SANTHIRAM
ENGINEERING COLLEGE (AUTONOMOUS)

Approved by AICTE, New Delhi, Permanently Affiliated to
JNT University, Ananthapuramu.
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CSE CHRONICLE

THE CSE DEPARTMENT NEWSLETTER

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Building Technology Driven Future





Dr. M.V. Subramanyam

Principal
Santhiram Engineering College

MESSAGE FROM THE PRINCIPAL

I am happy to present the latest edition of CSE CHRONICLE, the newsletter of the Department of Computer Science and Engineering. This newsletter reflects the steadfast commitment of our students and faculty towards excellence in academics, research, innovation and co-curricular activities. I appreciate the department for providing a platform to showcase their initiatives and achievements. I congratulate the editorial team and thank all the contributors for their efforts in bringing out this edition. I wish CSE CHRONICLE greater success in the future.



Dr. S. Md. Farooq

Professor & HoD
Department of Computer Science & Engineering

MESSAGE FROM THE HEAD OF THE DEPARTMENT

It is a privilege to present this edition of CSE CHRONICLE – The CSE Newsletter, which highlights the academic progress, technical initiatives, research contributions and co-curricular activities of our department. The department continuously strives to nurture student talent, encourage innovation and provide exposure to emerging technologies. I congratulate our students and faculty for their continued hard work and achievements. I also appreciate the editorial team for their dedication in compiling this newsletter. I hope CSE CHRONICLE will continue to inspire and motivate our students towards a brighter future.



CSE CHRONICLE

THE CSE NEWS LETTER



CSE DEPARTMENT
At a Glance

JULY - SEPTEMBER 2023

Learn | Innovate | Build a Better Tomorrow



04 PROGRAMS CONDUCTED

14 FACULTY FDP PARTICIPATIONS

07 RESOURCE PERSONS

PROGRAMS CONDUCTED

01 Three-Day Training Program on Internet of Things (IoT)

01 One Week FDP on Cloud Infrastructure (AWS)

01 One Week Training Program on Essentials of C Language

01 Webinar on Role of AI and ML in Robotics

FACULTY FDP PARTICIPATION

- Machine Learning Algorithms and its Applications - 1
- Data Science and Its Applications - 1
- Cloud Infrastructure (AWS) - 12

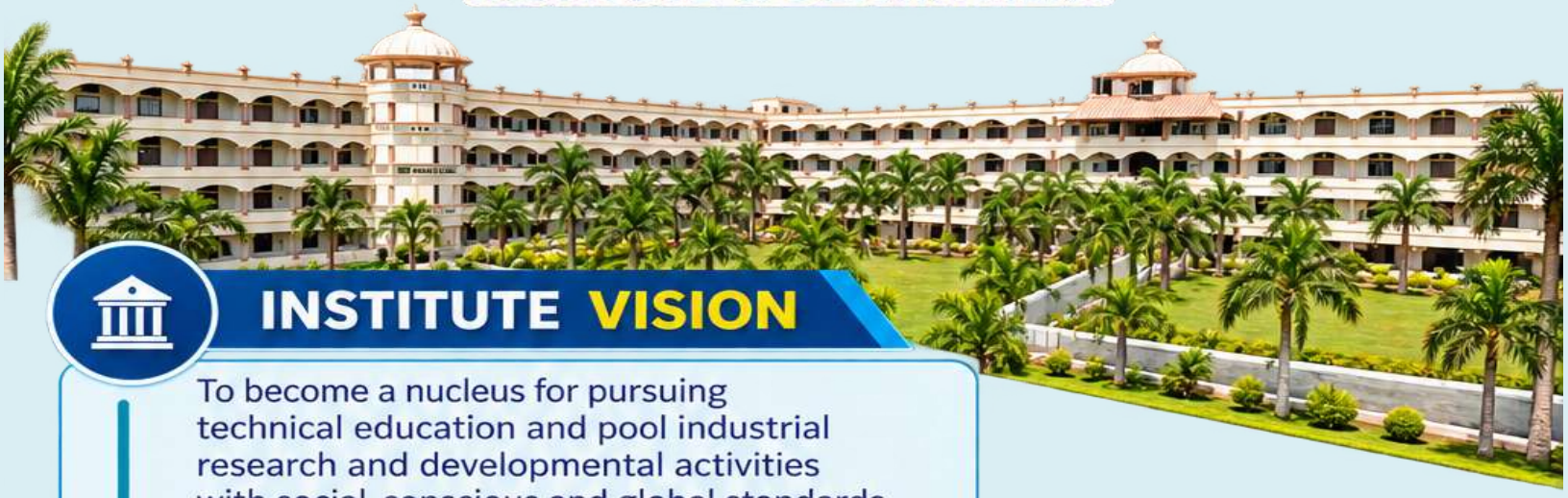
Total **14**

RESOURCE PERSONS INVOLVED **07**

Key Highlight : 4 Department Programs • 14 Faculty FDP Participations • 7 Resource Persons

VISION & MISSION

INSTITUTE & DEPARTMENT



INSTITUTE VISION

To become a nucleus for pursuing technical education and pool industrial research and developmental activities with social-conscious and global standards.

INSTITUTE MISSION

01 To provide Advanced Educational Programs and prepare students to achieve success and take leading roles in their chosen fields of specialization by arising a self-sustained University.

02 To establish postgraduate programs in the current and Advanced Technologies.

03 To establish an R&D Consultancy through developing Industry Institute Interaction, building up exceptional infrastructure.

04 To propel every individual, realize and act for the technical development of the society.

DEPARTMENT VISION

To become a center for quality education in the field of Computer Science & Engineering and to create competent professionals.



DEPARTMENT MISSION

01 To provide academic ambience and latest software tools to prepare competent Software Engineers with strong theoretical and practical knowledge.

02 To foster professionalism and strong work ethics in students for the betterment of society.

03 To provide adequate infrastructure as well as experienced & skilled faculty members.

04 To encourage the spirit of entrepreneurship and adaptability in our students in view of the ever-changing scenario of the Software Industry.

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DEPARTMENT PROFILE
COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2023 - 2024

01 ESTABLISHMENT & INTAKE

The Department of Computer Science and Engineering was established in **2007** with the commencement of the four-year **B.Tech** programme in Computer Science and Engineering, with an initial intake of **60 students**. In response to the growing demand for Computer Science and Engineering professionals, the intake has been progressively increased to **210 students** in **2023**.



02 FACULTY STRENGTH & EXPERTISE

The Department is supported by **25** highly qualified and dedicated faculty members with expertise in diverse domains, including **Computer Networks**, **Data Mining**, **Network Security**, **Cloud Computing**, and **Artificial Intelligence**. The Department continues to strengthen its academic, industry, and research expertise while providing a supportive environment that promotes professional development and research growth.



03 INDUSTRY INTERACTION & ASSOCIATIONS

The Department maintains strong industry interactions and professional collaborations with organizations such as **IEEE, IE, and ISTE**, fostering research collaboration and facilitating regular academic interactions among faculty and students.

IEEE | THE INSTITUTION OF ENGINEERS (INDIA) IE | ISTE

04 INFRASTRUCTURE & FACILITIES

The Department is equipped with well-established computer laboratories supported by a comprehensive range of software resources. A network of **350 computers** with internet connectivity supports teaching, research, and administrative activities. Additional facilities include projectors for interactive learning and seminars, **UPS** systems for uninterrupted power supply, and air-conditioned laboratories, providing a conducive environment for effective teaching, learning, and research.

- 350 Networked Computers
- Internet Connectivity
- Projectors for Interactive Learning
- Air-Conditioned Laboratories
- UPS for Uninterrupted Power Supply





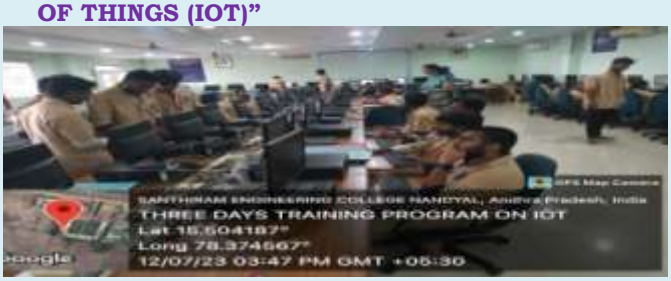
05 OUR COMMITMENT

With a strong foundation in academics, industry collaboration, research, and advanced infrastructure, the Department of Computer Science and Engineering remains committed to nurturing innovative, industry-ready professionals and empowering students to excel in the rapidly evolving world of technology.



PROGRAMMS CONDUCTED:

1. THREE DAY TRAINING PROGRAM ON "INTERNET OF THINGS (IOT)"



Three day training program on Internet of Thing (IOT) was conducted from 11-07-2023 to 13-07-2023. Mr. Ch .RaviTeja, MTech, Testing Engineer, Silicon Touch Technologies, Vijayawada and Mr.V.Srinivas, MBA,Service Engineer, Silicon Touch Technologies, Vijayawada were acted as a resource persons for this program.

2. NATIONAL LEVEL ONE WEEK FACULTY DEVELOPMENT PROGRAM ON CLOUD INFRASTRUCTURE (AWS)



National Level One Week Faculty Development Program on Cloud Infrastructure (AWS) was conducted in association with Brain O Vision Solutions Private Ltd., AICTE and IEEE Student Chapter STB-17901 from 21-08-2023 to 25-08-2023. Mrs.YasaswiSurabhi acted as a resource person for this program

3. ONE WEEK TRAINING PROGRAM ON "ESSENTIALS OF C LANGUAGE FOR SOFTWARE DEVELOPMENT"



One Week Training program on "Essentials of C Language for Software Development" was conducted in Association with IEEE, IE(I), ISTE, IQAC from 04-09-2023 To 09-09-2023. Mr Prince, Mr Satish, Mr Karthik from SMART Institute acted as a resource persons for this program

4. A WEBINAR ON ROLE OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING IN ROBOTICS



A webinar on "Role of Artificial Intelligence and Machine Learning in Robotics" was conducted in association with IEEE RAS Student branch chapter-17901A on 21-09-2023. Mr.S.Sai Lakshman, Software Engineer-III, JP Morgan Chase & Co. Texas acted as a resource person for this program

FACULTY FDP'S:

- Mrs.V. Lakshmi Chaitanya was participated in online FDP on "Machine Learning Algorithms and its Applications" organized by Department of CSE, G. Pulla Reddy Engineering College (Autonomous), Kurnool from 10-07-2023 to 14-07-2023.
- Mrs.V. Lakshmi Chaitanya was participated in Three Day Online Faculty Development Program on "Data Science and Its Applications" organized by Bapatla Engineering College :: Bapatla(Autonomous) Department of Cyber Security and Data Science
- Following faculty members were participated in One National Level Week FDP on Cloud Infrastructure (AWS) organized by SREC in Association with BRAINOVISION and AICTE from 21.08.2023 to 25.08.2023.
  - Dr.S.Md.Farooq, Professor Department of CSE,SREC
  - Mr.S.Md. Riyaz Naik, Assistant Professor Department of CSE,SREC
  - Mr.P. Bhaskar, Assistant Professor Department of CSE,SREC
  - Mr.S.Nagendrudu, Assistant Professor Department of CSE,SREC
  - Mr.M. Amareswara Kumar, Assistant Professor Department of CSE,SREC
  - Mr.K.V.Sai Phani, Assistant Professor Department of CSE,SREC
  - Mrs.V.LakshmiChaitanya ,Assistant Professor Department of CSE,SREC
  - Mrs.M.Sharmila Devi, Assistant Professor Department of CSE,SREC
  - Mrs.B.Swarajya Lakshmi, Assistant Professor Department of CSE,SREC
  - Mr.P.Subbarao , Assistant Professor Department of CSE,SREC
  - Mrs.M.Anusha, Assistant Professor Department of CSE,SREC
  - Mr.S.Shahinsha, Assistant Professor Department of CSE, SREC