# CSE PULSE

DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

BI- MONTHLY NEWS LETTER

SEP-OCT 2023-24

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# Editorial Board

| Name | Designation | Role | Department |
|------|-------------|------|------------|
| 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 | III-IT |
| Mr. G. Sai Sathvik | Student | Coordinator | II-CSE |
| Mr. D. Omkara Krishna | Student | Coordinator | II-CSE (AIML) |
| Ms. P. Harshavardhini | Student | Coordinator | II-CSE (DS) |
| Ms. T. Harshitha | Student | Coordinator | II-IT |

**Nalla Narasimha Reddy Education Society's Group of Institutions – Integrated Campus**

## 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. Rameshwaraiah.

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.

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## 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.

## Smart India Hackathon 2023 (SIH-2023)

An innovative project called the Smart India Hackathon aims to find novel and ground-breaking digital technology ideas to address the problems our nation faces. With the use of fresh approaches to instill the startup and innovation ecosystem cultures, it ushers in the next phase of evolution.

The Institute organized one day internal hackathon for SMART INDIA HACKATHON(SIH) 2023 on 07-10-2023.

## Industrial Visit

Students' chances of internships, placements, and other possibilities for practical learning are increased by industrial trips, which provide them the chance to engage with people and learn about working procedures and employment practices.

Exposing students to real-world work environments is the primary goal of industrial visits.

Students of III year CSE visited Infosys, Hyderabad on 10-10-2023. The speaker captivated us with insightful narratives, illuminating the intricacies of manufacturing processes and the symbiotic relationship between technology and innovation in modern industry.

# FACULTY ACHIEVEMENTS

## Journal & Conference

➢ Mrs. M. Uma Devi published paper " **Improving Phishing Website Detection with Machine Learning: Revealing Hidden Patterns for Better Accuracy**",in International Journal on Recent and Innovation Trends in Computing and Communication, ISSN: 2321-8169,  Volume11, Issue 9, Sep 2023

## Workshops / FDP's Attended

➢ Mrs. A. Prashanthi, has attended FDP on "**Analytics & Cloud Computing Using Microsoft Azure**" conducted by ATAL & AICTE, from 16th Oct to 20th Oct 2023.

➢ Mrs. A. Prashanthi, has attended FDP on "**Cloud, Fog and Edge Computing**" conducted by NITTTR, Chandigarh, from 18th Sep - 22th Sep 2023.

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➢ Mrs. K. Jayasri, M. Pooja, B. Manasa, P. Pratyusha, P. Hari priya, Mr. M. Praneeth Kumar, has organized workshop on "**REal world IoT Project Develpment using Arduino & Raspberry Pi"** in NNRG, from 28th Aug- Sep 1st 2023.

➢ Mrs. A. Prashanthi, has attended FDP on "**Cloud Infrastructure (AWS)"** conducted by AICTE, from 21st Sep - 25th Sep 2023.

➢ Dr. K. Srinivasa Babu, has attended FDP on "**Emerging Trends in Data Analytics and Machine Learning**" conducted by Karunya Deemed University, from 18th - 22th Sep 2023.

➢ Mr. A Naveen, has attended FDP on "**Emerging Trends in Data Analytics and Machine Learning**" conducted by Karunya Deemed University, from 18th - 22th Sep 2023.

➢ Mr. T Madhu, has attended FDP on "**Emerging Trends in Data Analytics and Machine Learning**" conducted by Karunya Deemed University, from 18th - 22th Sep 2023.

➢ Mrs. A. Prashanthi, has attended FDP on "**AI/ML and Data Science for Industry 4.0 (Basic Level)**" conducted by NITTTR, Chandigarh, from 21st Sep - 25th Sep 2023.

➢ Mr. Ch Shiva Kumar, has attended FDP on "**Emerging Trends in Data Analytics and Machine Learning**" conducted by Karunya Deemed University, from 18th - 22th Sep 2023.

➢ Mrs. A. Prashanthi, has attended FDP on "**Deep Learning**" conducted by NITTTR, Chandigarh, from 21th Sep - 25th Sep 2023.

➢ Dr. S. Sree Hari Raju, has attended FDP on "**Salesforce Platform Developer 1**" conducted by ICT Academy, from 28th Aug - 01st Sep 2023.

## NPTEL CERTIFICATIONS

➢ Mrs. N Samatha, NPTEL Certfication on "**Data Base Management System**" organized by IIT Madras, from Jul-Sep 2023.

➢ Dr. S. Sree Hari Raju, NPTEL Certfication on "**Introduction To Industry 4.0 And Industrial Internet Of Things**" organized by IIT Kharagpur, from Jul-Oct 2023.

➢ Mr. G. VENU GOPAL, NPTEL Certfication on "**Introduction to internet of things**" organized by IIT Madras, from Jul-Sep 2023.

# STUDENT ACHIEVEMENTS

## Workshops

| S. NO | ROLL NO | Name Of the Student | Name of Workshop | Name of Organization |
|---|---|---|---|---|
| 1 | 227Z1A0504 | A. GEETHA MADHURI | AIDAYS 2024 | JNTU, HYDERABAD |
| 2 | 227Z1A0522 | BATHI PRANAVI | AIDAYS 2024 | JNTU, HYDERABAD |
| 3 | 227Z1A0527 | C KEERTHI | AIDAYS 2024 | JNTU, HYDERABAD |
| 4 | 227Z1A0529 | CHAGANTI UDAY KUMAR | AIDAYS 2024 | JNTU, HYDERABAD |
| 5 | 227Z1A0544 | DURGAM KOUSHIK | AIDAYS 2024 | JNTU, HYDERABAD |
| 6 | 227Z1A0545 | EEGA MANISSHA | AIDAYS 2024 | JNTU, HYDERABAD |
| 7 | 227Z1A0553 | GEEREDDY HAMPI | AIDAYS 2024 | JNTU, HYDERABAD |
| 8 | 227Z1A0557 | GOVINDU PRAVALIKA | AIDAYS 2024 | JNTU, HYDERABAD |
| 9 | 227Z1A0561 | G. VENKATA ANUSHA | AIDAYS 2024 | JNTU, HYDERABAD |
| 10 | 227Z1A0573 | KANAKATI RAI TEJA GOUD | AIDAYS 2024 | JNTU, HYDERABAD |
| 11 | 227Z1A05B9 | NAMPELLY CHANAKYA | AIDAYS 2024 | JNTU, HYDERABAD |
| 12 | 227Z1A05C5 | ORSU SHIVARAMARAJU | AIDAYS 2024 | JNTU, HYDERABAD |
| 13 | 227Z1A05C7 | PADAKANTI VARUN | AIDAYS 2024 | JNTU, HYDERABAD |
| 14 | 227Z1A05C8 | PADALA HARSHIT | AIDAYS 2024 | JNTU, HYDERABAD |
| 15 | 227Z1A05D8 | PEDDI VAISHNAVI | AIDAYS 2024 | JNTU, HYDERABAD |
| 16 | 227Z1A66B9 | T.SATHWIKA | AIDAYS 2024 | JNTU, HYDERABAD |
| 17 | 227Z1A66B2 | REGONDA UDAYA SRI | AIDAYS 2024 | JNTU, HYDERABAD |
| 18 | 227Z1A66A5 | P. VEDAVARSHINI | AIDAYS 2024 | JNTU, HYDERABAD |
| 19 | 227Z1A6693 | NEELI VARSHINI | AIDAYS 2024 | JNTU, HYDERABAD |
| 20 | 227Z1A66B3 | ROYYALA ANUSHA | AIDAYS 2024 | JNTU, HYDERABAD |
| 21 | 227Z1A6698 | PALLEPATI MALLIKA | AIDAYS 2024 | JNTU, HYDERABAD |
| 22 | 227Z1A66B6 | SOWMYA POTTIGARI | AIDAYS 2024 | JNTU, HYDERABAD |
| 23 | 227Z1A6696 | PALAMOORI SRUJANA | AIDAYS 2024 | JNTU, HYDERABAD |
| 24 | 227Z1A66C7 | VUSHAKOLA PHANINDRA | AIDAYS 2024 | JNTU, HYDERABAD |
| 25 | 227Z1A66B7 | TANNERU AJAY KUMAR | AIDAYS 2024 | JNTU, HYDERABAD |
| 26 | 227Z1A6674 | M NITHIN | AIDAYS 2024 | JNTU, HYDERABAD |
| 27 | 227Z1A6678 | MARRI MAHESH | AIDAYS 2024 | JNTU, HYDERABAD |
| 28 | 227Z1A6685 | M.PRADYUMNA | AIDAYS 2024 | JNTU, HYDERABAD |
| 29 | 227Z1A6687 | MYTHARI NIKHIL TEJA | AIDAYS 2024 | JNTU, HYDERABAD |
| 30 | 227Z1A66A6 | PERISETLA TEJA VARDHAN | AIDAYS 2024 | JNTU, HYDERABAD |
| 31 | 227Z1A66B0 | RAVI SHOLAPUR | AIDAYS 2024 | JNTU, HYDERABAD |
| 32 | 227Z1A66B1 | R.G. VENKATA NAGA SRI SAI | AIDAYS 2024 | JNTU, HYDERABAD |
| 33 | 227Z1A66B4 | SARVA DARSHAN | AIDAYS 2024 | JNTU, HYDERABAD |
| 34 | 227Z1A66C1 | THATIKONDA SAKETH | AIDAYS 2024 | JNTU, HYDERABAD |
| 35 | 227Z1A6732 | KUNCHALA POOJITHA | AIDAYS 2024 | JNTU, HYDERABAD |
| 36 | 227Z1A6719 | GAJULA NAVASRI | AIDAYS 2024 | JNTU, HYDERABAD |

| 37 | 227Z1A6720 | GARJE SOWMYA | AIDAYS 2024 | JNTU, HYDERABAD |
|---|---|---|---|---|
| 38 | 227Z1A6723 | GUNREDDY SPANDANA | AIDAYS 2024 | JNTU, HYDERABAD |
| 39 | 227Z1A6713 | CH. SHIVA KUMAR | AIDAYS 2024 | JNTU, HYDERABAD |
| 40 | 227Z1A6758 | TUDUGANI SHREYA | AIDAYS 2024 | JNTU, HYDERABAD |
| 41 | 237Z5A6704 | GURRAM HANISH | AIDAYS 2024 | JNTU, HYDERABAD |
| 42 | 237Z5A6706 | NAAROJU SAI KUMAR | AIDAYS 2024 | JNTU, HYDERABAD |
| 43 | 227Z1A1247 | P. SHIVA KUMAR | AIDAYS 2024 | JNTU, HYDERABAD |
| 44 | 227Z1A1234 | M. MANOJ KUMAR REDDY | AIDAYS 2024 | JNTU, HYDERABAD |
| 45 | 227Z1A1241 | N. NITHIN ARUN KUMAR | AIDAYS 2024 | JNTU, HYDERABAD |
| 46 | 227Z1A1219 | GAGAN VAIBHAV GAUR | AIDAYS 2024 | JNTU, HYDERABAD |

# TRAINING AND PLACEMENT ACTIVITIES

| S.NO | ROLL NUMBER | NAME OF THE STUDENT | TITLE OF INTERNSHIP | NAME OF THE ORGANIZATION |
|---|---|---|---|---|
| 1 | 207Z1A05A6 | SONIA MITTA | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 2 | 207Z1A0573 | KANCHANAPALLY JACKSON | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 3 | 207Z1A05H7 | YASA KEERTHI | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 4 | 207Z1A0553 | GOGIREDDY REETHIKA REDDY | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 5 | 207Z1A1236 | PEDDITI ANNAPURNA REDDY | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 6 | 207Z1A0523 | BONTHALA SPANDANA | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 7 | 207Z1A05D9 | RASALA SHRITEJ | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 8 | 207Z1A0551 | GATHPA NIKITHA | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 9 | 207Z1A0507 | ANAGANDULA REVATHI | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 10 | 207Z1A05C0 | NOMULA VARSHITHA | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 11 | 207Z1A05F5 | SHESHADRI SAI CHARAN | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 12 | 207Z1A05D7 | RACHA NIHARIKA | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 13 | 207Z1A05B9 | N.SAI KIRAN | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 14 | 207Z1A05G2 | SUKANYA YERRABATI | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 15 | 207Z1A05C2 | PALABINDELA ABHILASH | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 16 | 217Z5A0509 | GANGASANI AJAY REDDY | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 17 | 207Z1A0571 | KAMPELLI DEVI SANKRUTHYA | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 18 | 207Z1A0564 | JATOTHU MANI CHAND NAYAK | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 19 | 207Z1A0513 | BALAGANI SANDILYA | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 20 | 207Z1A0582 | KONDAKINDHI SIRI | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 21 | 207Z1A1248 | VISWANADULA NIKIL | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 22 | 207Z1A1225 | KOTHA VENKATA HEMANTH | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 23 | 207Z1A0585 | KOTHA VENKATA SUMANTH | SAP-BTP | SAT InfoTech Pvt. Ltd. |

| 24 | 207Z1A0559 | HARI RAI | SAP-BTP | SAT InfoTech Pvt. Ltd. |
|----|------------|----------|---------|------------------------|
| 25 | 207Z1A0560 | JAI KISHAN GEHLOT | SAP-BTP | SAT InfoTech Pvt. Ltd. |
| 26 | 207Z1A0580 | K.SIDDHARTH REDDY | DEVOPS/AI | RRS Solutions |
| 27 | 207Z1A0595 | M.NAMRATHA | DEVOPS/AI | RRS Solutions |
| 28 | 207Z1A0577 | K.SADANA | TESTING | RRS Solutions |
| 29 | 207Z1A05B0 | M.SHRAVANI | TESTING | RRS Solutions |
| 30 | 207Z1A1205 | E.CHINMAYEE | FULL STACK DEVELOPER | RRS Solutions |
| 31 | 197Z1A05A3 | RAJASHEKAR NIDIGONDA | BYJU's |  |
| 32 | 197Z1A05B6 | RAPOLU SIDHARTHA | BYJU's |  |
| 33 | 197Z1A05B8 | SANDEPALLY MYTHILI | BYJU's |  |
| 34 | 197Z1A05E1 | FARHA PARVEEN | BYJU's |  |
| 35 | 197Z1A05E3 | K RITHIKA | BYJU's |  |
| 36 | 197Z1A0525 | CHANDU BODDUPALLI | BYJU's |  |
| 37 | 197Z1A0537 | D.SINDHUJA | BYJU's |  |
| 38 | 197Z1A0545 | DUDDILLA VAISHNAVI | BYJU's |  |

| 39 | 197Z1A0571 | KOTHA JAYASREE | BYJU's |  |
|----|------------|----------------|--------|---|
| 40 | 197Z1A0593 | MONAGARI DILIP KUMAR | BYJU's |  |
| 41 | 197Z1A0595 | MUDUGU RICHIE SHEETAL | BYJU's |  |
| 42 | 207Z5A0501 | AKULA SAI KARTHIK | BYJU's |  |
| 43 | 197Z1A0580 | MALLAPU SAI RISHITHA | BYJU's |  |
| 44 | 197Z1A0576 | MALLAIAH PULLIGILA CHANIKYA | BYJU's |  |
| 45 | 197Z1A0510 | ANARAJULA RAKESH | BYJU's |  |
| 46 | 197Z1A0561 | J KRISHNA SAI RADHESH | BYJU's |  |
| 47 | 197Z1A0515 | BANGARU SRUJANA | BYJU's |  |
| 48 | 197Z1A0598 | NALABOLU MADHURI | BYJU's |  |

| 49 | 197Z1A05A7 | P.PAVITHA | BYJU's |  |
|----|------------|-----------|--------|----------------------|
| 50 | 197Z1A0548 | ESLAVATH NAVEEN KUMAR | BYJU's |  |
| 51 | 197Z1A05B4 | RAHIL SHAIK | BYJU's |  |
| 52 | 197Z1A0539 | DASI AKASH CHANDRA | BYJU's |  |
| 53 | 197Z1A05A5 | PALEPU REETHIKA | BYJU's |  |
| 54 | 197Z1A05B1 | PRUDVITEJA MOHAN CHINTALA | BYJU's |  |
| 55 | 197Z1A05B9 | SANJANNAGARI PAVANI | BYJU's |  |
| 56 | 197Z1A0558 | H.MADAN MOHAN REDDY | BYJU's |  |

# CO AND EXTRA CURRICULAR ACTIVITIES

## ❖ Certification Program

In collaboration with ICT Academy, the Institute offered a Certificate Program in " **Data Analytics using Microsoft Power BI"**.

Shourav Kr. Suman & Mallikarjun Appani Accredited Instructors for Microsoft Power BI In order to prepare the students for the workforce, M. V. Raja Deeraj & Simon, Soft Skills Trainers, ICT Academy, conducted training sessions from 17-08-2023 to 06-09-2023.



## ❖ Workshop

To get the students ready for projects, the Institute held a session on emerging technologies like "**Real World IoT Project Development using Ardunio & Raspberry PI**".
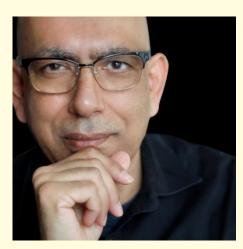
Resource person Mr. Surendra Babu. P, Head of Operations, TLC Group conducted the session from
28-08-23 to 01-09-23

"We're changing the world with
Technology"

- Bill gates





"Our future success is directly
proportional to our ability to understand ,
adopt and integrate new technology into
our work "

- *Sukant Ratnakar*

"Technology, like an art, is a soaring
exercise of the human exercise"

- *Daniel Bell*

Nalla Narasimha Reddy
Group of Institutions

**NNRG**
Integrated Campus

Accredited by
A+
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NBA
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CSE
ECE

# NALLA NARASIMHA REDDY
## Education Society's Group of Institutions–Integrated Campus
### Near Narapally, Chowdariguda (V), Korremula 'X' Road, Ghatkesar (M), Medchal-Malkajgiri (D), Hyderabad -
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### 500088, Telangana.