



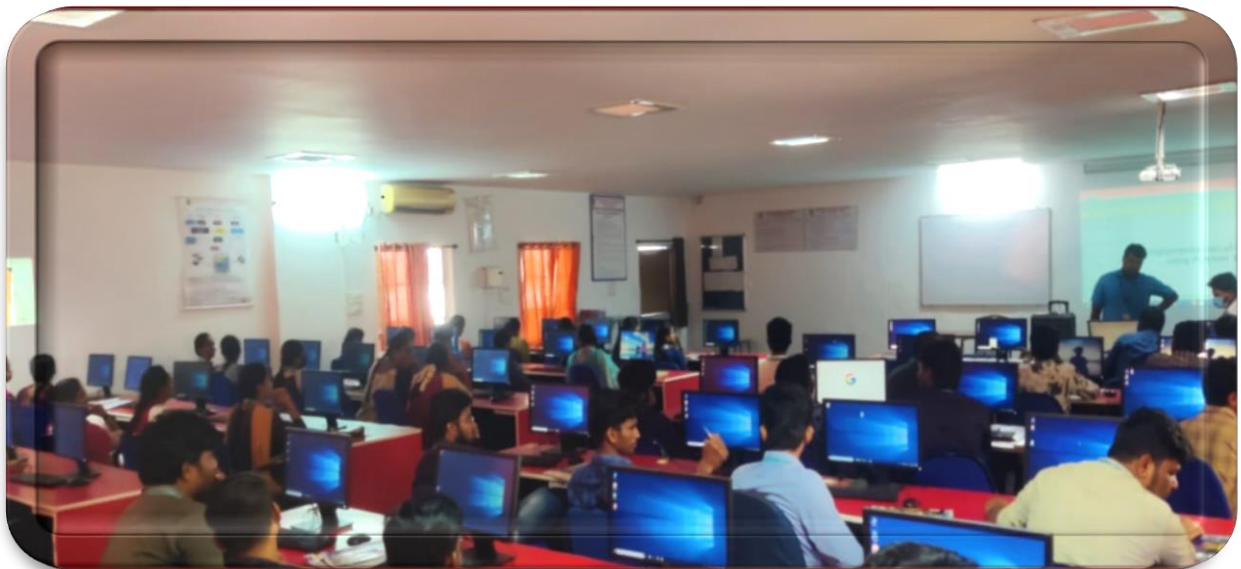
**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES
(AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Departmental Activities for Students

ACADEMIC YEAR: 2019-2020

Department of Computer Science and Engineering organized a National level workshop on “Image Processing Using MATLAB” on 10th July 2019. Mr. K. NAGENDRA, Associate Architect has delivered a lecture in the forenoon session on Image processing. Mr. RAGHAVA REDDY, Team Lead, splendid Tech systems private limited has delivered a lecture in the afternoon session on MATLAB. Dr. D JAGADEESAN, Professor, Department of Computer Science and Engineering acted as convener and Dr. ARTHI M, Associate Professor coordinated the workshop. Around 150 students and 20 faculty members were participated. The workshop provides skills on basic concepts related to image processing with the MATLAB and make the students to learn about the MATLAB simulation tool to implement their innovative project ideas into the effective real time products. They highlighted their idea about how to use MATLAB for simulating the real time image processing and how can we improve the performance of the simulation results. They also discussed the alternative simulation tools available now a days for image processing.

Student participation:



Guest lecture

(Java Full Stack)

Guest lecture was organized by the Department of Computer Science and Engineering on “Java Full Stack” on 20th August 2019. Mr. A. Vamsi Krishna, System Engineer and Mr. RAGHAVA REDDY, Team Lead, Splendid Tech Systems Private Limited had delivered a special lecture on Java, Spring boot, AWS and Mark logic DB. They shared the importance of the programming languages and how to use the tools for the development of the projects. They highlighted the ideas for the students how to use the latest tools. They also delivered a technical knowledge to the students for implementing the real time projects using Java. Dr. J. JEGAN, Associate Professor, Department of Computer Science and Engineering acted as convener and Mr. M. SANDEEP, Associate Professor coordinated the guest lecture. Around 100 students and 15 faculty members were participated.

Student participation:



Seminar

(Internet of Things for beginners with practical approach)

Department of Computer Science and Engineering organized a seminar on “Internet of Things for beginners with practical approach” on 19th October 2019. Mr. R.ARUN, Senior Software Engineer, Infogain and Mr. SAI PRATHAP REDDY, Software Development Engineer delivered a lecture on Internet of Things. They presented their knowledge about the basics of Internet of Things, AWS and focused the role of IoT to the students. They highlighted the practical applications of the Internet of Things in the smart systems. They discussed how the security system also be enhanced with the help of Internet of Things. Around 110 students and 20 faculty members were participated. Dr. J. JEGAN, Associate Professor, Department of Computer Science and Engineering acted as convener and Ms. P. LEELAVATHI, Assistant Professor coordinated the seminar.

Student participation:



Guest lecture

(Android Applications using MIT app)

Guest lecture was organized by the Department of Computer Science and Engineering on “Android Applications using MIT app” on 20th January 2020. Mr. D.HARISH REDDY, Senior Consultant and Mr. REDDI PRASAD REDDY, Senior Software Engineer (FDSE) delivered a lecture on Android applications. They shared the importance of the Android applications and how to develop the Apps for real time problem solving. They also discussed the tools used for the development of the projects. He highlighted the ideas for the students how to use the latest tools for app development. They also delivered a technical knowledge to the students for implementing the real time projects using Android. Dr. D JAGADEESAN, Professor, Department of Computer Science and Engineering acted as convener and Mr. M. ARTHI, Associate Professor coordinated the guest lecture. Around 150 students and 15 faculty members were participated.

Student participation:



Webinar

(Big Data Engineering for Analytics)

Department of Computer Science and Engineering organized a webinar on “Big Data Engineering for Analytics” on 19th February 2020. Mr. Ashok Kumar Mamidi, Sr. Consultant-DW & BI, MSH India private limited, Bangalore delivered a lecture on Big data Engineering. He delivered the emergence of big data in recent years and the requirement of the big data analytics for the future processes in all applications to students. He emphasized the role of big data and the changes need to be done on the programming methodologies utilized to solve the real time issues. He also had shared his knowledge for the implementation of big data projects as in house projects to the students. Around 100 students and 10 faculty members were participated. Dr. D Jagdeesan, Professor, Department of Computer Science and Engineering acted as convener and Mr. Y. Sreeraman, Associate Professor, Department of Computer Science and Engineering coordinated the webinar.

Student participation:

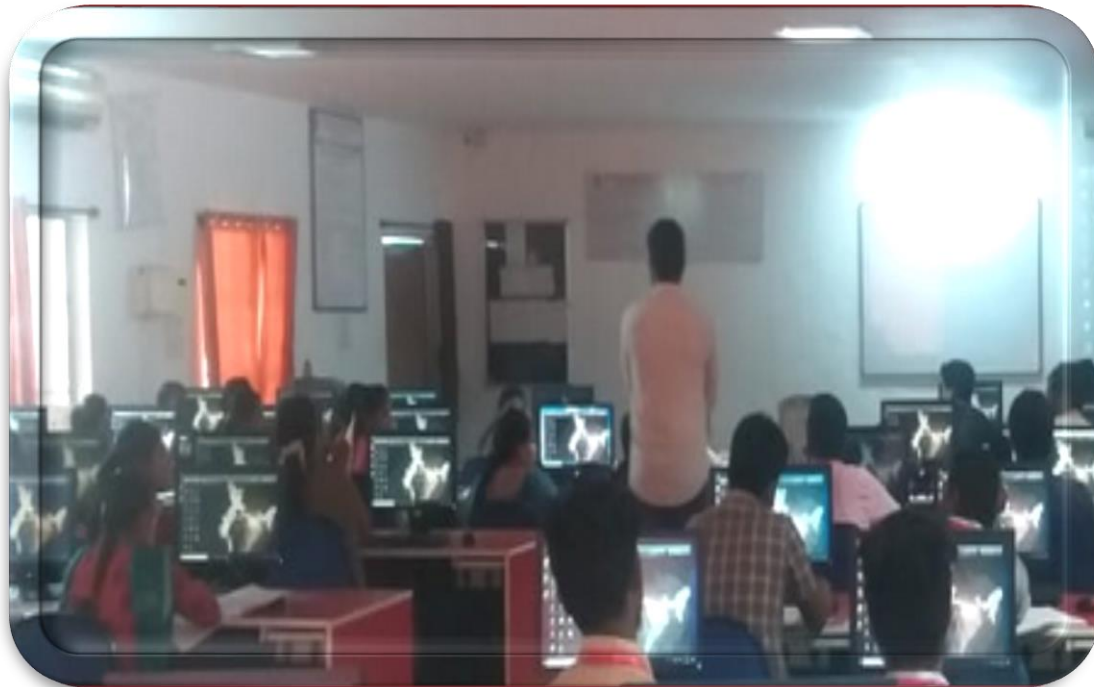


Webinar

(Trends in Artificial Intelligence: A Modern Perspective)

Department of Computer Science and Engineering organized a webinar on “Trends in Artificial Intelligence: A Modern Perspective” on 13th February 2020. Mr. S. Dhanesh, Sr Data Engineer has delivered a lecture on artificial intelligence. He delivered the history and the evolutions of the artificial intelligence. How the artificial intelligence emerged as a powerful tool in recent years. He also discussed the role of artificial intelligence in the automated systems now and in future processes. He emphasized the role of artificial intelligence and its challenges in achieving better performance. He shared his knowledge on how to choose the artificial intelligence methodologies for different real time problems. Around 80 students and 15 faculty members were participated. Dr. D Jagdeesan, Professor, Department of Computer Science and Engineering acted as convener and DR. K. Santhi, Associate Professor, Department of Computer Science and Engineering coordinated the webinar.

Student participation:



Seminar

(Master Machine Learning-An Introductory Guide with MATLAB)

A one day seminar was organized by the Department of Computer Science and Engineering organized on “Master Machine Learning-An Introductory Guide with MATLAB” on 21st February 2020. Mr. CHAKRAVARTHI TAMATAM, Technical Lead, Wallero Technologies, Hyderabad has delivered a lecture on Machine learning in the morning session. Mr.D HARISH REDDY, Senior Consultant, Deloitte Consulting India private limited delivered his lecture on MATLAB in the afternoon session. They shared his experience of using machine learning methodologies in healthcare applications. They also highlighted the importance of the simulation tools in the data science and also the usage of the tools in implementing the projects related to healthcare. Around 90 students and 13 faculty members were participated. Dr. D JAGADEESAN, Professor, Department of Computer Science and Engineering acted as convener and Mr. E. PURUSOTHAM, Assistant Professor, Department of Computer Science and Engineering coordinated the seminar.

Student participation:



Workshop

(Robotics with IoT)

Two days national level workshop was organized by the Department of Computer Science and Engineering on 08th April 2020 and 09th April 2020. Mr. THULASI RAM, Manager, Capgemini has delivered a lecture on “Internet of Things” on 08th April 2020. Ms. N NEEHARIKA, Member Technology, Aptroid Consulting private limited, India has delivered her lecture on “Robotics” on 09th April 2020. Around 150 students and 20 faculty members were participated. Dr. D JAGADEESAN, Professor, Department of Computer Science and Engineering acted as convener and Mr. Y. SREERAMAN, Associate Professor & Mr. E. PURUSOTHAM, Associate Professor coordinated the workshop. The workshop provides information about the internet of things and its emergence in the modern world. It enables the skills of the students to work and implement the projects using internet of things. The guests shared the detail of enabling the robotics with lots of sensor data with the help of internet of things.

Student participation:



SYMPOSIO'19

Department of Computer Science and Engineering organized two days National level technical **Symposium (SYMPOSIO'19)** on 20th August 2019 and 21st August 2019. Dr. J. JEGAN, Associate Professor and Ms. LEELAVATHI. P, Assistant Professor coordinated the Symposium'19. Dr. D. NAGARAJU, HOD, CSE has given an introductory short note on the present scenario in the industry. He suggested the students to grab more knowledge on future technologies in the industries. Dr. P. RAMESH KUMAR, Principal, DR. D. NAGARAJU, HOD, CSE and the few dignitaries have given the note about - **SYMPOSIO'19**. Around 500 students from the department of computer science and engineering participated.

Varieties of events such as paper presentation, Technical quiz, poster presentation, debugging and debate are conducted in Symposium to explore the talents and skills of the students. The paper presentation was coordinated by Dr. S. SIVA KUMAR, Associate Professor and Dr. RAJA RAJESHWARI, Associate Professor, Kingston Engineering College, Vellore acted as event judge for evaluating the students skills in delivering the lecture on the topics like big data analytics, cloud computing and Machine learning on Renewable energy. The technical quiz was coordinated by Dr. G. P. PAVAN, Associate Professor and Mrs. KOKILA .S. Dr. ARTHI. M, Associate Professor acted as event judge for monitoring, evaluating and awarding marks based on the answers the student's team provide.

The poster presentation was coordinated by Dr. K. SANTHI, Associate Professor and it was judged by Dr. D. JAGADEESAN, Associate Professor to verify the quality and innovation of making the posters. Around 15 students participated in designing posters. The debugging event was coordinated by Mr. PURUSHOTHM.E, Associate Professor and judged by Mr. VIVEKANANDAN.T, Associate Professor. The question using various programming languages like C, C++, Java and python was prepared and given for testing the programming skills of the students. The debate event was conducted for the entertainment and also for exploring the student's talents in sharing the knowledge they have about the technological development. Mr. Sandeep, Assistant Professor coordinated the event and Mr. A. SRINIVASAN, Associate professor judged this event.

Student participation:

