

# NEWS LETTER

AY - 2022-2023



## GIT TechSpace



# GATES



INSTITUTE OF TECHNOLOGY

Approved by A.I.C.T.E. & Permanently Affiliated to JNTUA, Ananthapuramu  
Gootyanantapur(v), Gooty, Ananthapuramu(Dist.)-515401

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### DEPARTMENT VISION

To impart the best technical education instilled with discipline, values and leadership qualities that will produce professional technocrats in Computer Science and Engineering.

### DEPARTMENT MISSION

- M1: To impart fundamental Computer Science and Engineering concepts and a broad set of technical skills.
- M2: To prepare Computer Science and Engineering graduates who will engage effectively and responsibly in practicing engineering.
- M3: To impart practical exposure on latest technological developments in Computer Science and Engineering.

### Program Educational Objectives (PEO's)

On successful completion of UG in CSE, the graduates will be able to:

- PEO1: Take up professional career with expertise in analysing and solving CSE related problems.
- PEO2: Pursue higher studies and succeed in research with rich knowledge in emerging technologies.
- PEO3: Continue learning and to adopt technological developments combined with deep awareness of ethical responsibilities in their profession.

### Program Specific Outcomes (PSO's)

- PSO1: Computer science graduates will be able to analyze a complex computing problem, design and implement a technical solution for the problem by applying software engineering principles, Programming languages skills, Data structures, Data Base Management Systems ,Design and Analysis Algorithms and Software Testing .
- PSO2: Computer science graduates are able to apply knowledge of mathematics, Artificial Intelligence, Machine learning, Networks protocols, Cloud platforms, cyber security, Web & IOT technologies to provide effective best solutions for problems related to research and for wide variety of real world problems.

### **Navigating the MERN Stack: Insights and Career Guidance from Alumni Speaker Mr P Sainath**

On July 6<sup>th</sup> 2023 the Department of Computer Science and Engineering recently hosted an alumni talk featuring Mr P Sainath, an esteemed alumnus of the GATES Institute of Technology. Mr Sainath delivered an informative session on MERN stack development, providing valuable career guidance and emphasizing the essential skills for success in the field. Students gained insights into the components of the MERN stack and their significance in web development. Overall, it was an enriching event that empowered students to explore exciting opportunities in the world of MERN stack development.



III Year Students of the Department of Computer Science and Engineering have Organized a Tech Treasure Hunt for final-year students on 9-12-2022. A total of 11 teams Registered. The event had 5 levels in which at every level the participants need to solve the puzzles to go to the next level. There were games to make the event more entertaining and participants took part and enjoyed the event. The winners found the treasure and participants got to know time management and teamwork. Students raised the amount from the participation fee, the entire amount will be donated to the Oldage home, Gooty.



### **"Celebrating the Journey: Farewell to Our Final-Year CSE Students"**

April 25 2023 The Computer Science and Engineering Department bid farewell to our final-year students in a memorable ceremony filled with emotions and fond memories. The event was a celebration of their academic journey and achievements, as well as a wish for success and happiness in their future endeavours. The ceremony featured speeches by faculty members and students, who shared their experiences and expressed gratitude for the memories and friendships formed during their time at the department.

We congratulate our final-year CSE students on their achievements and wish them all the best for their future.



As a part of the Community Service Project Department of Computer Science and Engineering Students visited Basinepalli and Jakkala cheruvu villages. Students served different communities in the above villages. Students created awareness about Plantation, Stress level management in women, Health & Hygiene and also the plastic ban. Students planted saplings in government school surroundings. School children and Villagers enthusiastically participated in the activities conducted.



### "Digital Forensics Orientation Workshop: Exploring Opportunities and Insights"

On July 1st Department of Computer Science and Engineering Organised a one-day "Digital Forensics Orientation Workshop" to explore the world of digital investigations. Discover the value of RAM, HDD, SSD, Networks, and Digital Forensics. Learned about industry expectations and exciting career opportunities in this field.



On December 12th 2022 Department of Computer science and Engineering has organized a "Guest Lecture on Reinforcement Learning" for III Year Students. The Resource Person was Dr E Sudheer Kumar, Associate Professor, School of Computing, Kalasalingam Academy of Research and Education, Krishnakoyal, Srivilliputhur, Tamil Nadu, who delivered an online lecture about the foundations of Reinforcement Learning, learn how to formulate a given problem within the context of Reinforcement Learning paradigm, study different types of Reinforcement Learning algorithms, implement Reinforcement Learning algorithms for real-world problems using state-of-the-art software, learn how to apply Reinforcement Learning in real-world autonomous systems.



**"Coffee with HOD: Connecting Students & Faculty for Success!"**

On July 14<sup>th</sup> 2023 The Department of CSE organized "Coffee with HOD"! It's a fantastic initiative to connect students and faculty, boost academic performance, nurture unique talents and to create a strong bond and share ideas in this informal setting.



On December 15<sup>th</sup> 2022 The Department of CSE organized "Coffee with HOD" in order to have communication with the Department students. The main motto is to facilitate students for their outstanding performance in their academics, to encourage students unique talent and to create a rapport between the students and faculty members. This also provided an informal platform to share their ideas and to guide students properly to remould themselves.



### "Unlocking Opportunities: MS in Germany and IELTS Guidance Program"

On 27<sup>th</sup> July The CSE Department organized a career guidance program on "MS in Germany and IELTS." Ms Momena Shagufta, an esteemed alumna, highlighted available MS programs in Germany and the IELTS exam pattern, as crucial for admission. The session enlightened students on universities and the application process, proving valuable for those considering an MS in Germany. Germany offers quality education, diverse programs, and strong job prospects. IELTS is a common language proficiency requirement. Overall, a beneficial event for aspiring students.



### Students Achievements:

S No	Student Name	Roll Number	Event	Name of The Symposium	Prize
1	Rayanki Charan	19F21A0519	Technical Quiz at C-ELITE-2K23	C-ELITE-2K23	First
2	S.Jaffer Vali	19F21A0529	Paper presentation at C-Elite-2K23(kalikiri)	C-ELITE-2K23	First
3	S.Jaffer Vali	19F21A0529	General Quiz at Elite-2K23	C-ELITE-2K23	First
4	P.Shashavali	19F21A05A5	General Quiz at Elite-2K23	ELITE-2K23	First
5	G.Vikram	20F21A05C2	Hackathon	Pixel -2K23	First

**Students Publications:**

<b>S.NO</b>	<b>ROLL NO</b>	<b>NAME OF THE STUDENT</b>	<b>TITLE OF THE PAPER</b>	<b>NAME OF THE CONFERENCE</b>
1	19F21A0585	Shaik.Rizwana Akthar	Handwritten Digit Recognition Using Deep Neural Networks	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
2	19F21A05C4	Shaik Shaikshawali	Handwritten Digit Recognition Using Deep Neural Networks	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
3	19F21A0502	Murari Akhila	E-Placement Cell	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
4	19F21A0551	Adoni Meenakshi Naidu	E-Placement Cell	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
5	19F21A0535	Pasaluru Jayasree	E-Placement Cell	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
6	19F21A0511	Kummathi Bala Keshavulu	E-Placement Cell	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
7	19F21A0550	T.Meena	Smart Club System Using Web Technology	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
8	19F21A0538	Sjunje Gowd	Smart Club System Using Web Technology	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
9	19F21A0553	Bala Mohan Krishna	Smart Club System Using Web Technology	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
10	19F21A0559	P.Joshna	Smart Club System Using Web Technology	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
11	19F21A0514	Bomma Reddy Bhavana	Traffic Signs Detection Using CNN And Keras	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
12	19F21A0515	P.Bhaviteshwari	Traffic Signs Detection Using CNN And Keras	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
13	19F21A0507	A.Arshiya Tabassum	Traffic Signs Detection Using CNN And Keras	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23

14	19F21A0544	G.Lillysha Begum	Traffic Signs Detection Using CNN And Keras	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
15	19F21A0504	B.Anil Kumar Reddy	Traffic Signs Detection Using CNN And Keras	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
16	19F21A0526	k.Harshitha	College Faculty Recruitment System	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
17	19F21A0555	K.Mounika	College Faculty Recruitment System	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
18	19F21A0512	S.Bhanu Kiran	College Faculty Recruitment System	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
19	19F21A0517	V.Chandra Sekhar	College Faculty Recruitment System	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
20	19F21A0558	S.Mukthiyar	College Faculty Recruitment System	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
21	19F21A0524	A.Gowthami Priya	Online Oxygen Management System	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
22	19F21A0510	P.Ashif	Online Oxygen Management System	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
23	19F21A0505	B.Apsana	Online Oxygen Management System	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
24	19F21A0513	T.Bharath	Online Oxygen Management System	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
25	19F21A0528	T.Iswathulla	Online Oxygen Management System	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
26	19F21A0531	K.Jahanavi	Recognition of Attentiveness of Using Various Learning Activities	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23
27	19F21A0556	G.Mounika	Recognition of Attentiveness of Using Various Learning Activities	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA-2K23

28	19F21A0536	Avula Jeevan	Travel ADVISOR-A Complete Trip Planner With Weather And Navigation	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA- 2K23
29	19F21A0549	S.Manisha	Travel ADVISOR-A Complete Trip Planner With Weather And Navigation	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA- 2K23
30	19F21A0516	Guvvalapalli Chandana	Travel ADVISOR-A Complete Trip Planner With Weather And Navigation	International Conference On Artificial Intelligence And Its Emerging Areas NEC-ICAIEA- 2K23
31	19F21A0529	Shaik .Jafarvalli	Visuavilazation Tool For Locomotive placement	Second National Conference on Recent Advancements in Science,Engineering &Technologies RASET-2023
32	19G81A0510	Attarn Zebra Farheen	Visuavilazation Tool For Locomotive placement	Second National Conference on Recent Advancements in Science,Engineering &Technologies RASET-2023
33	19F21A0518	Madha Chandrakala	Visuavilazation Tool For Locomotive placement	Second National Conference on Recent Advancements in Science,Engineering &Technologies RASET-2023
34	19F21A0533	Palegari Jayachandra Raju	Visuavilazation Tool For Locomotive placement	Second National Conference on Recent Advancements in Science,Engineering &Technologies RASET-2023
35	19F21A0542	Appannagari Krishna Teja	Visuavilazation Tool For Locomotive placement	Second National Conference on Recent Advancements in Science,Engineering &Technologies RASET-2023
36	19F21A0522	S.Farjana	Language Detection Using NLP Hybrid Approach	SecondNational Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
37	19F21A0508	V.aruna	Language Detection Using NLP Hybrid Approach	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
38	19F21A0557	S.Mubassir Ahamed	Language Detection Using NLP Hybrid Approach	SecondNational Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
39	19F21A0541	M.Kavya	Language Detection Using NLP Hybrid Approach	SecondNational Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023

40	19F21A0525	T.Hamraaz Shareef	Language Detection Using NLP Hybrid Approach	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
41	19F21A0523	G.Ganeh kUmar Reddy	Web Application For Exploring Andhra pradesh	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
42	19F21A0501	P.Adarsh Kumar Reddy	Web Application For Exploring Andhra pradesh	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
43	19F21A0527	Vasa.Hima Bindu	Web Application For Exploring Andhra pradesh	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
44	19F21A0519	Rayanki Charan	Web Application For Exploring Andhra pradesh	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
45	19G81A0508	Anantapur Suniya Sultana	Web Application For Exploring Andhra pradesh	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
46	19F21A05B3	B.sredhar	Exam Hall Seating Allotement System	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
47	19F21A0596	M.Sajida	Exam Hall Seating Allotement System	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
48	19F21A0584	S.Raviteja	Exam Hall Seating Allotement System	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
49	19F21A05B7	M.Uma maheshwari	Exam Hall Seating Allotement System	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
50	19F21A05C2	T.Vishnupriya	Exam Hall Seating Allotement System	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023

51	19F21A0581	E.Rama Devi	Impoving Lives of Indebted Frames Using DL:Preeducting Agricultural Produce Prices Using Convolutionl Neurol Networks	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
52	19F21A0588	Rushi Narayana	Impoving Lives of Indebted Frames Using DL:Preeducting Agricultural Produce Prices Using Convolutionl Neurol Networks	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
53	19F21A0580	B.Rakesh	Impoving Lives of Indebted Frames Using DL:Preeducting Agricultural Produce Prices Using Convolutionl Neurol Networks	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
54	19F21A05A4	S.Shamreen	Impoving Lives of Indebted Frames Using DL:Preeducting Agricultural Produce Prices Using Convolutionl Neurol Networks	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
55	19F21A0591	A.Sai Charan	Impoving Lives of Indebted Frames Using DL:Preeducting Agricultural Produce Prices Using Convolutionl Neurol Networks	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
56	19F21A0598	N.Saqlain	Village Development Manegement	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
57	19F21A05B0	D.Sravani	Village Development Manegement	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
58	19F21A0592	N.P.SAI Kiran	Village Development Manegement	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023

59	19F21A05A0	S.Shabeen Taj	Village Development Management	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
60	19F21A05A1	S.Shaid Khan	Village Development Management	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
61	19G81A0507	M.Manisha	Orphange Mangement System	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
62	19F21A0530	N.Jagadeeswar Reddy	Orphange Mangement System	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
63	19F21A0532	P.Jayachandra	Orphange Mangement System	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023
64	19F21A0507	K.Aneesa Tabassum	Orphange Mangement System	Second National Conference on Recent Advancements in Computing Communication & Societal Applications NASA'2023

### NPTEL Certifications:

S No	Roll No	Name	Name of the Course	Organization	Academic Year
1	20F21A0520	K Chandana	Advanced Computer Architecture	NPTEL	2022-23
2	20F21A0543	Tummala Jyothi	Advanced Computer Architecture	NPTEL	2022-23
3	20F21A0557	Shaik Myseen Salma	Advanced Computer Architecture	NPTEL	2022-23
4	20F21A0561	Kokkarachedu Mounika	Advanced Computer Architecture	NPTEL	2022-23
5	20F21A0571	Bulla Mohana Sree	Advanced Computer Architecture	NPTEL	2022-23
6	20F21A05A4	Gulbarga Shamsoon	Advanced Computer Architecture	NPTEL	2022-23
7	20F21A05C0	Chenna Venkata Sai	Advanced Computer Architecture	NPTEL	2022-23
8	21F25A0504	Medam Gopi Krishna	Advanced Computer Architecture	NPTEL	2022-23
9	21F25A0514	Bathala Teja	Advanced Computer Architecture	NPTEL	2022-23