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 CHRONICLE NEWSLETTER

Department Glance

OCTOBER - DECEMBER 2023

LEARN
INNOVATE
COLLABORATE
GROW



06 EVENTS CONDUCTED

11 RESOURCE PERSONS INVOLVED

05 FACULTY FDP / WORKSHOP PARTICIPATIONS

01 JOURNAL / CONFERENCE PUBLICATION

06 STUDENT ACHIEVEMENTS

200 INTERNSHIPS COMPLETED

PROGRAMS CONDUCTED — Total : 6

1	One Week Workshop on Python Full Stack	16-10-2023 to 19-10-2023
2	Webinar on Industrial Robotics	17-10-2023
3	Alumni Talk on Problem Solving Skills	31-10-2023
4	Career Guidance Program on How to get a Job in MAANG (Meta, Amazon, Apple, Netflix, Google)	31-10-2023
5	Fresher's Day	12-11-2023
6	Department Club Activity	18-11-2023

FACULTY ACTIVITIES — Total : 6

Journal / Conference Publication — **01**

- Published in Journal of Image and Graphics (Scopus Indexed)

FDP / Workshop Participations — **05**

- Thesis Writing – 1
- NVIDIA Jetson Ambassador Workshop – 2
- AICTE ATAL FDP on Artificial Intelligence – 2

STUDENT ACHIEVEMENTS — Total : 6

02 Essay Writing Competition (State Level)
(1 First Place, 1 Second Place)

01 Essay Writing Competition (District Level)
(1 First Place)

01 Football Tournament
(Second Place)

01 National Level Hand Ball Selection
(Selected)

INTERNSHIPS COMPLETED BY STUDENTS — Total : 200

179 AICTE Internship

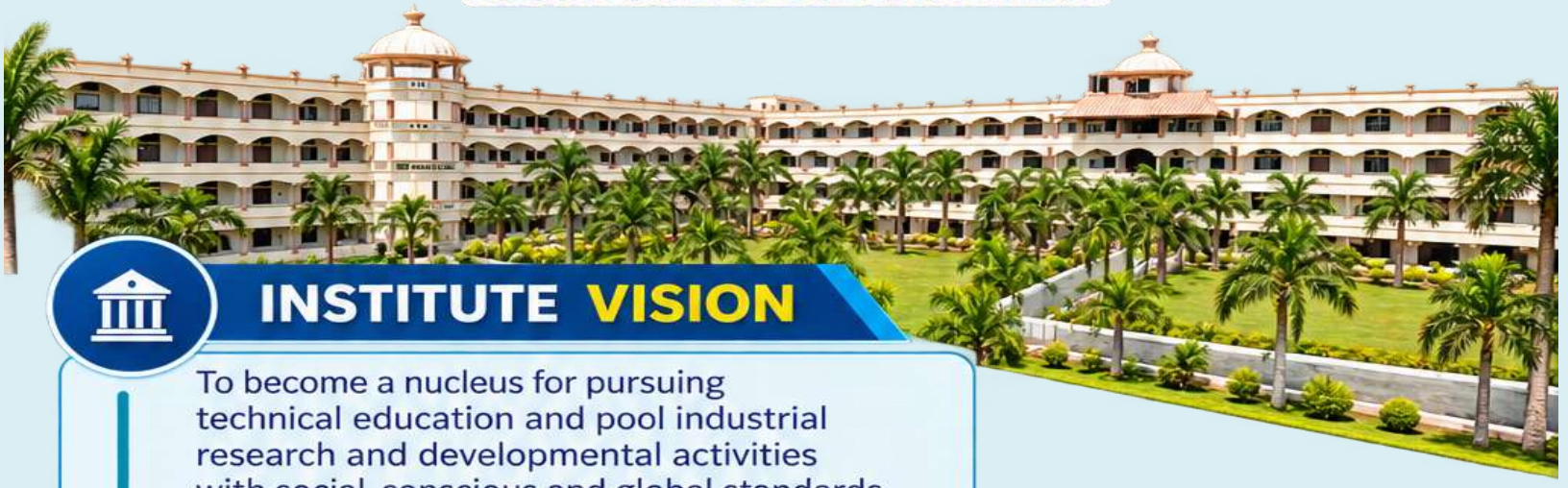
08 APSCHE Internship

06 Brain O Vision Solutions Pvt. Ltd.

07 MNP Software Solutions Pvt. Ltd.

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.



PROGRAMS CONDUCTED:

1. ONE WEEK WORKSHOP ON PYTHON FULL STACK



One week workshop on "**python Full stack "** was conducted in association with brain-o-vision and ISTE student chapter from 16-10-2023 to 19-10-2023. B. Vijay Kumar, Senior technical head, Brain-O-Vision acted as a resource person for this program.

2. A WEBINAR ON INDUSTRIAL ROBOTICS



A Webinar on "Industrial Robotics" was conducted in association with ISTE Student chapter on 17-10-2023. Mr.S.Sai Lakshman, Software Engineer-III, JP Morgan Chase & Co. Texas acted as a resource person for this program.

3. AN ALUMNI TALK ON "PROBLEM SOLVING SKILLS"



An Alumni Talk on "Problem Solving Skills" was conducted in association with IE(I) Student chapter on 31-10-2023. Mr.S.Sai Lakshman, Software Engineer-III, JP Morgan Chase & Co. Texas acted as a resource person for this program.

4. A CAREER GUIDANCE PROGRAM ON HOW TO GET A JOB IN MAANG (META, AMAZON, APPLE, NETFLIX, GOOGLE)



A career guidance program on "How to get a job in MAANG (Meta,Amazon,Apple,Netflix,Google)" was conducted in association with IEEE RAS Student branch chapter-17901A on 31-10-2023. Mr.S.Sai Lakshman, Software Engineer-III, JP Morgan Chase & Co. Texas acted as a resource person for this program.

5.FRESHERS DAY



Fresher's day party conducted on 12-11-2023.

6. DEPARTMENT CLUB ACTIVITY



Department club activity conducted on 18 -11-2023.

FACULTY JOURNALS/CONFERENCES:

- Mrs.N.Rama Devi, Associate Professor Department of CSE published a technical paper titled "Residual Neural Networks for Human Action Recognition from RGB-D Videos" in Journal of Image and Graphics , Volume 11,Issue 04, Dec 2023 with ISSN 2301-3699 indexed in Scopus.

FACULTY ATTENDED FDP/WORKSHOPS :

- Mrs.N.Ramadevi, Associate Professor, participated in Three Week National Level Online Workshop on "THESIS Writing "organized by ESSGEE DIGISKILLS from 30-10-2023 to 14-11-2023.
- Mr.P. Bhaskar, Assistant Professor participated in "NVIDIA Jetson Ambassador Workshop" organized by Bangalore office at NVIDIA Graphics India Pvt Ltd from 29-11-2023 to 01-12-2023.
- Mrs.M.Sharmila Devi, Assistant Professor participated in "NVIDIA Jetson Ambassador Workshop" organized by Bangalore office at NVIDIA Graphics India Pvt Ltd from 29-11-2023 to 01-12-2023.
- Following Faculty members were participated in One Week AICTE Training And Learning (ATAL) Academy Faculty Development Program on Artificial Intelligence from 16-10-2023 to 21-10-2023 which is held at RGM college of Engineering & Technology.
  - Dr.S.Md.Farooq, Professor Department of CSE,SREC
  - Mr.P. Bhaskar, Assistant Professor Department of CSE,SREC

STUDENT ACHIEVEMENTS:

- Ms. CHATLA MANJULA RANI(21X51A0518) third year CSE participated and **secured first place** in SRI SATHYA SAI STATE LEVEL ESSAY WRITING COMPETITION-2023 organized by SRI SATHYA SAI SEVA ORGANISATIONS Nandyal on 01-12-2023.
- Ms.SUGALI SAI SUDHA(22X51A05E1) second year CSE participated and **secured second place** in SRI SATHYA SAI STATE LEVEL ESSAY WRITING

- COMPETITION-2023 organized by SRI SATHYA SAI SEVA ORGANISATIONS Nandyal on 01-12-2023.
- Ms. CHATLA MANJULA RANI(21X51A0518) third year CSE participated and **secured first place** in SRI SATHYA SAI DISTRICT LEVEL ESSAY WRITING COMPETITION-2023 organized by SRI SATHYA SAI SEVA ORGANISATIONS Nandyal on 01-12-2023.
- Mr. N SHARATH CHANDRA REDDY (21X51A0587) second year CSE and Mr. DONTALA RAKESH (21X51A0523) third year CSE participated and **secured second place** in Nandyal football Association Festive Football Tournament at nandyal from 29-12-2023 to 31-12-2023.
- Mr. CHADUVULA SRINIVASA REDDY (21X51A0516) third year CSE selected in National Level Hand Ball selections which was held at Pulivendula JNTU College on 31-12-2023.
- 179 students were completed AICTE internship
- 8 students were completed APSCHE internship
- 6 students were completed internship in BRAIN O VISION SOLUTIONS PVT.LTD.
- 7 students were completed internship in MNP SOFTWARE SOLUTIONS PVT LTD.