

CSE PULSE

Department of
Computer Science and Engineering

Newsletter Jan–Feb 2024



NALLA NARASIMHA REDDY
Education Society's Group of Institutions - Integrated Campus
(UGC AUTONOMOUS INSTITUTION)



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Editorial Board

<u>Name</u>	<u>Designation</u>	<u>Role</u>	<u>Department</u>
Mr. K. Sairam	Asst. Professor	Chief Editor	CSE
Mrs. P. Shanthi Priya	Assoc. Professor	Editor	CSE
Mrs. S. Radhika	Asst. Professor	Editor	CSE
Mr. S. Naveen	Student	Coordinator	III-CSE
Ms. Vaishnavi	Student	Coordinator	IV-IT
Mr. G. Sai Sathvik	Student	Coordinator	III-CSE
Mr. D. Omkara Krishna	Student	Coordinator	III-CSE (AIML)
Ms. P. Harshavardhini	Student	Coordinator	III-CSE (DS)
Ms. T. Harshitha	Student	Coordinator	III-IT

VISION & MISSION OF THE INSTITUTE**VISION**

To be a premier institution ensuring globally competent and ethically strong professionals.

MISSION

1. To provide higher education by refining the traditional methods of teaching to make globally competent professionals.
2. To impart quality education by providing the state of the art infrastructure and innovative research facilities.
3. To practice and promote high standards of professional ethics, transparency, and accountability.

VISION & MISSION OF THE DEPARTMENT**VISION**

To be a center of excellence for creative and innovative Computer Science and Engineering graduates with strong programming skills, research, and industry-ready for building value-based society.

MISSION

1. Imparting the quality technical education through an effective teaching – learning process for producing global competent IT professionals with moral values.
2. Providing the state of the art infrastructure and ICT for Continuous innovative learning and research.
3. Undertake collaboration & Internship with industry to produce industry-ready graduates.

ABOUT THE DEPARTMENT

The department of Computer Science and Engineering was established in the year 2009. The growth of the Department of Computer Science & Engineering is taking strides in strength and in facilities every year. The blooming department is headed by Dr. K. Rameshwaraiiah.

The Department is known for its reputed faculty having expertise in diverse fields. The students are primarily trained here to leverage computer software and hardware efficiently to provide them with a Bachelor's Degree in Computer Science. The students of the department actively participate in co-curricular and extra-curricular activities. Tech Samprathi is an informal association of students and faculty of CSE. It conducts various technical events to benefit students in academic and technical skills.

The teaching staff members are dedicated and determined to learn new things and never hesitate to give their best at all the times. Department has 6 computer centers for UG students and 1 Elite Research and Development center apart from labs provided for other branches. All the computers in computer centers are connected via LAN.

The Department is known for its eminent faculty having expertise in diverse fields. The students are primarily trained here to leverage computer software and hardware efficiently.

The main motto of the Department is to bridge the gap between industry and institution and produce industry required tailor-made engineers.

SALIENT FEATURES:

Intake

The growth of the Department is taking strides in strengths and facilities every year.

- The Department offers a four-year course of Bachelors Degree B.Tech in Computer Science and Engineering with an intake of 180 seats.
- The Department offers a four-year course of Bachelors Degree B. Tech. in CSE (Data Science) as an aligned course with an intake of 60 seats was established in the year 2021.
- The Department offers a four-year course for Bachelors Degree B. Tech. in CSE (Artificial Intelligence & Machine Learning) as an aligned course with an intake of 120 seats was established in the year 2021.

Accreditations

- The department is accredited by the National Board of Accreditation (NBA) in the years 2018 & 2021.

Infrastructure

Department tailors industry required computer professionals to bridge the technological gap between Academia and Industry. It instigates the latest innovations in the new era of the world of computer science and the faculty enthusiastically involves in imparting programming roots of various technologies. Computer science and engineering comprise a total of nine computer labs with more than 400 high-end systems with software recommended by JNTUH and AICTE. UG & PG students are enforced to practice all the lab sessions in a LINUX environment.

Faculty

The teaching staff members are dedicated and determined to learn new things and never hesitate to give their best at all times. The department contains more than 40 faculty members including Professors, Associate Professors, and Assistant Professors. In addition to teaching faculty, we have non-faculty and system administrators. Department has 9 computer centers for UG students and 1 Elite Research and Development center apart from labs provided for other branches. All the computers in computer centers are connected via LAN.

The teaching staff members are dedicated and determined to learn new Technologies, update their subject knowledge, and to give their best all the time. The department enforced association with professional societies like IEEE, CSI, ISTE, etc.

The department of CSE is having an academic alliance with ORACLE Academy, VM Ware, and DELL EMC.

FACULTY ACHIEVEMENTS

Journal & Conference

- Mrs. P. Santhi Priya published patent "Portable Oxygen Generator Machine", Published With Grant, in January 2024
- Mrs. S. Radhika published paper "Utilizing Machine Learning To Spot and Recognize Phishing Websites", in IRJMETS, in January 2024
- Mr. Dr. S. Sree Hari Raju published paper "Security & Privacy Concern of Mobile Cloud Computing", in ICASP-2024, in Feb-24
- Mr. Dr. V. Goutham published paper "Hybrid Grasshopper Whale Optimization Algorithm Based on Faster Recurrent Convolution Neural Network for Intrusion Detection System in Internet of Things", in EASCT, in Jan-24
- Mrs. M. Sonia published paper "Android Malware Detection Using Genetic Algorithm Based Optimized Feature Selection and Machine Learning", in ICCIML (Springer), in Feb-24

Books

- Mrs. A. Prashanthi published book on "Cyber Security (Edition First Edition)", in Techno Publishers, ISBN:978-81-955080-5-1
- Mrs. A. Prashanthi, Mrs. K. Jayasri, Mrs. N. Shravani published book on "Network Security strategies for robust and resilient security", in Indo-continental academic publishers, ISBN:978-81-965203-3-5
- Mrs. A. Prashanthi, Ms. V. Rani Sailaja published book on "Cloud Computing Demystified", in Well Tech International Publishers house, ISBN:978-81-965459-2-5

Workshops / FDP's Attended

- Mrs. V. Indrani, has attended FDP on "Industry 5.0: A Paradigm shift towards circular economy" conducted by ISTE, from 19th - 24th Feb 2024
- Mrs. Rani Sailaja, has attended FDP on "Deep Learning Solutions in Healthcare" conducted by CBIT, Hyd, from 19th - 23rd Feb 2024
- Mrs. A. Prashanthi, has attended FDP on "Cyber Security: Analytics Tools, Use Cases And Demo" conducted by VIT, Chennai, from 12th - 16th Feb 2024
- Mrs. P. Shanthi Priya, has attended FDP on "Data Science Mastery" conducted by VNRVJIT, from 5th Feb - 10th Feb 2024

- Mr. T Madhu , has attended FDP on “ Data Science Mastery ” conducted by VNRVJIT , from 5th Feb - 10th Feb 2024
- Mrs. V Indrani , has attended FDP on “ Data Science Mastery ” conducted by VNRVJIT , from 5th Feb - 10th Feb 2024
- Mrs Rajani Bandaru , has attended FDP on “ Essential Mathematics for Data Science and Machine Learning ” conducted by Chaitanya Bharathi Institute of Technology , from 5th Feb - 09th Feb 2024
- Mrs. K. Likhitha , has attended FDP on “ Python for Data Science ” conducted by IIT MADRAS , from Jan-Feb 2024
- Dr. K Srinivasa Babu , has attended FDP on “ Cloud Computing: A Hands on Approach with AWS Cloud ” conducted by NITTTR Chandigarh , from 29th Jan - 2nd Feb 2024
- Dr. S. Sree Hari Raju , has attended FDP on “ Cloud Computing: A Hands on Approach with AWS Cloud ” conducted by NITTTR Chandigarh , from 29th Jan - 2nd Feb 2024
- Mr. A Naveen , has attended FDP on “ Cloud Computing: A Hands on Approach with AWS Cloud ” conducted by NITTTR Chandigarh , from 29th Jan - 2nd Feb 2024
- Mr. Ch Shiva Kumar , has attended FDP on “ Cloud Computing: A Hands on Approach with AWS Cloud ” conducted by NITTTR Chandigarh , from 29th Jan - 2nd Feb 2024
- Mrs. M Deepthi , has attended FDP on “ Cloud Computing: A Hands on Approach with AWS Cloud ” conducted by NITTTR Chandigarh , from 29th Jan - 2nd Feb 2024
- Mrs. M Sonia , has attended FDP on “ Cloud Computing: A Hands on Approach with AWS Cloud ” conducted by NITTTR Chandigarh , from 29th Jan - 2nd Feb 2024
- Mrs. N Samatha , has attended FDP on “ Cloud Computing: A Hands on Approach with AWS Cloud ” conducted by NITTTR Chandigarh , from 29th Jan - 2nd Feb 2024
- Mr M Nagaraju , has attended FDP on “ Cloud Computing: A Hands on Approach with AWS Cloud ” conducted by NITTTR Chandigarh , from 29th Jan - 2nd Feb 2024
- Mrs M. Uma Devi , has attended FDP on “ Cloud Computing: A Hands on Approach with AWS Cloud ” conducted by NITTTR Chandigarh , from 29th Jan - 2nd Feb 2024
- Mrs. N Shravani , has attended FDP on “ Cloud Computing: A Hands on Approach with AWS Cloud ” conducted by NITTTR Chandigarh , from 29th Jan - 2nd Feb 2024
- Mrs B Manasa , has attended FDP on “ Research Advancements in Natural Language Processing ” conducted by CBIT, Hyd , from 29th Jan - 2nd Feb 2024
- Mrs Rani Sailaja , has attended FDP on “ Research Advancements in Natural Language Processing ” conducted by CBIT, Hyd , from 29th Jan - 2nd Feb 2024

- Mrs Rajani Bandaru , has attended FDP on “ Research Advancements in Natural Language Processing ” conducted by CBIT, Hyd , from 29th Jan - 2nd Feb 2024
- Mrs Rani Sailaja , has attended FDP on “ Internet of Things ” conducted by ICT Academy , from 29th Jan - 2nd Feb 2024
- Mrs. A. Prashanthi , has attended FDP on “ Ai/ML And Data Science For Industry 4.O ” conducted by NITTTR, Chandigarh , from 29th Mar - 02nd Feb 2024
- Mrs. A. Prashanthi , has attended FDP on “ Complex Networks Analysis Using Python ” conducted by NITTTR, Chandigarh , from 15th - 19th Jan 2024
- Mrs. A. Prashanthi , has attended FDP on “ Deep Dive Into Trends In Artificial Intelligence And Machine Learning ” conducted by Coimbatore Institute of Technology, Govt. of Tamil Nadu , from 08th - 12th Jan 2024

NPTEL CERTIFICATIONS

- Mrs. K. Likhitha NPTEL Course on “ Python for Data Science “ organized by IIT MADRAS from Jan-Feb 2024

CO AND EXTRA CURRICULAR ACTIVITIES

Alumni Meet - 2024

On January 27th of Year 2024, The Nalla Narasimha Reddy Educational Society's Group of Institutions hosted the Alumni Meet - 2024 and warmly welcomed the alumni batches from 2009-2019. The Computer Science and Engineering Department was pleased to see and greet 104 alumni members in attendance.



The Alumni Event began with a Welcome Song at 10:00 AM, shortly followed by the Welcome Dance. After the Welcoming, the CSE Department Alumni Coordinator, Associate Professor, Mrs. A. Prashanthi cordially gave a Welcome Speech, highlighting the importance of alumni and their contribution to the institution. Soon after, the Head of the Department, Dr. K. Rameshwaraiah addressed the gathering, acknowledging the institution from its inception, and reflecting on the statistics of the CSE Department from the starting batch of 2009 to 2019, also extending out a warm welcome to all the current 3rd and 4th year students present at the gathering as well as the alumni.

NALLA NARASIMHA REDDY

Education Society's Group of Institutions-Integrated Campus

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