



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

Departmental Activities for Students

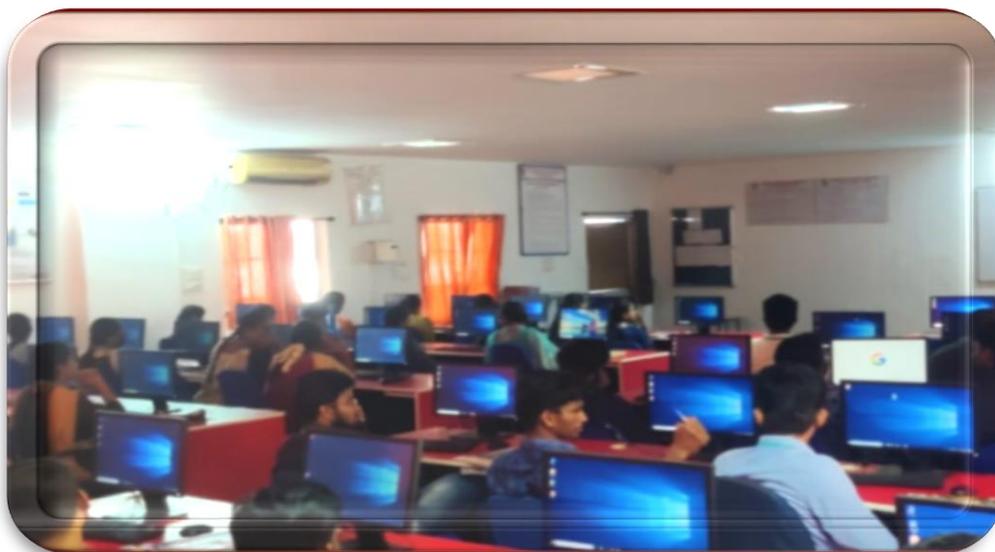
ACADEMIC YEAR: 2021-2022

Guest lecture

(Android Applications)

Guest lecture was organized by the Department of Computer Science and Engineering on 21st October 2021. Ms. A.MEENA, Technology Analyst, Infosys delivered a lecture on “Android Applications”. Mr. K.RAJESH RAJU, Capgemini Technology and Services India Private Limited had delivered a lecture on Mobile App Development. They highlighted the usage of mobile applications and the challenges available in developing those applications. They delivered the modern tools and techniques available for the effective developments and also shared the websites providing the tutorial guidance for the development of mobile android applications. Around 100 students and 20 faculty members were participated. Dr. D. JAGADEESAN, Associate Professor, Department of Computer Science and Engineering acted as convener and Dr. J. JEGAN, Associate Professor coordinated the guest lecture.

Student participation:

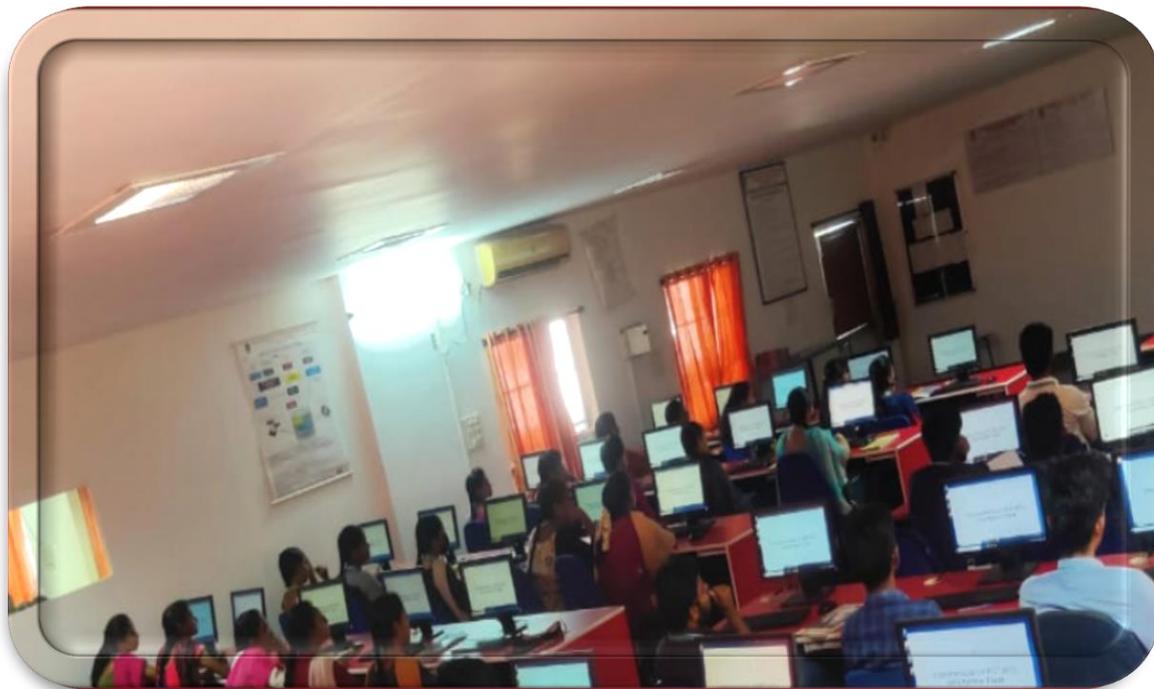


Webinar

(Communication Systems for 5G Applications)

Department of Computer Science and Engineering organized a webinar on “Communication Systems for 5G Applications” on 3rd November 2021. Mr. G SETHU PRASAD, Application Development Analyst, Accenture delivered a lecture on communication systems used in 5G applications. He shared his knowledge on the basics of 5G applications. He also discussed the merits and demerits of using 5G applications. They highlighted the processing of 5G communication systems and the steps taken for establishing the 5G communications in the country. Dr. D JAGDEESAN, Professor, Department of Computer Science and Engineering acted as convener and Mr. SREERAMAN.Y, Assistant Professor, Department of Computer Science and Engineering coordinated the webinar. Around 70 students and 15 faculty members were participated.

Student participation:

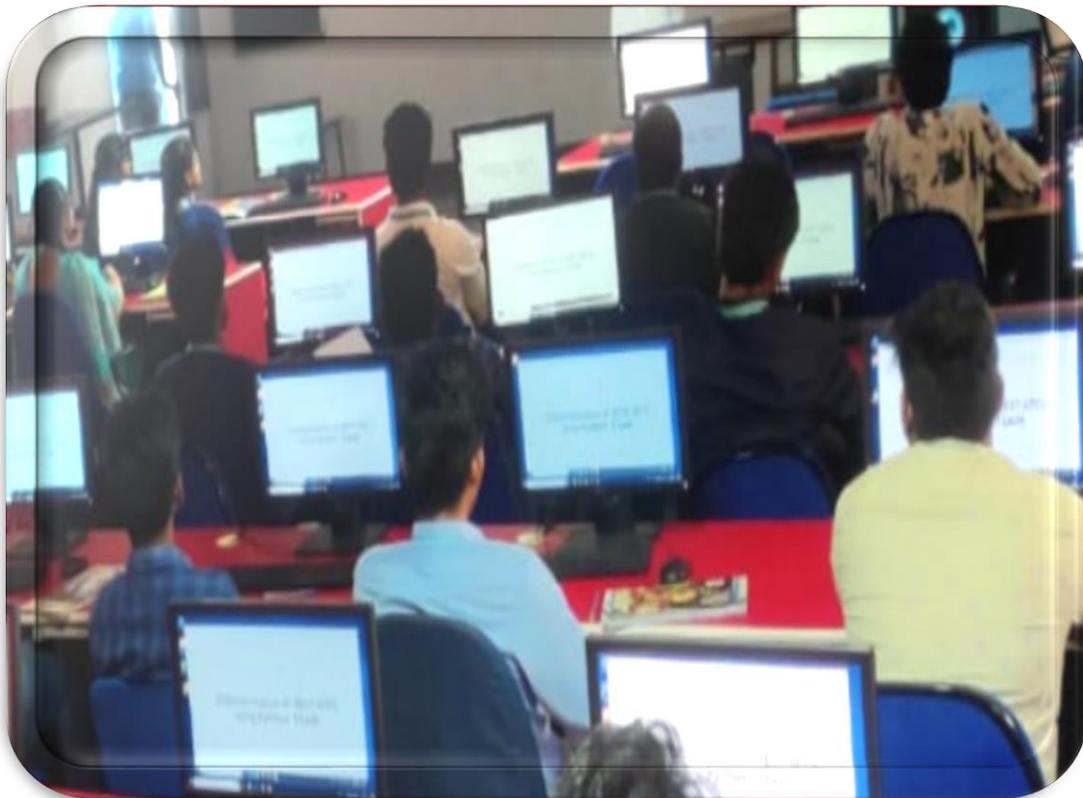


Seminar

(Trending Technologies)

Department of Computer Science and Engineering organized a seminar on “Trending Technologies” on 25th November 2021. Mr. KRISHNA A T, Pre Sales Engineer, Zoho Corporation Private Limited delivered the lecture on Machine learning and deep learning technologies trending now a days in all applications. Mr. Chakravarthi Tamatam, Technical Lead, Wallero Technologies, Hyderabad delivered his speech on the security systems all applications and the technologies in trending like internet of things, cloud computing and cyber security. Around 80 students and 15 faculty members were participated. Dr P.RAJARAJESWARI, Associate Professor, Department of Computer Science and Engineering acted as convener and Mr. SRINIVASAN.A, Associate Professor, Department of Computer Science and Engineering coordinated the seminar.

Student participation:

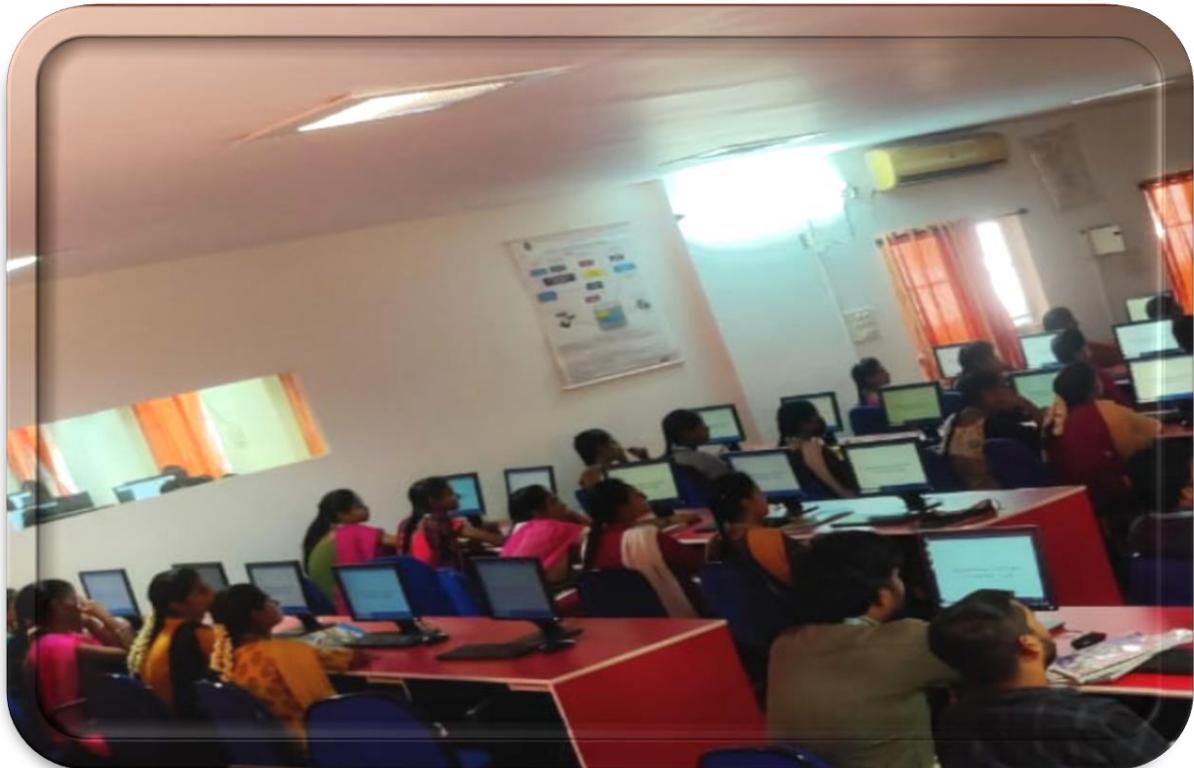


Workshop

(Raspberry PI with OpenCV: Hands on)

Two days national level workshop was organized by the Department of Computer Science and Engineering on 16th December 2021 and 17th December 2021. Mr. S. DHANESH, Senior Data Engineer, Walmart had delivered a lecture on “Raspberry PI”. Mr. G PAVAN PRASAD, Software Engineer shared his knowledge on python and the packages in python. He also delivered the basics of using the OpenCV for real time application development. Mr.G. THULASI RAM, Manager, Capgemini highlighted the ideas using the demonstration of Raspberry PI with OpenCV as hands on. Around 150 students and 22 faculty members were participated. Dr. D. JAGADEESAN, Associate Professor, Department of Computer Science and Engineering acted as convener and Mr. SREERAMAN. Y, Associate Professor coordinated the workshop.

Student participation:

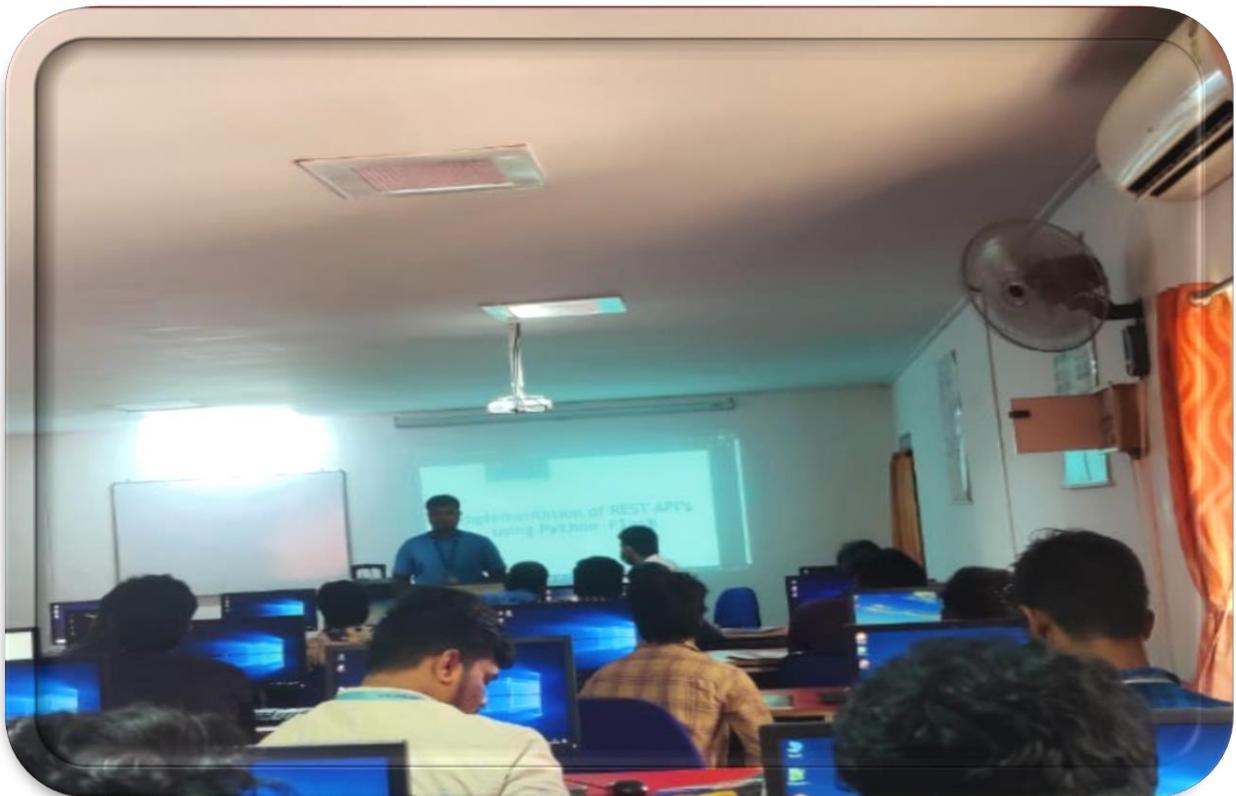


Webinar

(How to Draft Effective Scientific Publications, Patents and Patent Filing)

Department of Computer Science and Engineering organized a webinar on “How to Draft Effective Scientific Publications, Patents and Patent Filing” on 07th January 2022. Mr. G PAVAN PRASAD, Software Engineer delivered his knowledge on drafting scientific publications and patents. He explored the importance of improving the quality publications for an academicians and for students also. They also shared his idea on filling the patents, the steps involved in filling, and publishing the patent in detail. Around 70 students and 15 faculty members were participated. Dr. P.RAJARAJESWARI, Professor, Department of Computer Science and Engineering acted as convener and DR KESAVARAO, Associate Professor, Department of Computer Science and Engineering coordinated the webinar.

Student participation:



Workshop

(ML based Prediction Analysis of Covid Dataset)

Two days national level workshop was organized by the Department of Computer Science and Engineering on 24th February 2022 and 25th February 2022. Mr. R. PAVAN KALYAN, Programmer Analyst, Cognizant Technology Solutions delivered his speech on introduction to machine learning and the methodologies in machine learning on 24th February 2022. Mr. K NAGENDRA, Associate Architect, Virtusa highlighted the importance of machine learning based analysis for Covid dataset and demonstrated the machine learning based prediction analysis of Covid dataset on 25th February 2022. Around 110 students and 12 faculty members were participated. Mr. SRINIVASAN.A, Associate Professor, Department of Computer Science and Engineering acted as convener and Dr KESAVARAO, Associate Professor coordinated the workshop.

Student participation:

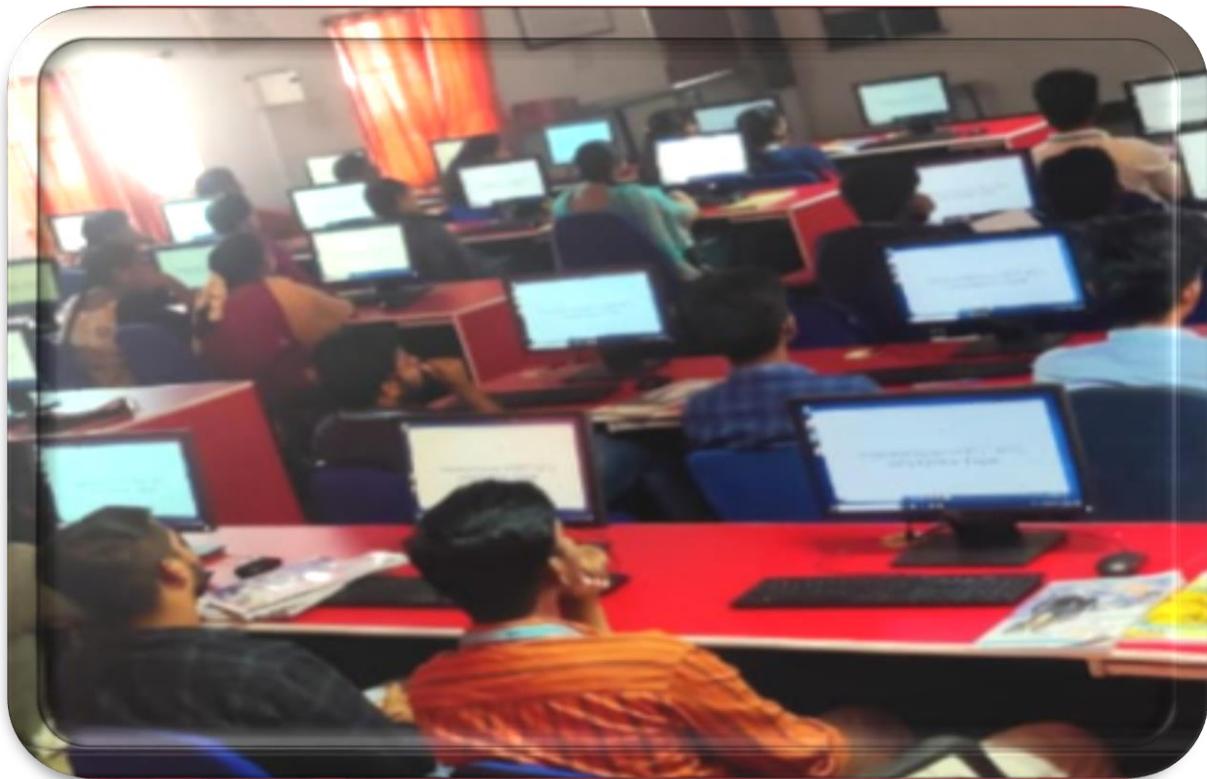


Guest Lecture

(Data-Driven Decision Making Using AI)

Guest lecture was organized by the Department of Computer Science and Engineering on “Data-Driven Decision Making Using AI” on 20th February 2022. Ms. CHANDU PRIYA GOALLA, Technical Test Lead ETL/DW Testing, Accenture and Mr. VAMSI KRISHNA A, Systems Engineer, Tata Consultancy Services delivered a lecture on Artificial Intelligence and Data driven approaches. They shared his knowledge about applying data driven approaches for large scale businesses for improving the business performance. The data driven approaches aids the business analyst to take right decision towards the improvement of business. Around 90 students and 10 faculty members were participated. Mr. SRINIVASAN.A, Associate Professor, Department of Computer Science and Engineering acted as convener and DR KESAVARAO, Associate Professor coordinated the guest lecture.

Student participation:

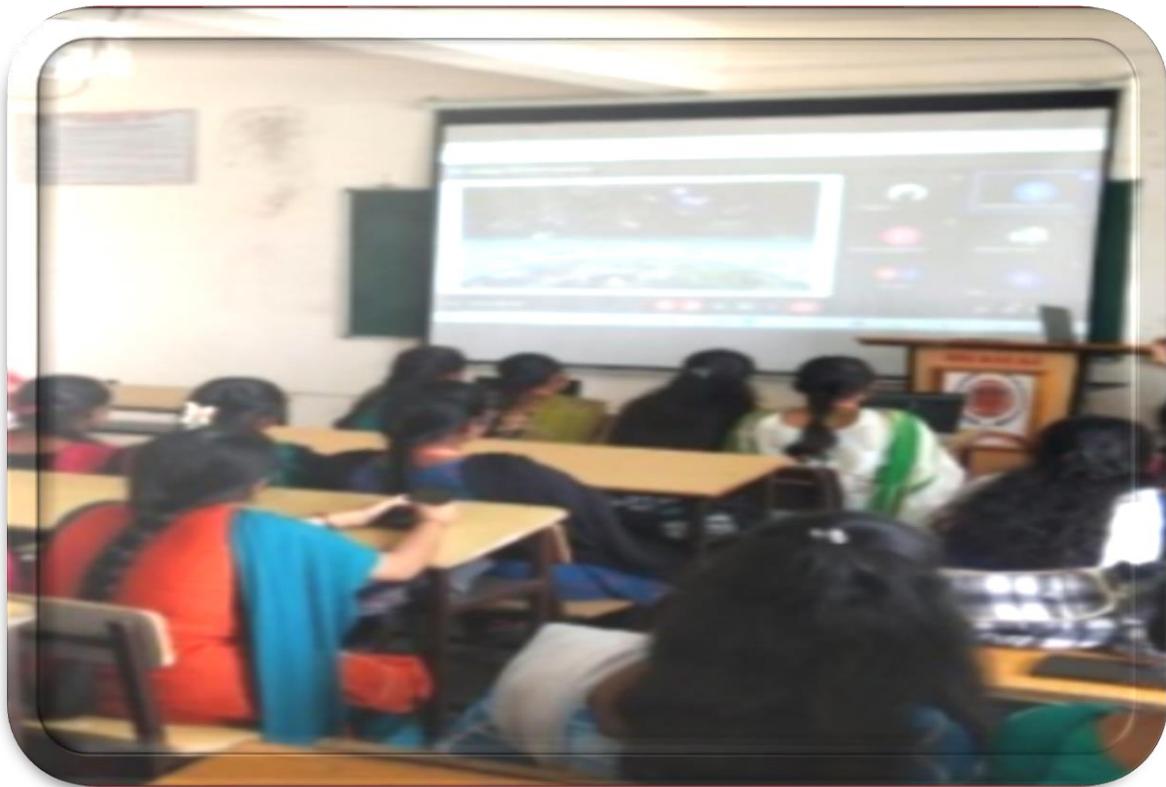


Seminar

(Cyber Security Foundations & Practices)

Department of Computer Science and Engineering organized a seminar on “Cyber Security Foundations & Practices” on 10th March 2022. Mr. MAHESH ADAPA, Lead Software Engineer, Societe Generale Global Solution Center, Bangalore and Mr. O. SAI PRATHAP REDDY, Advisor, Software Development Engineering, Fiserv had delivered a lecture on cyber security and its practices. The highlighted the emergence and importance of cyber security in modern digital era. They shared his knowledge in facing the challenges in digital world using the cyber security. Around 85 students and 15 faculty members were participated. Mr. SREERAMAN.Y, Associate Professor, Department of Computer Science and Engineering acted as convener and Mr. SRINIVASAN.A, Associate Professor coordinated the seminar.

Student participation:



Techspurtz 2k22

Department of Computer Science and Engineering organized a two days national level technical **Symposium (Techspurtz 2k22)** on 09th March 2022 and 11th March 2022. DR .SARASWATHI, Associate Professor and Mr. PURUSHOTHAM.E, Associate Professor coordinated the **Techspurtz 2k22**. Dr. D. JAGADEESAN , 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 .RAMESH P, Principal, Dr. D.JAGADEESAN , HOD, CSE and the few dignitaries have given the note about - **Techspurtz 2k22**. Around 400 students from the department of computer science and engineering participated the symposium.

Varieties of technical events such Technostrom, Humblebarg, Coderush, Is Cryptographer and non-technical events such as Tech Click, KCG Explorer, Meme Coders events are conducted in Symposium to explore the talents and skills of the students. The paper presentation (Technostrom) was coordinated by Dr.kesavaRao, Associate Professor and Dr .T.Vivekanandan, Associate Professor, Sri Venkateswara College of Engineering and Technology, R.V.S Nagar, Andhra Pradesh acted as event judge for evaluating the students skills in delivering the lecture on the topics like cyber security, big data analytics, machine learning and deep learning.

The technical quiz (Humblebarg) was coordinated by Mrs.S.Lakshmi, Assistant Professor and Mr.A.Srinivasan, Associate Professor acted as event judge for monitoring, evaluating and awarding marks based on the answers the student's team provide. The code debugging (Coderush) event was coordinated by Mr.Diviya, Assistant Professor and judged by Dr. Raja Rajeswari, Associate Professor. The questions using various programming languages like Java, C++ and python was prepared and given for testing the programming skills of the students.

The Is Cryptogrher event was coordinated by Mrs. G.vedavathi, Assistant Professor and it was judged by Mrs.P.Leelavathi, Assistant Professor to test the computer security knowledge on students and to award prizes for the students. The non-technical event Tech Click was coordinated by Mr.G.Vekatesh, Assistant Professor and it was judged by Mr.Sreeraman, Associate Professor. The kCG Explorer event was coordinated by Mr. Vijayakumar, Assistant Professor and it was

judged by Mr.M.Sandeep, Assistant Professor. The Meme Coder non-technical event was coordinated by Mrs Gouthami, Assistant Professor and it was judged by Mr.Vekatesan, Assistant Professor.

Student participation:

