



COMPUTER SCIENCE AND ENGINEERING

THE FISTIAN's CAMPAIGN

College Vision :-

- To establish ourselves as a leading technological institution.

College Mission :-

- To provide professional, constructive and learner centered education.
- To make learners contribute to the development of the nation through academic and industrial excellence.
- To encourage learners involve in innovative researches with ethics.
- To produce competitive and confident graduates to face the ever growing challenges of the labour market.

Department Vision :-

- To become a leading hub in the field of Computer Engineering.

Department Mission :-

- To provide a strong theoretical and practical knowledge Emphasizing on software developments.
- To encourage autonomous learning, foster interactions and establish partnership with renowned Software industries.
- To inculcate soft skills, leadership qualities and innovative research skills with ethical values

HOD's MESSAGE :-

- Education is not an act of acquiring knowledge but learning a skill to lead life and forming one's personality. This is an ennobling process of growth. The Department strives hard to inculcate thought process among students in innovating through Research and product development in niche areas of Data science, Artificial Intelligence, Computer vision, Internet of Things and Network Security. I am happy to note that we the Department of Computer Science & Engineering is coming out with our First Monthly Newsletter. The Newsletter is presenting a glimpse of the growth of the Department on many fronts. I congratulate all the faculties for their commitment towards the provision of excellent all round education for our students. I also wish them to move forward with confidence, pride and enthusiasm.
- I wish good luck to the entire team of editors and look forward for your kind patronage to our newsletter.



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DEPARTMENT & COLLEGE ACTIVITIES

OUR DEPARTMENT ORGANISED A WORKSHOP ON CYBER SECURITY ON 19.04.2023 WITH RESOURCE PERSON Mr.HARIHARASUDHAN

Mr.R.SUDHARSAN PILLAI , NATIONAL HEAD ,LIVEWIRE , CHENNAI HANDLED A SEMINAR ON BLOCKCHAIN TECHNOLOGY ON 28.04.2023

Ms.BAVITHRA III CSE HAS WON THE SECOND PRIZE IN DISTRICT LEVEL ELOCUTION COMPETITION CONDUCTED BY THE TAMILNADU GOVERNMENT STATE MINORITIES COMMISSION AT THENI AND WILL BE RECEIVING A CASH PROZE OF RS.10,000 FROM OUR HONOURABLE CHIEF MINISTER Mr.M.STALIN

MR.S.MUKILAN III CSE, Mr.M.MADAVAN IV CSE AND Mr.TENSEKUMAR III CSE WON FIRST PRIZE IN VORTEX-BOEING HACKATHON CONDUCTED IN NATIONAL ENGINEERING COLLEGE, TRICHY

COLLEGE ACTIVITIES SNAP'S





DEPT. OF CSE



THE FISTIAN'S CAMPAIGN CSE NEWSLETTER

Staff's Activities:-

- OUR DEPARTMENT FACULTIES ATTENDED THE WORKSHOP ON CYBER SECURITY ON 19.04.2023 WITH RESOURCE PERSON Mr.HARIHARASUDHAN AND A SEMINAR WITH Mr.R.SUDHARSAN PILLAI , NATIONAL HEAD ,LIVEWIRE , CHENNAI HANDLED A SEMINAR ON BLOCKCHAIN TECHNOLOGY ON 28.04.2023

Student's Activities: -

- OUR DEPARTMENT III YEAR AND IV YEAR STUDENTS ATTENDED THE WORKSHOP ON CYBER SECURITY ON 19.04.2023 WITH RESOURCE PERSON Mr.HARIHARASUDHAN AND A SEMINAR WITH Mr.R.SUDHARSAN PILLAI , NATIONAL HEAD ,LIVEWIRE , CHENNAI HANDLED A SEMINAR ON BLOCKCHAIN TECHNOLOGY ON 28.04.2023
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Placement:-

- OUR DEPARTMENT IV STUDENTS 17 MEMBERS ATTENDING INTERNSHIP IN COMPANIES LIKE SECURE KLOUD, M&S, CUBENSQUARE , JETHIRE

Future Plans :-

- OUR DEPARTMENT PLANNED FOR INDUSTRIAL VISIT TO SPECTRUM INFOTECH , TRIVANDRUM , INFOSYS CAMPUS IN MYSORE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

GLIMPSE ON TECH UPDATE- APRIL



SpaceX Starship Launch: A Spectacular Explosion and an Ominous Future

Elon Musk's SpaceX suffered a significant setback as its Starship rocket exploded just moments after takeoff. Despite failing to achieve orbit, the doomed launch still provided critical lessons for the private spaceflight company as it aims to make interplanetary travel a reality. The explosive failure underscores the immense risks and challenges involved in space exploration, leaving many wondering whether SpaceX can ultimately achieve its ambitious goals

April 20, 2023

Using a high-powered laser, scientists at NASA were able to simulate heat from a solar energy concentrator and melt the lunar soil simulant within a carbothermal reactor developed by Sierra Space Corp.

Aaron Paz, a NASA senior engineer, commented that the efficacy of the technology would greatly help and sustain the settlement of the human race on the moon. The carbothermal reduction has been utilized for decades on Earth to make products such as solar panels by employing high temperatures to produce carbon monoxide or dioxide.

To use the same method to produce oxygen on the moon, a carbothermal reactor must maintain pressure and prevent gases from escaping into space while enabling lunar material to move in and out of the reaction zone. Operating the reactor in a vacuum atmosphere during the CaRD test approximated lunar surface conditions and raised the reactor's technical readiness level.

April 26, 2023

Editor in Chief- Mr.MATHALAI RAJ HOD/CSE

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