SANTHIRAM
ENGINEERING COLLEGE (AUTONOMOUS)

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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 2023-24

DEPARTMENT GLANCE | JANUARY - MARCH 2024

Department of Computer Science & Engineering

PROGRAMS CONDUCTED

3

2-day Workshop on Dark Patterns
Intra College Hackathon (Round 2)
2-day Portfolio Website

STUDENT ACHIEVEMENTS

2

Achievement highlights reported in the newsletter

TECHNICAL SYMPOSIUMS

2

AMOGHA RIPPLE-2K24
SIGMA-2K24

STUDENT PRIZES

4

1 paper presentation prize
3 SIGMA-2K24 prizes

INDUSTRY / ACADEMIC MOUs

3

63 SATS
DATA Flair
LINTA Technologies

FACULTY ACHIEVEMENTS

3

Award / Reviewer / Mentor recognition entries

FACULTY FDP / WORKSHOP ENTRIES

8

8 faculty entries listed in the Jan-Mar newsletter table

MENTORS IN DPBH 2023

6

Faculty members named in the Certificate of Appreciation entry

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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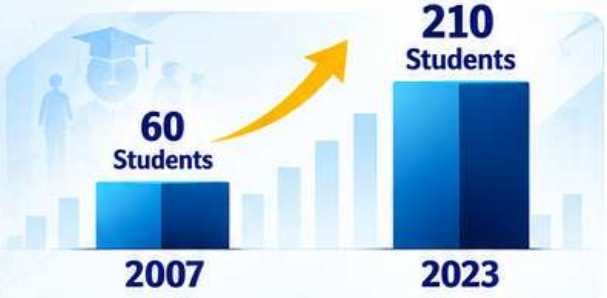
DEPARTMENT PROFILE
COMPUTER SCIENCE AND ENGINEERING

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. A TWO DAY WORKSHOP ON DARK PATTERNS



The Department of CSE organized a Two Day Workshop from 24th to 25th January, 2024. Mr.V.Pavan Kumar, Senior Technical Head, Brain O Vision Solutions India Pvt. Ltd acted as a resource person for this program. Understanding Dark Patterns, Prevention and Ethical Design were the key concepts

2. INTRA COLLEGE HACKATHON (ROUND 2) as DPBH-2023



The department of CSE Organized a INTRA COLLEGE HACKATHON (ROUND 2) as DPBH-2023 was organized on 30th January 2024

3.A TWO DAY WORKSHOP ON BUILDING A PORTFOLIO WEBSITE



The Department of CSE in association with IIICon conducted a Two day workshop on PORTFOLIO Website from 27th to 28th February 2024. Mr.P.Durga Prasad Reddy, CTO of LINTA Technologies acted as resource person.

STUDENT ACHIEVEMENTS:

- Three teams were shortlisted for Grand Finale of the Dark Patterns Buster Hackathon which was held from 16th to 18th February 2024 in DPBH- 2023 at IIT(BHU),Varanasi.
- M GEETHA, K ANOOSHA , A ALEKHYA, M.RESHMA secured first prize in IEEE Project Preliminary Round on 04th March, 2024 in YESIST12-2024.

TECHNICAL SYMPOSIUMS

Students' participation and prizes in National Level Technical Symposiums:

- AMOGHA RIPPLE-2K24 organised by RGMCET on 26th , 27th March, 2024. K Sri Kala of II-II sem won 2nd Prize in paper presentation.
- SIGMA-2K24 organized by SREC on 15th, 16th March, 2024.
- K. Srikala,K. Jyothsna secured first prize in paper presentation
- P. Sairanga secured second prize in the crack the code
- S.Harini & M.Akshya secured first prize in Ideathon.

DEPARTMENT ACHIEVEMENTS:

Department has entered an MOU with the following companies with period of 5 years

- 63 SATS on 06.02.2024
- DATA Flair on 15.02.2024
- LINTA Technologies, Tamilnadu on 7.02.2024

FACULTY ACHIEVEMENTS:

- Dr.S.Md.Farooq received Student Mentorship and Development Award on 2-3-2024
- Dr.S.Md.Farooq act as Reviwer for Journal "Indian Journal of Information Sources and Services" on 1-2-2024
- Mrs.M.Sharmila Devi,Mrs.V.Lakshmi Chaitanya,Mr.J.David Sukeerthi kumar ,Dr.S.Md.Farooq,Mr.M.Amareswara Kumar,Mrs.N.Rama Devi received Certificate of Appreciation for being Mentor in DPBH 2023.

FACULTY ATTENDED FDP/WORKSHOPS

- . Lakshmi Chaitanya attended a 5-day STTP on “An Unlocking Industry Insights in Data Science” from 12-02-2024 to 16-02-2024, organized by Madanapalle Institute of Technology & Science, Madanapalle.
- V. Lakshmi Chaitanya attended a 5-day FDP on “Python Programming with Django Framework for Building Web Applications” from 12-02-2024 to 16-02-2024, organized by CMR Engineering College, Hyderabad.
- M. Anusha attended a 5-day FDP on “Python Programming with Django Framework” from 12-02-2024 to 16-02-2024, organized by CMR Engineering College, Hyderabad.
- M. Anusha attended a 5-day FDP on “Unlocking Industry Insights in Data Science” from 12-02-2024 to 16-02-2024, organized by MITS, Madanapalle.
- S. Nazia Banu attended a one-week FDP on “An Unlocking Industry Insights in Data Science” from 12-02-2024 to 16-03-2024, organized by Madanapalle Institute of Technology and Science.
- S. Nazia Banu participated in a one-day webinar on “Applications of Python in Education System” on 27-03-2024, organized by Santhiram Engineering College.
- M. Sharmila Devi attended a 5-day STTP on “Unlocking Industry Insights in Data Science” from 12-02-2024 to 16-02-2024, organized by the Department of Computer Science & Engineering (Data Science), Madanapalle Institute of Technology & Science, Madanapalle.
- M. Sharmila Devi participated in a one-day Awareness Program on “Awareness on Intellectual Property Rights (IPR)” on 28-03-2024, organized by the National Intellectual Property Awareness Mission (NIPAM).
- Mr. P. Bhaskar attended a 5-day FDP on “FDP on Python Programming with Django Framework for Building Web Applications” from 12-02-2024 to 16-02-2024, organized by CMR Engineering College, Hyderabad.
- B. Swarajya Lakshmi attended a 5-day FDP on “Emerging Tools & Techniques in Cloud Computing & Data Science” from 19-02-2024 to 24-02-2024, organized by Narsimha Reddy Engineering College, Hyderabad.
- Manjula Jayamma attended a 5-day FDP on “Unlocking Industry Insights in Data Science” from 12-02-2024 to 16-02-2022, organized by Madanapalle Institute of Technology and Science.
- Manjula Jayamma attended a five-day FDP on “Unlocking Industry Insights in Data Science” from 12-02-2024 to 16-02-2024, organized by Madanapalle Institute of Technology and Science.
- Paradesi Subba Rao attended a one-week FDP on “Unlocking Industry Insights in Data Science” from 12-02-2024 to 16-02-2024, organized by Madanapalle Institute of Technology and Science, Madanapalle.
- Paradesi Subba Rao attended a 12-week FDP on “Data Analytics with Python” from 20-01-2024 to 20-04-2024, organized by NPTEL.