

# CSE PULSE

NEWSLETTER (NOV-DEC 2023)



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



EAMCET/ECET/ICET/PGEET Code **NNRG**

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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. 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

- Dr. S. Sreehari Raju published paper ” **Text-to-Speech & Speech-to-Text Conversion**”,in International Journal Of Novel Research And Development, ISSN: 2456-4184, Volume 8, Issue 11, November 2023.
- Mrs. M. Sonia, Mr. P Shiva Shankar published paper ” **Unveiling the Triple Impact: Cloud Computing’s Role in Sustainable Environmental, Economic, and Social Advancements**”,in Tuijin Jishu / Journal of Propulsion Technology, ISSN: 1001-4055, Volume. 44 No. 5 (2023).
- Mr. A. Naveen published paper ” **Vehicle Speed Detection Using Image Processing**”,in Organization Development Journal, ISSN: 0889-6402, Volume11, Issue 11, November 2023.
- Mr. T. Madhu published paper ” **Chatbot System Using NLP Techniques**”,in Organization Development Journal, ISSN: 0889-6402, Volume11, Issue 11, November 2023.
- Mr. D. Sreedhar published paper ” **Developing a Mobile Application for Student Clubs**”,in International Journal Of Novel Research And Development, ISSN: 2456-4184, Volume 8, Issue 11, November 2023.
- Dr. S. Sreehari Raju published paper ” **Real Time Object Detection and Tracking For Given Objects**”,in International Journal Of Novel Research And Development, ISSN: 2456-4184, Volume 8, Issue 11, November 2023.
- Mr. T. Madhu published paper ” **Face Recognition Using Image Processing**”,in Organization Development Journal, ISSN: 0889-6402, Volume11, Issue 11, November 2023.
- Mr. Dr. S. Sreehari Raju published paper ” **Hand Gesture Recognition**”,in Organization Development Journal, ISSN: 0889-6402, Volume11, Issue 11, November 2023.
- Mr. B.Durga Prasad published paper ” **QR Code-Based Permission Desk**”,in International Journal Of Novel Research And Development, ISSN: 2456-4184, Volume 8, Issue 11, November 2023.
- Mrs. Ch. Ramya published paper ” **Prediction of Earthquake-A Machine Learning Approach**”,in International Journal For Innovative Engineering and Management Research, ISSN: 2456-5083, Volume 12, Issue 11, November 2023.

- Mrs. Ch. Sudheer published paper ” **Calorie Calculator and Exercise Suggestor**”,in Communication Management Journal, ISSN: 2269-7195, Volume 8, Issue 11, November 2023.

### Patents

- Mrs. A. Prshanthi,” **A Method for Controlled Data Anonymization for Machine Learning in Cloud Computing**”, published in December 2023

### Workshops / FDP's Attended

- Dr. S. Sree Hari Raju has attended FDP on “**AI Tools and Prompt Engineering**” conducted ANITS, Vishakhapatnam, from 27th Nov - 2nd Dec 2023.
- Mrs. A. Prashanthi, has attended FDP on “**Machine Learning and Predictive Analysis using Python**” conducted by NITTTR, Chandigarh, from 20th - 24th Nov 2023.
- Mrs. A. Prashanthi, has attended FDP on “**Linux Applications in Engineering Education**” conducted by NITTTR, Chandigarh, from 6th - 10th Nov 2023.
- Mrs. N. Samatha has attended FDP on “**IoT and its Applications**” conducted by NITTTR, Chandigarh, from 6th - 10th Nov 2023.
- Mrs. Rani sailaja has attended FDP on “**IoT and its Applications**” conducted by NITTTR, Chandigarh, from 6th - 10th Nov 2023.
- Mrs. M. Deepthi has attended FDP on “**IoT and its Applications**” conducted by NITTTR, Chandigarh, from 6th - 10th Nov 2023.
- Mrs. M. Sonia has attended FDP on “**IoT and its Applications**” conducted by NITTTR, Chandigarh, from 6th - 10th Nov 2023.
- Mrs. M. Uma Devi has attended FDP on “**IoT and its Applications**” conducted by NITTTR, Chandigarh, from 6th - 10th Nov 2023.
- Mrs. N. Sravani has attended FDP on “**IoT and its Applications**” conducted by NITTTR, Chandigarh, from 6th - 10th Nov 2023.
- Mr. K. Sairam has attended FDP on “**IoT and its Applications**” conducted by NITTTR, Chandigarh, from 6th - 10th Nov 2023.
- Mrs. A. Prashanthi has attended FDP on “**Future Trends & Advances in Emerging Technologies**” conducted by NIET, from 5th - 9th Dec 2023.

- Mr. P. Shiva shankar has attended FDP on “**AI Tools and Prompt Engineering**” conducted ANITS, Vishakhapatnam, from 27th Nov - 2nd Dec 2023.
- Mr. Ch. Shiva Kumar has attended FDP on “**Building Advanced Data Analytics Applications With Cloud**” conducted by ATAL, from 11th - 15th Dec 2023.
- Mr. A. Naveen has attended FDP on “**Building Advanced Data Analytics Applications With Cloud**” conducted by ATAL, from 11th - 15th Dec 2023.
- Mr. M. Nagaraju has attended FDP on “**Block chain Technology**” conducted by JNTUH University, from 18th - 22nd Dec 2023.

## STUDENT ACHIEVEMENTS

### Publications-Journals

S.No	Roll Number	Name of the Student	Title	Name of the Journal	ISSN	Date
1	207Z1A0547 207Z1A0507 207Z1A0501	G.Sridhar A.Revathi Abdul Zeeshan	Chatbot System Using NLP Techniques	ODJ	0889-6402	Volume11, Issue 11, November 2023
2	207Z1A05F9 207Z1A05G0 207Z1A05G1	S.Akanksha S.Yashwini S.Jyothir mani	Calorie Calculator and Exercise Suggestor	IJIEMR	2456-5083	Volume12, Issue 11, November 2023
3	207Z1A0580 207Z1A0567 207Z1A0599	K.Siddharth Reddy K.Preethi M.Pragnith	Prediction of Earthquake-A Machine Learning Approach	CMJ	2269-7195	Volume 8, Issue 11, November 2023
4	207Z1A05F0 207Z1A05F2 207Z1A05H7	Shaikh Arbaz Hussain Shaikh Irshad Baba Y.Keerthi	Text-to-Speech & Speech-to-Text Conversion	IJNRD	2456-4184	Volume 8, Issue 11, November 2023
5	207Z1A05H1 207Z1A05H9 217Z5A0518	T.Jyothirmai Y.Santosh Kumar V.Naresh Naik	QR Code-Based Permission Desk	IJNRD	2456-4184	Volume 8, Issue 11, November 2023





6	207Z1A05H2 217Z5A0502 207Z1A05F7	U.Preethi A.Rakesh S.Snehalatha	Developing a Mobile Application for Student Clubs	IJNRD	2456-4184	Volume 8, Issue 11, November 2023
7	207Z1A05A7 207Z1A0575	Mohammed Abdul Matheen K.Shreya	Hand Gesture Recognition	ODJ	0889-6402	Volume11, Issue 10, November 2023
8	207Z1A1229 207Z1A1203 207Z1A1250	N.Yogesh B.Shruthi Y.Bhavana	Vehicle Speed Detection Using Image Processing	ODJ	0889-6402	Volume11, Issue 10, November 2023
9	207Z1A1225 207Z1A1241 207Z1A1248	K.V.Hemanth Sheldon Shaji V.Nikil	Face Recognition Using Image Processing	ODJ	0889-6402	Volume11, Issue 11, November 2023
10	207Z1A1208 207Z1A1237 207Z1A1249	D.Manikanta R.Sidharth Reddy Y.Mohan Krishna	Real Time Object Detection and Tracking For Given Objects	IJNRD	2456-4184	Volume 8, Issue 12, December 2023

## CO AND EXTRA CURRICULAR ACTIVITIES




### ❖ Certification Program on Data Analytics

The Data Analytics certification program was coordinated by the Institute in association with Tech4All. The students passed the final exam with a good score and received their data analyst certification.

S.No	Name of the Student	Hall Ticket No	Certificate No	Grade	Photo
1	Sonia Mitta	207Z1A05A6	G-2023-G3388-0045	A	
2	M. Tejashwini	207Z1A05B1	G-2023-G3388-0050	A	

3	A. Arshitha	207Z1A0504	G-2023-G3388-0005	A	
4	G.Nishitha Krishna	207Z1A0550	G-2023-G3388-0024	A	
5	K.Siri	207Z1A0582	G-2023-G3388-0041	A	
6	A.Revathi	207Z1A0507	G-2023-G3388-0032	A	
7	K.Sadana	207Z1A0577	G-2023-G3388-0033	A	
8	N.Varshitha	207Z1A05C0	G-2023-G3388-0052	A	
9	R.Niharika	207Z1A05D7	G-2023-G3388-0022	A	

10	K.Yashaswini	207Z1A0568	G-2023-G3388-0055	A	
11	A.Chaithanya	207Z1A0506	G-2023-G3388-0009	A	
12	G.Reethika Reddy	207Z1A0553	G-2023-G3388-0031	A	
13	K.Devi Sankruthya	207Z1A0571	G-2023-G3388-0012	A	
14	M.Rakshitha	207Z1A05A8	G-2023-G3388-0028	A	
15	B.Shruthi	207Z1A1203	G-2023-G3389-0045	A	
16	S.Jyothir mani	207Z1A05G1	G-2023-G3389-0017	A	

17	T.Shiva Keerthi	207Z1A05G6	G-2023-G3389-0043	A	
18	U.Peerthi	207Z1A05H2	G-2023-G3389-0034	A	
19	G.Venkata Sai Sarayu	207Z1A1253	G-2023-G3389-0052	A	

### ❖ Blood Donation camp

In order to encourage students to actively participate in and support the worthy cause, the Institute held a blood donation camp under the auspices of the NNRESGI's NSS Unit. they raise awareness about the importance of donating blood regularly to save lives.

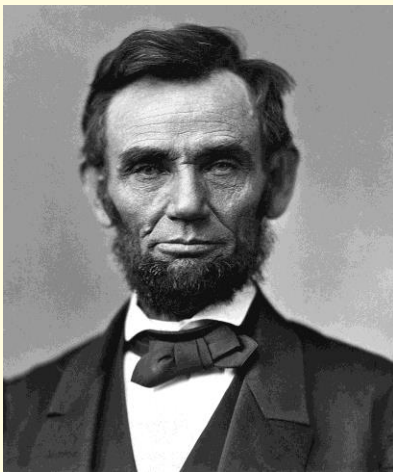
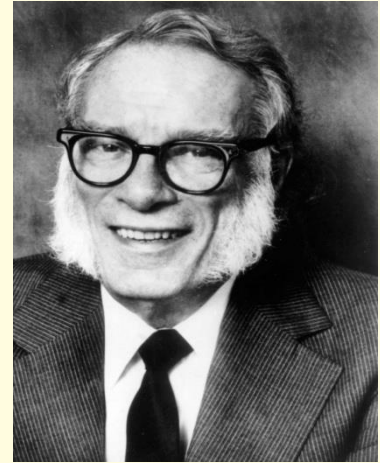
Dr. C.V. Krishna Reddy, Director of NNRESGI has initiated the activity to encourage students for a good cause.



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

“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**

**Near Narapally, Chowdariguda (V), Korremula 'X' Road,  
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500088, Telangana.**

