



Newsletter

2020-2021
(EVEN)

Institute Vision

To create an excellent teaching and learning environment for our staff and students to realize their full potential . To enhance the self-confidence level for developing creative skills of staffs and students

Institute Mission

To transform our institution into quality technical education centre impacting updated technical knowledge with character building.

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EDITOR IN CHIEF

Dr.R. Geetha

EDITORIAL MEMBER

Mr. C. Balakrishnan

COMPUTER SCIENCE AND ENGINEERING

Dr.R.Geetha
Professor & HoD

VISION :

To conceive our department as Centre of Academic Excellence by catering quality education with ethical standards

MISSION :

- To create a conducive atmosphere to achieve active professionalism by fortifying academic proficiency with ethical standards.
- To enhance the confidence level to develop sustainable solution to upgrade the society forever.
- To empower the students with prerequisite professional skills for enhancing employability and entrepreneurship, continuing education and research.



PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) :

PEO I : Graduates shall have professional competency in the field of Computer Science and Engineering for pursuing higher education, research or as entrepreneurs.

PEO II : Graduates shall work in a business environment with ethical standards, leadership qualities and communication necessary for engineering principles.

PEO III : Graduates shall adapt to emerging technologies and respond to the challenges of the environment and society forever.

GUEST LECTURE

Storage area Networks & RAID

- The guest lecture about "Storage area Networks & RAID" was held on 13.03.2021 for II-year students.
- The lecture was delivered by Mr.S.Prabhu, Engineer Technical Service, Infy, Bangalore,
- The lecture helped the students to gain knowledge of recent development in storage area networks and RAID.



S.A. ENGINEERING COLLEGE
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Organizes
GUEST LECTURE
ON
STORAGE AREA NETWORKS AND RAID

Date:13.3.2021 @9.00AM

Resource Person:
Mr.S.Prabhu,
Engineer Technical
Service,Infosys,Bangalore,
Contact number:9884611077

Participants: II CSE (A,B& C-165 Students)

Power BI Demo

- The guest lecture about the "Power BI Demo" was held on 13.03.2021 for III-year students of the CSE department.
- The lecture was delivered by Mr. Jomesh Joseph Veliyath ICT Technical Trainer Datec (PNG) Limited, Port Moresby South Pacific.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Organizes
GUEST LECTURE
ON
POWER BI DEMO

Date:13.3.2021 at 11.00AM

Resource Person:
Mr.Jomesh Joseph Veliyath,
ICT Technical Trainer,
Datec(PNG) Limited, Port Moresby,
South Pacific.

Participants: III CSE (A,B& C-165 Students)

Career Guidance

- The guest lecture about "Career Guidance" was held on 13.03.2021 for IV-year students.
- The lecture was delivered by Mr.Richard Carol Danabalan, Senior Executive, Reserve Bank, Chennai.
- The lecture helped the students in making adequate educational and occupational choices and in the making career decisions based on the demand and requirements of the future of work and their career



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Organizes
GUEST LECTURE
ON
Career Guidance

Date:13.3.2021 at 11.30AM

Resource Person:
Mr.Ricad Carol Danabalan,
Senior Executive,
Reserve Bank,Chennai.

Participants: IV CSE (A,B& C-165 Students)

"Success is no accident. It is hard work, perseverance, learning, studying, sacrifice, and most of all, love of what you are doing or learning to do."

Role of Software Agents in AI

- The guest lecture about the "Role of Software Agents in AI" was held on 29.03.2021 for III-year students of the CSE department.
- The lecture was delivered by Mr. Ahamed Khalid, B.E, PGDBM 11M B, Vice President, Imarticus Learning.
- The lecture helped the students to understand the software agents that play a vital role in the development and research fields of AI and its evolutionary steps beyond conventional computer programs.

24 YEARS OF EXCELLENCE

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Poonamallee-Avadi Road, Veeraghavapuram, Thiruverkadu, Chennai - 600 877.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROUDLY ORGANIZES

GUEST LECTURE ON
ROLE OF SOFTWARE AGENTS IN AI

RESOURCE PERSON:
Mr. Ahamed Khalid,
B.E., PGDBM IIM B,
Vice President,
Imarticus Learning.

29-03-21
@2.30pm

Participants : III YEAR (A,B& C-165 Students)

Yoga and Stress Management

- The guest lecture on "Yoga and Stress Management" was held on 01.04.2021 for IV-year students of the CSE department.
- The lecture was delivered by Mr. Sh Nischal Kapoor National Youth Coordinator H.H Shri Mataji Nirmala Devi Sahajayoga Trust Qutab Institutional Area New Delhi – 110016

24 YEARS OF EXCELLENCE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ORGANIZES

GUEST LECTURE ON
YOGA AND STRESS MANAGEMENT

RESOURCE PERSON:
Mr.Nischal Kapoor
National Youth Coordinator,
H.H Shri Mataji Nirmala
Devi Sahajayoga Trust
Qutab Institutional Area
Newdelhi-110016
Date:01.04.2021 @11.00am

Participants : IV YEAR (A,B& C-165 Students)

Multicore Architecture

- The guest lecture about "Multicore Architecture" was held on 10.04.2021 for II-year students.
- The lecture was delivered by Mr. A.Surendran, Senior Software Engineer, Capgemini, Chennai.
- The lecture helped the students to understand the future of multicore architecture and its advantages.
- This guest lecture underlined the need of opting multicore architecture as a way of improving the system's performance for the organization's own benefit.

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"MULTICORE ARCHITECTURE"

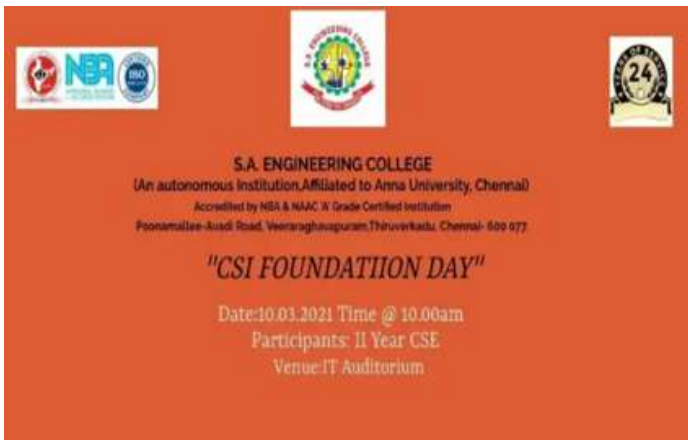
Date:10.04.2021 Time @ 10.00am
Participants: II Year CSE
Venue:IT Auditorium

Resource Person:
Mr.A.Surendran
Senior software Engineer
Capgemini,Chennai.

"Success is no accident. It is hard work, perseverance, learning, studying, sacrifice, and most of all, love of what you are doing or learning to do."

HACKATHON

CSI Foundation Day



- The department of CSE conducted 'CSI Foundation Day' on 10.03.2021 at 10 am in IT Auditorium, at SA Engineering College.
- The event started with invocation and lighting the traditional lamp, 'Dr. R. Geetha, HOD, CSE' welcomed the gathering and started the hackathon with a warm welcome.
- More than 40 events were well organized and conducted.
- Technical and Non Technical events like 'Debugging, Web Design, Technical quiz, Poster Design, Project Display' etc were conducted successfully.

WORKSHOP

DoS/DDoS Attack and Trace Back System

- The 'Dos/DDos attack and Traceback system' workshop was conducted on 12.03.2021 in IT Auditorium, at SA Engineering College by the department of CSE.

- The 'Dos/DDos attack and Traceback system' workshop was conducted on 12.03.2021 at IT Auditorium, at SA Engineering College by the department of CSE.
- Nearly 165 II-year students from CSE, as well as other department students of our college, were gathered as the audience.
- The aim of the workshop is to ensure to gain knowledge about the Trace back system and DoS/DDoS attack that happens in daily life via the internet.



VALUE ADDED COURSE

AI and Robotics (II year)

- The CSE department organized 'AI and Robotics VAC for all II-year students of the CSE department.
- The main objective and aim are to equip the students with current technologies and to reduce the gap between academics and industry.
- The course was organized from 01.02.2021 to 30.05.2021.

- At the end of this course, the students were able to understand the basics of AI and able to construct and implement some basic Robotics using Arduino.

AI and Robotics (III year)

- The CSE department organized 'AI and Robotics' VAC for all III year students of the CSE department.
- The main objective and aim are to equip the students with current technologies and to reduce gap between academics and industry.
- The course was organized from 01.02.2021 to 30.05.2021.
- At the end of this course, the students were able to construct advanced Robotics using Raspberry Pi and able to integrate with sensors and AI.



R&D

Club Activities

- SPICES support to Student Club Activities/ Chapter/Society for S.A. Engineering College during the 2020-2021 academic year.

- This was conducted under the scheme for promoting Interests, Creativity, and Ethics among students.
- SPICES provided a fund of 1,00,000 for this scheme,
- This enabled the students to develop a sense of unity and teamwork, learning how to work with others in reaching the same goals.
- It also helped the students to recognize and bring out their innovative and engineering skills.
- The students are pushed outside of their comfort zone and encouraged to find creative skills that help them to learn new things apart from academics.
- New and advanced technologies were introduced in the club to enhance the students with respect to the industrial aspects.

Conference

- AICTE sponsored conference for S.A-Engineering College during the 2020 - 2021 academic year.
- This was under the scheme "Grant for Organizing Conference" (GOC) of AICTE.
- AICTE provided a fund for our college. This allowed the promotion of high standards in technical education by the way of extending opportunities to academicians and working professionals by providing a forum for sharing their knowledge, innovations, and inventions.
- This helps students to gain awareness of the recent developments in the field, novel ideas for impact on the UG/ PG student projects, and ideas to create a roadmap for upcoming projects and possibilities for opening new avenues for research.

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Poonamalle-Avadi Main Road, Veeraraghavapuram, Thiruverkadu, Chennai - 600 077

Phone:2690 1999 / 1499

Fax: 2680 1899

www.saec.ac.in

email : saec@saec.ac.in



- Oprah

"Follow your passion. It will lead you to your purpose."