

Department of Computer Science & Engineering

# CSEPULSE

**Bi-Monthly News Letter**  
**(August - September)**

**2024 - 25**



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## Editorial Board

<u>Name</u>	<u>Designation</u>	<u>Role</u>	<u>Department</u>
Mrs. P. Shanthi Priya	Assoc. Professor	Chief 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

## **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 oral 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 300 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 120 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 year 2018 and further accredited in the year 2022.

## **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

### Workshops / FDP's Attended

- Mrs.A.Prashanthi , Has Attended FDP On “ Building Web Development Solutions With Cloud Computing ” Conducted By Edunet & EY In Collaboration AICTE , From 17th To 21st Sep 2024.
- Mrs.A.Prashanthi , has attended FDP on “ Gen-AI And Prompt Engineering Using Microsoft Co-Pilot Bnmit ” conducted by DYP-ATU & MU , from 16th to 20st sep 2024.
- Mrs.A.Prashanthi , has attended FDP on “ Exploring IoT & AI Frontier In Teaching and Research ” conducted by IEM & UEM group in-association with hrdc, govt of wb , from 2nd to 6th sep 2024.
- Dr.K.Srinivasababu , has attended FDP on “ Building Web Development Solutions With Cloud Computing ” conducted by edunet & EY in collaboration aicte , from 17th to 21st sep 2024.
- Dr.K.Srinivasababu, has attended FDP on “ Exploring IoT & AI Frontier In Teaching And Research ” Conducted By IEM & UEM Group In-Association With HRDC, Govt of WB , from 2nd to 6th sep 2024.
- Mrs.V Indrani has attended FDP on “Artificial Intelligence's Impact on Transforming Software, Robotics, Electrical, Electronics and Mechanical fields” Conducted by Dhaanish ahmed College of Engineering from 29th Aug - 03rd Sep 2024.
- Mrs.B.Sriveni has attended FDP on “Artificial Intelligence's Impact on Transforming Software, Robotics, Electrical, Electronics and Mechanical fields” Conducted by Dhaanish ahmed College of Engineering from 29th Aug - 03rd Sep 2024.
- Mrs.B.Sriveni has attended FDP on “Artificial Exploring IoT & AI Frontier in Teaching and Research ” Conducted by Department of CSE(IoT), IEM with HRDC, IEM-UEM Group and CSCE from 2nd Sep - 06th June 2024
- Mrs. V.Indrani has attended FDP on “Exploring Iot and AI frontier ” Conducted by HRDC IETE from 2nd Sep 2024 to 06th Sep 2024.
- Mrs.V.Indrani has attended FDP on “Industry 5.0 ” Conducted ISTE , Nanasaheb collage from 19th Feb 2024 to 24th Feb 2024.

- Mr.A.Naveen has attended FDP on “Evolution of Generative AI -PAST, PRESENT AND FUTURE ”Conducted by Methodist College of Engineering & Technology from 19th to 24th Aug 2024.
- Mr.A.Naveen has attended FDP on “Building Web Development Solutions with Cloud Computing ” Conducted by Next Gen Employability Program from 02nd to 06th Sep 2024.
- Mr.T.Madhu has attended FDP on “Building Web Development Solutions with Cloud Computing ” Conducted by Next Gen Employability Program from 02nd to 06th Sep 2024.
- Mr.T. Madhu has attended FDP on “Evolution of Generative AI -PAST, PRESENT AND FUTURE ” Conducted by Methodist College of Engineering & Technology from 19th to 24th Aug 2024.
- Mrs.V.Rani Sailaja has attended FDP on “High Performance Computing and Data Science Applications” Conducted by Vardhaman College of Engineering from 20th August 2024 to 24th August 2024.
- Mrs.Ch.Srivalli Revathi has attended FDP on “High Performance Computing and Data Science Applications” Conducted by Vardhaman College of Engineering from 20th August 2024 to 24th August 2024.
- Mrs.V.Indrani has attended FDP on “AI in transforming robotics” Conducted by Dhanish Ahmed College of Engineering from 29th to 3rd September 2024.
- Mrs.V.Indrani has attended FDP on “AI insights” Conducted by Spoorthy engineering college of Engineering from 14th to 18th September 2024.
- Dr.S.Sree Hari Raju has attended FDP on “AI and Cloud based Tools for Research” Conducted by NITTTR- Chandigarh from 14th to 18th september 2024.

### **NPTEL Certifications ( 8 Weeks )**

S.No	Name of the Faculty	Name of the SWAYAM / NPTEL course	Organized	Date(s)
1	Dr. A. Prashanthi	Introduction to Operating Systems	IIT Madras	Jul - Sep 2024
2	Mrs.V.Indrani	Introduction to Operating Systems	IIT Madras	Jul-Sep 2024
3	Mrs.Sriveni	Introduction to Operating Systems	IIT Madras	Jul-Sep 2024

### **CERTIFICATION PROGRAM on Aws Cloud Solutions**

As per the schedule in the department’s academic plan, a Certification Program on “AWS Cloud Solutions Architect” was conducted from 19-08-2024 to 06-09-2024 students for a total of 65

students of IV – CSE in which 60 are boys and 05 are girls under “Youth Empowerment”, the program was conducted for 100 hours which is organized under A CSR Initiative by Honeywell and implemented by ICT Academy through college Institution’s Innovation Council (IIC). Mr. Kiran Nallamala – ATMECS Technologies – AWS Solutions Architect, Hyderabad is the resource person for the certification program.

17-08-2023: Started the inauguration of “TECH4ALL – Skilling Program for Women” from 09:15 AM to 10:20 AM with an Inaugural Speakers Sri. Nalla Narasimha Reddy - Chairman, Nalla Prashanth - Vice Chairman, Dr. C. V. Krishna Reddy – Director, Dr. G. Janardhana Raju – Dean SOE & IIC Convenor, Dr. K. Rameshwaraiah – Convener, SPOC, Professor & Head CSE, and Mr. B. Gopal Reddy – Head TS, ICT Academy are the inaugural speakers for the event and started the program with lighting of lamp and followed by the speakers addressed the students.

Dr. K. Rameshwaraiah – Convener, SPOC, Professor & Head CSE, started with welcoming all the dignitaries for the program, followed by talking about the importance of AWS Cloud Solutions Architect in current days.

Dr. G. Janardhana Raju – Dean SOE & IIC Convenor, addressed the students by stating the importance of learning about new technologies, and how technology plays a major role in making the life of humans simple.

Mr. B. Gopal Reddy – ICT Academy - State Head TS, explained the role of ICT Academy to students and how it is filling a gap between Educational Institutions and Industries.

Dr. C. V. Krishna Reddy – Director, addressed the students by stating the importance of technology to all young boys & girls and advised them to utilize the opportunities.

After Inauguration, both trainers started the session 1 of Day 1.





## **CO AND EXTRA CURRICULAR ACTIVITIES**

### **HACKATHON**

The institute organized one day internal hackathon for SMART INDIA HACKATHON(SIH) 2024 on 06-09-2024. Mr Anil Kumar Vishwanadhula founder & CEO, EDTEX and Mr Arun Kumar, Co-Founder of EDTEX, are invited as Chief Guest and Guest of Honour for evaluating student ideas for the problem statements defined in the SIH2024 portal. Mr Kiran Nallamala, AWS architect, Dr. K. Srinivas Babu, Dr S Sreehari Raju and Mrs P Santhi Priya were empanelled in jury.

Dr C V Krishna Reddy, director, NNRESGI also explained the importance of such events and encouraged the students to participate in more events to enhance logical programming, design and testing skills of the students enormously. Mr. A Naveen, the Single Point of Contact (SPOC) for the college, provided an overview of the Smart India Hackathon (SIH). He discussed its significance and goals, as well as the rules and regulations governing the competition. Dr. K. Rameshwaraiyah, Head of the Computer Science and Engineering (CSE) department, encouraged students to take part in hackathons to foster their technical abilities. The Judges, Mr Anil Kumar Vishwanadhula and Mr Arun Kumar motivated the students to improve their problem solving skills by learning how to develop applications to solve real world problems and to address the current needs of the stakeholders in the domains mentioned from time to time which in turn enhance entrepreneurship skills. Dr G Janardhana Raju, Dean School of Engineering and IIC Convener addressed the importance of such kind of technical events which were being conducted nationwide by public sector bodies like MHRD, AICTE with financial assistance also. Hence there is an urgent need of student attention towards such events.

Total 47 teams (282 students, 158 male and 124 female) have participated in this event. As per the guidelines of Smart India Hackathon – 2024, and to encourage female participation in innovative problems, each team consists of at least one female student as a member. Out of them, 41 teams with 26 software problems and 6 teams with 5 hardware problems were chosen by the participants to work upon.

**Total Participating Teams**

S.No	Team Name	Team Leader	PS-ID	Category
1	Mini Minds	Kotha Keerthi	1648	Software
2	Tech Saviours	Adithya Singh	1625	Software
3	Techie Devils	A. Vishnu Vardhan	1615	Software
4	Inode	Thota Venkata Nagateja	1603	Software
5	Nomad	R.Sai Uday Kiran	1656	Software
6	Unified Unit	Ch. Praveen	1677	Software
7	Agri Tech	D. Omkara Krishna	1638	Software
8	Good Game	Karnatakam Rishi Kiran	1638	Software
9	Legends	Atukuri Rohith Kumar	1637	Software
10	Digital Dreamers	T Harshitha Valli Durga Devi	1586	Software
11	Virtual Nexus	Kanaparthi Ruchitha	1555	Software
12	Hydra Botz	Pidugu Kushal	1524	Software
13	Medscan	Khushi Verma	1597	Software
14	Dreamy Destinations	Kummari Vamshi	1656	Software
15	Stumble Guys	Bejjanki Raviteja	1618	Software
16	Varuna	Bejjanki Raviteja	1650	Software
17	Protectors	Esarapu Bhuvan Goud	1605	Software
18	Hack-6	Elukapelli Akhilesh	1672	Software
19	Euphoria	A. Vijay Kumar	1656	Software
20	Sentinel AI	Marella Sahithi	1587	Software
21	Si-Brain	P. Udayasree	1638	Software
22	Tech Champs	K. Karthik	1637	Software
23	Team-D	K. Harini	1586	Software
24	Golden Harvest	Pakala Tharuni	1554	Software
25	Innovators	Anna Kalyani	1607	Software
26	Smart Heads	Thummoji Shivaprasad	1586	Software
27	Soil Sense Ai	Makutum Mallikarjun	1596	Software
28	Direct Market Access	Gollapalli Shivateja	1637	Software
29	CSE-Strikers	Valluri Pooboni Krishna	1596	Software

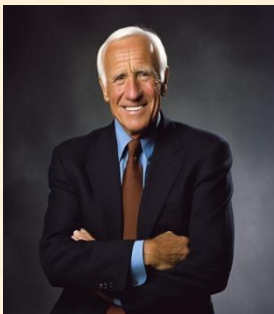
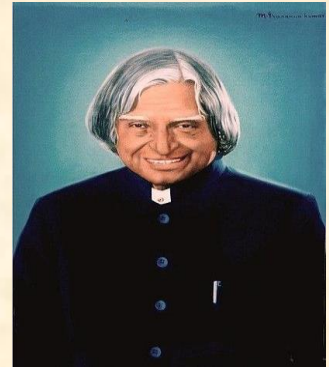


30	Transformers	Banala Manikeerthan Reddy	1717	Software
31	Cosmic Coders	Shaik Irfan Baba	1609	Software
32	Tech-Saviours	Peddi Vaishnavi	1605	Software
33	EduInnovaters	Gaddam Anirudh Sai	1586	Software
34	Agri-Tech	S. Sreeduth	1637	Software
35	Tech Tians	Manasvi Agrawal	1620	Software
36	Jugaad-Junction	S. Akshaya	1683	Software
37	Spark	Avari Swathi	1732	Software
38	Nakshathra Explorer	Jaideep	1542	Software
39	Code Crackers	Jilla Vaishnavi	1536	Software
40	Innovators	Kummari Sushma	1592	Software
41	Idea Incubators	K Rishmitha Rao	1650	Software
42	Foundation Masters	K. Guru Teja	1554	Hardware
43	Rovers	P. Mithil Raj	1555	Hardware
44	Team-Garuda	G. Sai Charan	1554	Hardware
45	Air Infinity	K Prashanth	1533	Hardware
46	Waste Wizards	Tanishq Joshi	1575	Hardware
47	Teamkanyarasi	M.Vishnuvardhan Naidu	1469	Hardware



“The power of concentration is the only key to the treasure-house of knowledge.”

**- A.P.J Abdul Kalam**



“Discipline is the bridge between goals and accomplishment.”

**- Jim Rohn**

“Education is not just about gathering knowledge, but more so about learning how to think.”

**- Sandeep Maheshwari**







Nalla Narasimha Reddy  
Group of Institutions

**NNRG**  
Integrated Campus

# NALLA NARASIMHA REDDY

Education Society's Group of Institutions-Integrated Campus

Near Narapally, Chowdariguda (V), Korremula 'X' Road, Ghatkesar (M),  
Medchal-Malkajgiri (D), Hyderabad - 500088, Telangana.

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