

# CSE PULSE

Department of  
Computer Science and Engineering

Bi-Monthly Newsletter  
May - June- July 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. ShanthiPriya	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

**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.inCSE(DataScience) 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

- Mr.Dr. S. Sree Hari Raju published patent ” AIML: The Approach of Optimization to Support the Company Organizing the Automated Business Technique ”,Published With ICCAMS (IEEE Xplore), in May-2024.
- Mr. Dr.V.Goutham published patent ” Classification objects incriminating using Sigma Histogram Approach\_ 2024 ”,Published With CMJ, in May-2024.
- Mr. Dr.V.Goutham published patent ” Identifying and Eliminating counterfeits of a product using Block Chain ”,Published With CMJ, in May-2024.
- Dr. S. Sree Hari Raju published patent ” Missing Person Detection System Using IOT”,Published With JTSEIT, in May-2024

### Workshops / FDP's Attended

- Mrs. Ch Pranisha , has attended FDP on “ AI for Educators ” conducted by Institute of Public Enterprise (IPE), Hyderabad , from 20th - 24th May 2024
- Mrs. V Indrani , has attended FDP on “ AI for Educators ” conducted by Institute of Public Enterprise (IPE), Hyderabad , from 20th - 24th May 2024
- Mrs. B Manasa ,has attended FDP on “ AI for Educators ” conducted by Institute of Public Enterprise (IPE), Hyderabad , from 20th - 24th May 2024

## TRAINING AND PLACEMENT ACTIVITIES

### Smart ED Selected Student List - 2023-2024 :

S.no	Rollnumber	Student name	Branch
1	207Z1A0590	M. Manoj vishwas	CSE
2	207Z1A05C7	P.Sreelekha	CSE
3	207Z1A0562	J. Shushumna	CSE
3	207Z1A0596	M Madhava rahul	CSE
4	217Z5A0511	J .Vinay kumar	CSE
5	207Z1A0504	A.Arshitha	CSE
6	207Z1A05G3	S.Naveen	CSE
7	207Z1A0541	D.Bhanu prakash	CSE
8	207Z1A05A1	M.Deepika	CSE
9	207Z1A05H1	T .Jyothirmai	CSE
10	207Z1A05G2	Y.Sukanya	CSE
11	207Z1A05D8	R.Harika	CSE
12	207Z1A05H7	Y. keerthi	CSE

**PIE INFOCOMM Selected Student List 2023-2024**

S.no	Rollnumber	Student name	Branch
1	207Z1A0504	Arshita Allaboina	CSE-A
2	207Z1A0550	Garikapati Nishitha	CSE-A
3	207Z1A05G7	ThatikondaGeethanjali	CSE-C
4	207Z1A05D8	Rachuri Harika	CSE
5	207Z1A05B6	Harshitha Nanubothu	CSE-B
6	207Z1A05H1	Tummidi Jyothirmai	CSE-C
7	207Z1A05B7	Narra Kamalakar	CSE-B
8	207Z1A0586	L.SNITHA VARDHINI	CSE-B
9	207Z1A05C9	Peesari Madhusudhan Reddy	CSE-B
10	207Z1A05G2	Sukanya Yerrabati	CSE-C
11	207Z1A05F6	Shreshta Rajula	CSE-C
12	207Z1A05H2	Urelli Preethi	CSE-C
13	207Z1A0504	Arshita Allaboina	CSE-A

**CO AND EXTRA CURRICULAR ACTIVITIES****WORKSHOP**

As part of students' skill development, Nalla Narasimha Reddy Group of Institutions organized a two-day session on "INFOSYS Springboard Maker Lab on Wheels" by the Infosys team on May 6th and 7th, 2024 for III Year — CSE, CSE(DS), CSE(AIML) & IT and for students whose grade point is 8 and above and total of 78 students participated in the program. The session was initiated by Adithya Krishna Vedamtham, a System Associate, who provided a brief introduction to the program. He was supported by his fellow associates: Sumanth Vallala, also a System Associate, Yashwant Kalepu, a Senior System Associate; and Vamshi Muthyapu, a Lead Consultant.



**Day - 1:** The session commenced on May 6th in the conference hall with 80 student participants from NNRG, divided into 4 batches of 20 students each. Adithya Krishna Vedamtham initiated the program with an introduction and engaged the participants through interactive questions, spinning the session into a two-way conversation.

All the students were guided by the Infosys team to register in the "Infosys SpringBoard" app and were explained the importance and benefits of using the application. A small demo was provided to the students to showcase how to use the app effectively.



**Day — 2:** May 7th, began with the first batch consisting of 25 students, internally divided into 5 groups. The session took place in the Boardroom and commenced at 11 A.M. The session was conducted by Karthik Rangu, Robotics Trainer. Once again, he provided a brief overview of the Infosys SpringBoard and guided the students to a perfect start by assisting them in completing the assessments.

All the students were very enthusiastic as they had hands-on experience using the Arduino UNO board and all other components like jumpers, LEDs, and breadboards. The session was highly interactive, with Mr. Vamshi explaining all the experiment details very keenly. The certificates issued by Infosys SpringBoard for the experiments encouraged the students to complete even more. The team concluded the session by giving all the students a hands-on experience and a strong motivation to participate in more sessions with the same energetic performance. They guided the students regarding career-building paths and the importance of acquiring skills.





## INDUSTRIAL VISIT - 1

As per the schedule in the Department Academic plan, II CSE, CSE (AIML) students have attended an Industrial Visit to Infosys on 21-06-2024. A total of 107 students and four faculty members accompanied and facilitated the students during the visit.



Instructors who were assigned by the authorities of the industry have divided the students into 4 groups and given the session schedule and followed from time to time. The speaker of NRSC has given the introduction and a presentation on the "Indian Space Odyssey" and the insights of the ISRO and its various missions.



Explained what is Remote Sensing? How the rocket is deployed etc. and Students visited the various models of the rockets, engines, and satellites... At last, the trainer explained about the Live-Real Time Satellite tracking @ IMGEOs, EARTH STATION at SHADNAGAR is taken from the antennas in 8 different camera views. The session was concluded with Q&A Session. Many of the students get clarified their doubts related to the Models, Satellites, and Remote Sensing.

The technology used and how the mission is taken up. The various process involved in preparing a launch vehicle, and the different stages of the launch vehicle in the space. And discussion on the challenges faced during the launch of the rocket (Launch vehicle).

The students were much eager and enthusiastic during the visit about learning /adopting the new and advanced concepts in the most thrust area of Data Communication and Networks. The students were pleased with the visit and they expect the department should conduct workshops on the latest technologies.

The student's experience was very good at ISRO with the cooperative coordinator. Students learned the current market scenarios, latest technologies, criteria for selection in the placements, and best practices in the ISRO to carry out the project. The students were pleased with the visit and they expect the department should conduct workshops on the latest technologies.

#### Action Taken:

The student got exposed to the Real-Time working process of ISRO and the technologies used. As per the feedback of students, the PAC decided to conduct workshops and lectures on new trending technologies.



## INDUSTRIAL VISIT - 2

As per the schedule in the Department Academic plan, III CSE (AIML), CSE (DS), IT students have attended an Industrial Visit to Infosys on 09-07-2024. A total of 100 students and four faculty members accompanied and facilitated the students during the visit.

The Associate Consultant from ETA Department of Infosys, Pocharam Ms. Simran Thakwani conducted very informative session for the students. She gave a brief introduction about Infosys and different departments in Infosys to the students. Also, she motivated the students to select their domain and area of interest. She also guided the students to concentrate on the latest technologies like Machine learning, IOT and develop coding skills which are essential in the current software market. She explained how LinkedIn helps the students. And guided how to build their resume and what companies are expecting from the students and other employees from Technical Team have interacted with the students and explained about UI.



The session was concluded with a Question- Answer session. Many of the students asked different questions the Associate Consultant on current demanding technologies, market scenarios and she cleared up all the doubt which was in the students' minds about the technologies and IT sector. After the Question- Answer session students who are more actively interacted were taken them to their work space.

**Student Feedback:**

The student’s experience was very good at Infosys with cooperative coordinator. Most of the students expected the workflow in industry will be demonstrated and suggested such kind of domain specific industrial visits are to be arranged more for the subsequent batches. Students learned the current market scenarios, latest technologies, criteria for selection in the placements, best practices in Infosys to carry out the project



**Action Taken:**

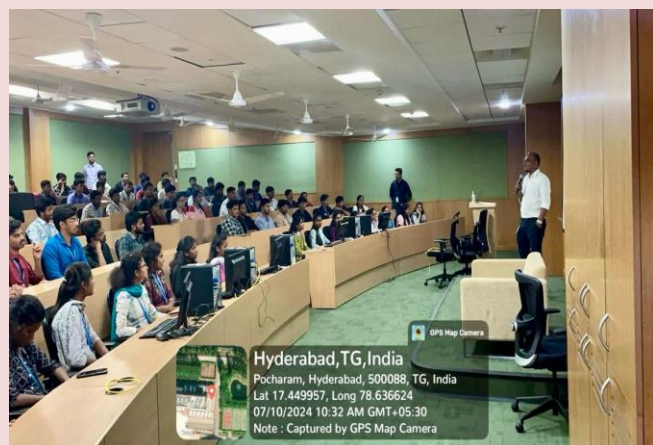
The student got exposed to the Real-Time working process of Infosys and the technologies used in current market. As per the feedback of students the PAC decided to plan more domain specific industrial visits and workshops on new trending technologies.



## INDUSTRIAL VISIT - 3

As per the schedule in the Department Academic plan, **II CSE (AIML), IT** students have attended an Industrial Visit to **Infosys on 10-07-2024**. A total of 100 students and four faculty members accompanied and facilitated the students during the visit.

The Project Manager/Lead Consultant from ETA Department of Infosys, Pocharam Mr. Vamshi Muthyapu conducted very informative session for the students. He gave a brief introduction about Infosys and different departments in Infosys to the students. Also, he motivated the students to select their area of interest. He also guided the students to concentrate on the latest technologies like Machine learning, IOT and develop coding skills which are essential in the current software market. Later, Mr. Aditya Krishna Vedomtham –System Associate explained how LinkedIn helps the students and also explained about Infosys spring Board Process and guided how to build their resume and what companies are expecting from the students and other employees from Technical Team have interacted with the students and explained about UI.



The session was concluded with a Question- Answer session. Many of the students asked different questions the Associate Consultant on current demanding technologies, market scenarios and she cleared up all the doubt which was in the students' minds about the technologies and IT sector.

**Student Feedback:**

The student’s experience was very good at Infosys with cooperative coordinator. Most of the students expected the workflow in industry will be demonstrated and suggested such kind of domain specific industrial visits are to be arranged more for the subsequent batches. Students learned the current market scenarios, latest technologies, criteria for selection in the placements, best practices in Infosys to carry out the project.



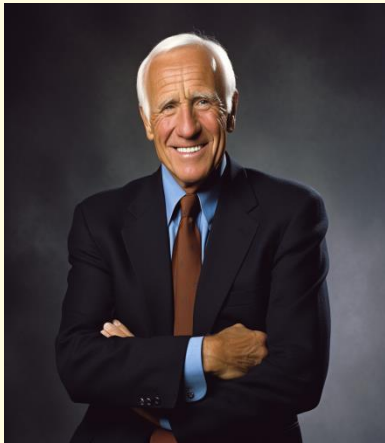
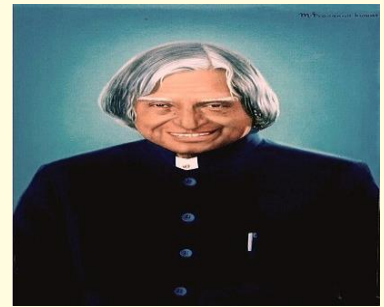
**Action Taken:**

The student got exposed to the Real-Time working process of Infosys and the technologies used in current market. As per the feedback of students the PAC decided to plan more domain specific industrial visits and workshops on new trending technologies.



**“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**

Education Society's Group of Institutions-Integrated  
Campus

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