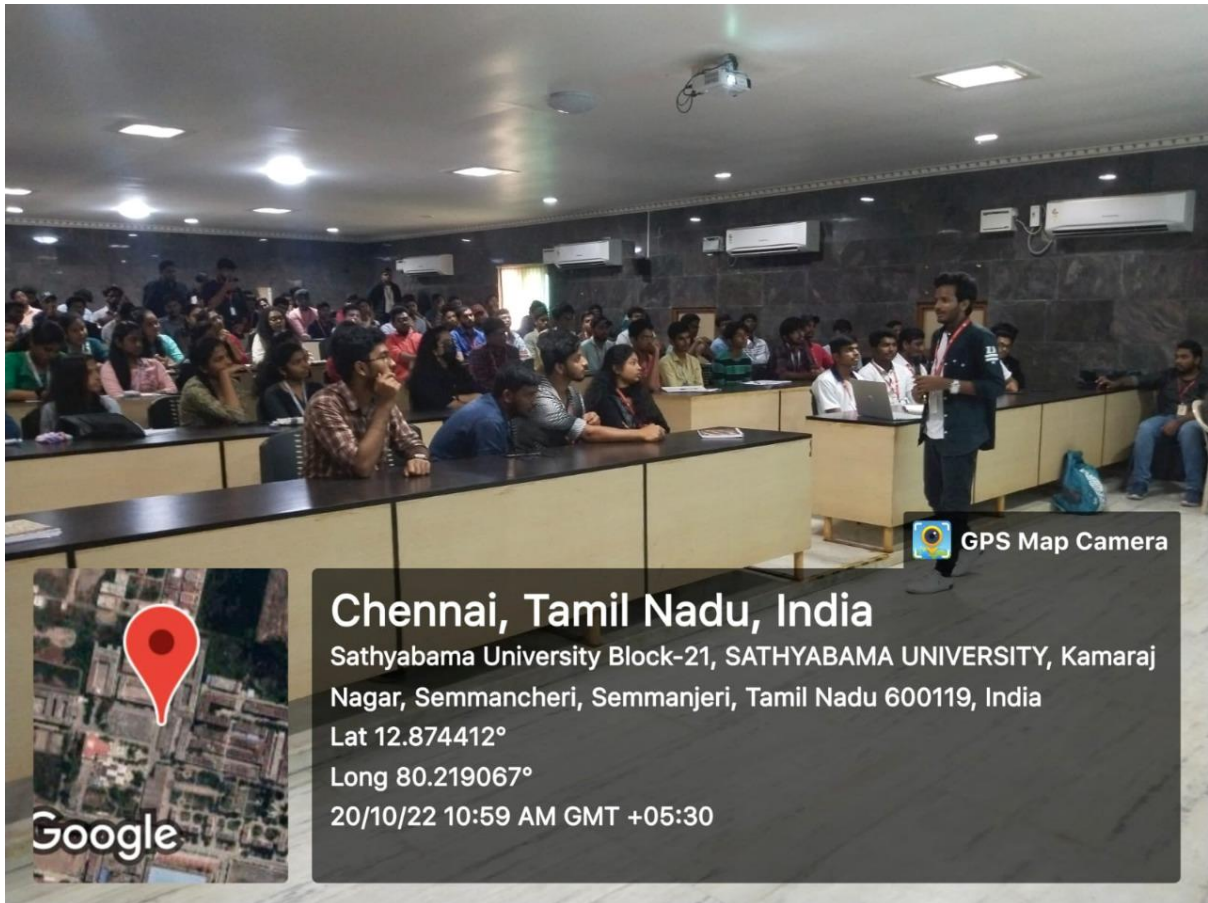
The Department of Computer Science & Engineering organized a one-day seminar on "start-up building" on October 20, 2022, at the mega classroom. The seminar focused on how to build up a start-up with innovative ideas. A total of 114 students from the 1st and 2nd years of the CSE department attended this event. The overall session was motivating for the students who are interested in taking a business opportunity.
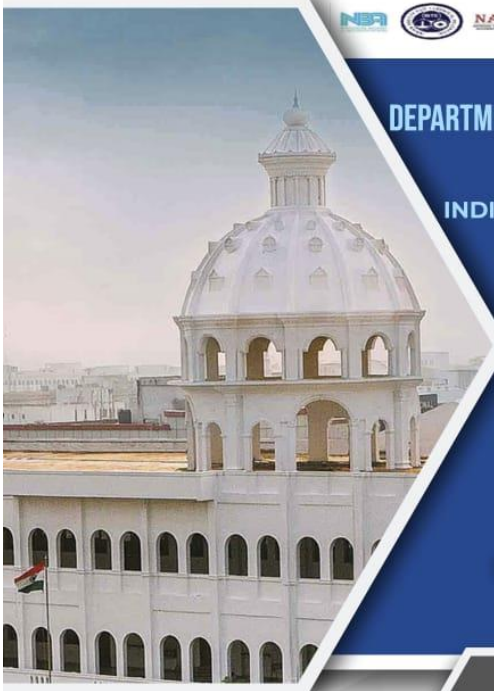
Department of CSE organized a 2 days hands-on workshop on "Applied Artificial Intelligence with MATLAB" from November 2, 2022, to November 3, 2022, for our Second Year CSE students. The resource persons were Mr.Akhil Gopinath, EDu Technical Evangelist from Mathworks, Mr.CH.Ravindar Reddy, and Mr.K.Lokesh, Application Engineer from DesignTech Systems. A total of 130 participants attended this event. Day 1 was conducted online and Day 2 the resource person conducted hands-on sessions on how to work on AI concepts using MATLAB. The students were given instructions to take up the course online and complete their certification in the MATLAB Onramp course.

The Dept. of CSE conducted a one-day student development program on placement (Prep Talks) and quiz (Crack-o-Code) on Python for II-year students. The talk on placement at SIST was delivered by the final-year student. A total of 55 students attended this event.

School of Computing, Department of Computer Science & Engineering in collaboration with Cognibot has organized a Workshop on "Artificial Intelligence & Machine Learning" from 19.10.2022 onwards from 1 PM to 5 PM for both Faulty and Students from CSE & IT Department. Around 60 members are attending this workshop to get more exposure to machine learning and the supercomputing domain.