

# CSE PULSE

Department of  
Computer Science and Engineering

Bi-Monthly Newsletter  
MAR-APRIL 2K24



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## Editorial Board

<b><u>Name</u></b>	<b><u>Designation</u></b>	<b><u>Role</u></b>	<b><u>Department</u></b>
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	IV-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. Rameshwaraiyah.

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

- Dr V.Goutham published paper ” **Evolving Minds and Riding Waves: Development and Progress in ChatGPT**” ,in IJSREM, ISSN: 2582-3930, April - 2024.
- Dr.K. Srinivasa Babu published paper ”**Phishing Website Detection using Machine Learning**” ,in the conference CRATE-2024, ISSN/ISBN: 978-81-970285-7-1, April - 2024.
- Mr.A. Naveen published paper ”**Enhancing Crop Productivity Using Machine Learning**”, .in the conference CRATE-2024, ISSN/ISBN: 978-81-970285-7-1, April - 2024.
- Mr. T. Madhu published paper ”**Generation Of SQL Queries Using NLP**” ,in the conference CRATE-2024, ISSN/ISBN: 978-81-970285-7-1, April - 2024.
- Mrs V. Indrani published paper ” **Comparative Analysis Of Container Orchestration Platforms: Kubernetes and Docker**” ,in International Conference on Emerging Technologies, Analytics and Operations, March - 2024.
- Mrs V. Indrani published paper ” **Comparative Analysis Of Skin Cancer Detection Models: A Study Of Random Forest And Convolutional Neural Network Approaches**” ,in International Conference on Emerging Technologies, Analytics and Operations, March - 2024.

### Patents

- Dr. K. Srinivasa Babu, ” **A Method for Robot Control Using Cloud Computing**”, Application no L-146459/2024, published date : 09/04/2024
- Mrs. A. Prashanthi, Mrs Rani Sailaja, ” **An AI Based Method for Secure Deduplication in Cloud Computing**”, Application no 202441019342 A, published date : 05/04/2024.

### Workshops / FDP's Attended

- Dr. V.Goutham has attended FDP on “**Innovation and Idea Generation Through Design Thinking Approach**” conducted National Institute for MSME(ni-msme), from 27th Feb – 02 Mar 2024



- Dr. H.M.Naga Raju, has attended FDP on **“Innovation and Idea Generation Through Design Thinking Approach”** conducted by National Institute for MSME(ni-msme), from 27th Feb - 02nd Mar 2024.
- Mrs. P. Shiva Shankar, has attended FDP on **“MANAGEMENT DEVELOPMENT PROGRAMME(MDP)”** conducted by MSME, Govt of India, from 22/02/24 to 02/03/24.
- Mrs. A. Prashanthi, has attended FDP on **“Deep Learning And Artificial Intelligence”** conducted by APSSDC with ExcelR, 26th Feb - 01st Mar 2024.

## NPTEL Certifications

- Mr. M. Nagaraju, NPTEL Certification on **“Data Structures And Algorithms Using Python”** organized by AICTE-NPTEL/IIT MADRAS, from Jan-Mar 2024.
- Mrs. N Shravani, NPTEL Certification on **“Data Base Management System”** organized by IIT Kharagpur, from Jan-Mar 2024

## CO AND EXTRA CURRICULAR ACTIVITIES

### Guest Lecture

Guest lectures serve as invaluable additions to traditional academic environments, offering students a unique opportunity to glean insights from experts in various fields. These sessions provide a bridge between theoretical knowledge and real-world application, allowing students to see how concepts they learn in the classroom manifest in professional settings.

A guest lecture is conducted by CSE Department on "Leadership Talk" was conducted on 4-6-2024 by Mr. Pramod Thota, Sr. Project Manager in Cognizant Technology solutions is the resource person for the session.



## Project Expo

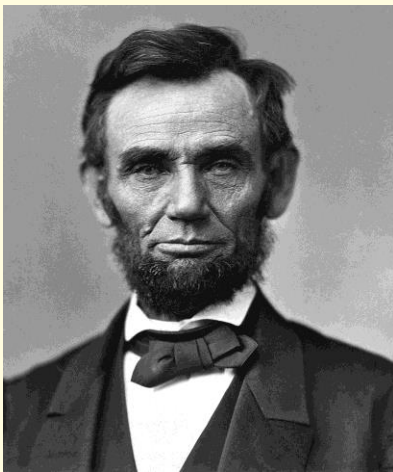
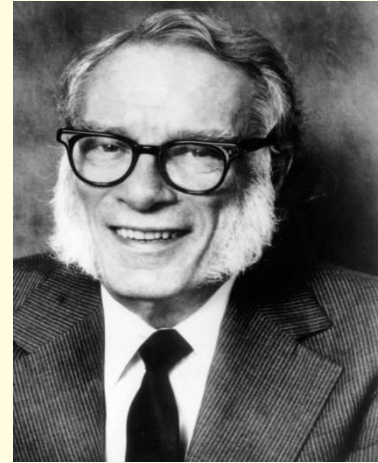
A project expo is more than just a display of academic achievements; it's a dynamic convergence of innovation, collaboration, and inspiration. It serves as a platform where students showcase their creativity, problem-solving skills, and interdisciplinary knowledge through tangible projects. These expos offer a glimpse into the future of various fields, from technology and engineering to social sciences and the arts, demonstrating the transformative potential of education.





**“Self-education is, I firmly believe, the only kind of education there is.”**

**- Isaac Asimov**



**“All I have learned, I learned from books.”**

**- Abraham Lincoln**

**“Great achievement requires personal force, determined spirit and self-confidence.”**

**- Lailah Gifty Akita**



# **NALLA NARASIMHA REDDY**

**Education Society's Group of Institutions-Integrated Campus**  
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