NEWSLETTER

JULY - DEC 2025

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

AI NEXUS

DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

www.nrtec.in

Volume : 04, Issue : 01

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(AUTONOMOUS)
DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

VISION OF THE DEPARTMENT

To be a centre of excellence in Artificial Intelligence education, research and innovation by nurturing competent professionals capable of developing intelligent and ethical solutions for the advancement of society and industry.

MISSION OF THE DEPARTMENT

M1: Promote innovation, interdisciplinary research and industry collaboration through advanced infrastructure and a culture of continuous learning.

M2: Provide a strong foundation in Artificial Intelligence, computing, mathematics and data sciences through student-centric and experiential learning.

M3: Develop socially responsible professionals with ethical values, leadership qualities and entrepreneurial mindset to address real-world challenges using Artificial Intelligence.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1	Be engaged as an engineer with a strong foundation in modern computing and engineering fields such as research, design and development.
PEO 2	Apply AI concepts and multidisciplinary knowledge to design effective engineering solutions while demonstrating technical skills and teamwork.
PEO 3	Develop professional competence, ethical values, communication skills and a commitment to lifelong learning to contribute to society and adapt to emerging technologies.

PROGRAM SPECIFIC OUTCOMES (PSOs)

Students will be able to:

PSO 1	Apply knowledge of human cognition, AI, ML, and Data Engineering to analyze and solve complex real-world problems.
PSO 2	Design solutions using computational skills and innovative tools in AI, ML and DL to meet specific needs for societal needs.
PSO 3	Demonstrate acquired knowledge to lead teams or projects and involve in research and development problems.

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PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to:

PO1	**Engineering knowledge:** Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering Problems.
PO2	**Problem Analysis:** Identify, formulate, review research literature and analyze Complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)
PO3	**Design/Development of Solutions:** Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5).
PO4	**Conduct Investigations of Complex Problems:** Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8)
PO5	**Engineering Tool Usage:** Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 andWK6)
PO6	**The Engineer and The World:** Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5 and WK7)
PO7	**Ethics:** Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)
PO8	**Individual and Collaborative Team work:** Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.
PO9	**Communication:** Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences.
PO10	**Project Management and Finance:** Apply knowledge and understanding of Engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in Multidisciplinary environments.
PO11	**Life-Long Learning:** Recognize the need for, and have the preparation and ability for independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)



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VOLUME-1, ISSUE-1

HEAD OF DEPARTMENT'S MESSAGE

It gives me immense pleasure to extend my warm greetings to all on the occasion of releasing this, Souvenir. This publication stands as a reflection of the creativity, enthusiasm, and collective efforts of our students and faculty members. It captures the vibrant spirit of our department and showcases the talent, innovation, and dedication that define our academic community.

In today's rapidly evolving technological landscape, it is essential that students not only gain sound technical knowledge but also cultivate creativity, critical thinking, and ethical values. Our department continually strives to nurture these qualities through experiential learning, research, and industry-oriented initiatives.

I congratulate all the contributors, coordinators, and the editorial team for their sincere efforts in bringing out this Souvenir. May this serve as an inspiration for everyone to aim higher and achieve greater milestones in the years to come.

Dr. V. V. A. S. Lakshmi
Professor & Head,
Department of CSE (Artificial Intelligence)

EDITORIAL NOTE

It gives me immense pleasure to present the latest edition of our departmental newsletter, which reflects the achievements, innovations, and academic excellence of our institution. This newsletter serves as a platform to showcase the diverse activities, accomplishments, and creative talents of our students and faculty members.

The Department continuously strives to provide quality education, encourage research and innovation, and nurture the technical and professional skills of students. Through workshops, seminars, technical events, hackathons, project exhibitions, and other academic activities, we aim to create a vibrant learning environment that prepares students to meet the challenges of the rapidly evolving technological world.

This edition highlights the significant milestones achieved by our students and faculty, their participation in various academic and extracurricular activities, and the initiatives undertaken to promote experiential learning, teamwork, leadership, and problem-solving skills.

I sincerely appreciate the efforts of the editorial team, faculty coordinators, and student contributors who have worked diligently to bring this newsletter to life. I also extend my heartfelt congratulations to all those who have contributed to the achievements featured in this edition.

Let us continue our journey towards excellence through dedication, collaboration, creativity, and lifelong learning. I hope this newsletter inspires our readers to explore new opportunities, embrace innovation, and strive for greater accomplishments.

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ABOUT DEPARTMENT

NEC Website: https://www.nrtec.in/

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CSE(AI) - STUDENT STRENGTH PARTICULARS

- 2022 Batch (Regular) - 57
- 2023 Batch (Lateral Entry) – 06
- 2023 Batch (Regular) – 113
- 2024 Batch (Lateral Entry) – 10
- 2024 Batch (Regular) – 192
- 2025 Batch (Lateral Entry) – 18

DEPARTMENT MEETINGS – Date of Meeting

- Department Meeting 1 –10-11-2025
- Department Meeting 2 –20-12-2025

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FACULTY FOCUS

FDPs ATTENDED:

- **J. Syambabu** Computer Science and Engineering Narasaraopeata Engineering College has actively participated in the one day Faculty Development Program on **"Cyber Security Essentials for the Digital era"** organised by the department of computer science and engineering in Sri Chandra Sekharendra Saraswathi Viswa Maha vidyalaya.
- **Dr. V V A S Lakshmi**, Professor of Narasaraopeta Engineering College has successfully participated & completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on **Next GEN Computing HPC, AI & Quantum Technologies** at G L **Bajaj Group of Institutions** from 9th Feb to 14th Feb 2026.
- **N. Siva Rama Krishna** has been participated in the 5-Day Faculty Development Program on **Fundamentals of Quantum Computing** organised by **VIT-AP, Amravati.**
- **G.V. Neelimadhavi** has participated in the FDP on **Modern Web Development and AI Integration** under the Next Gen Employability Program.
- **Dr. V.V.A.S.Lakshmi, G.V.Neelimadhavi, G. Mahesh Babu, M. Sai Yaswanth, G. Nageswara Rao, P. Solmon, P. Sateesh Kumar, J. Syam Babu & P. Sardar Khan** for the Successful Completion of **a One Week Faculty Development Program** on **Emerging Trends and Challenges in Cyber Security** Organized by the Department of CSE(AIML) held from 25th August to 30th August 2025 **(KITS Autonomous)**
- **J. Syambabu** participated in **Faculty Development Program** on **Cloud Computing** Organized by the J B Institute of Engineering & Technology (JBIET), Hyderabad, Telangana in Collaboration with ExcelR Edtech Pvt. Ltd Date: 14th July to 18th July 2025.
- **G. Nageswara Rao & Ch. Padma** for the successfully completion of a One Week FDP (Hybrid) on **"Innovation & Research Opportunities in Cyber Security"** Organized by the Department of CSE (AIML) held from 27th October 2025 to 1st November 2025.
- **N. Siva Rama Krishna** has successfully participated & completed AICTE Training and Learning (ATAL) Academy FDP on **Demystifying Transformers: The Brains behind Generative AI** at Vellore Institute of Technology from 25th Aug to 30th Aug 2025.
- **P. Solmon, N. Siva Rama Krishna, A. Veemarao, J. Syam Babu & G. V Neelimadhavi** for the successful completion of 10 days Online International FDP on **"Transforming Research into Quality Publication: Tools, Techniques & Practices"** from 30th October 2025 to 8th November 2025 Organized by Department of Business Administration, Annamacharya University.

FDPs ORGANIZED:

- All the Heads of the Departments of Core Engineering Branches are hereby informed that the Department of CSE (AI) is organizing a One-Week Faculty Development Program (FDP) on **"Hands-on Faculty Development Program on Flutter for Android, iOS and Web Apps"** from 03-11-2025 to 08-11-2025. The program will be conducted by Mr. B. S. Manjanatha, Corporate Trainer from SkillDzire Technologies.

FACULTY ACHIEVEMENT:

- **Dr. V.V.A.S. Lakshmi** successfully completed the NPTEL Online Certification course on **Database Management System** conducted by IIT Kharagpur during July-Sep 2025.
- **Dr. S. Siva Nageswara Rao** successfully completed the NPTEL ELITE Online Certification course on **Operating System Fundamentals** conducted by IIT Kharagpur during July-Oct 2025.
- **Dr. K. Suresh Babu** successfully completed the NPTEL Online Certification course on **Python for Data Science** conducted by IIT Madras during July-Aug 2025.
- **P. Srinivasa Rao** successfully completed the NPTEL ELITE Online Certification course on **Deep Learning - IIT Ropar** conducted by IIT Madras during July-Oct 2025.
- **N. Siva Rama Krishna** successfully completed the NPTEL Online Certification course on **Introduction to Internet of Things** conducted by IIT Kharagpur during July-Oct 2025.
- **N. Siva Rama Krishna** successfully completed the NPTEL Online Certification course on **Python for Data Science** conducted by IIT Madras during July-Aug 2025.
- **D. Sreekanth** successfully completed the NPTEL ELITE Online Certification course on **Python for Data Science** conducted by IIT Madras during July-Aug 2025.

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- **G. Mahesh Babu** successfully completed the NPTEL Online Certification course on **Operating System Fundamentals** conducted by IIT Kharagpur during July-Oct 2025.
- **G. Mahesh Babu** successfully completed the NPTEL Online Certification course on **Deep Learning - IIT Ropar** conducted by IIT Madras during July-Oct 2025.
- **J. Syam Babu** successfully completed the NPTEL Online Certification course on **Introduction to Internet of Things** conducted by IIT Kharagpur during July-Oct 2025.
- **A. Veema Rao** successfully completed the NPTEL Online Certification course on **Software Engineeing** conducted by IIT Kharagpur during July-Oct 2025.
- **G. Mahesh Babu** for demonstrating competence in the completion of **Fundamentals of Deep Learning** on 26th September 2025.

WEBINARS , WORKSHOPS / TRAININGS PROGRAMS / OTHERS CONDUCTED

- All the II Year I Semester students are hereby informed that our department is going to organize a workshop on '**AWS Cloud Computing'** during 7th to 12th July 2025 in Association with ISTE student branch, ACM, CSI with the aim of enhancing our students' skills.







- All the IV Year I Semester students are hereby informed that our department is going to host a guest lecture on 'Prompt Engineering ' on August 6, 2025 in Association with Techno Elite Student Club (TESC).





- All the III Year I Semester students are hereby informed that our department is going to host a guest lecture on "**Cloud Computing Gateway to a High-Demand Tech Career"** on August 11, 2025 in Association with IIC, ISTE,Techno Elite Student Club (TESC).

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- All The IV Year I Semester Students are Here by Informed That our Department will be Conducting a seminar on **"Power Automate"** on August 12, 2025 In Association With Indian Society for Technical Education (ISTE), Techno Elite Student Club With The aim of Enhancing Our Students' Skills.





- All the IV Year I Semester students are hereby informed that our department is going to organize a one-day Hack-a-thon on **"Competitive Programming"** on 2nd August 2025 in association with Indian Society for Technical Education (ISTE).





- All the II & III Year I Semester students are hereby informed that our department and Technoelite students club are going to organize an exciting **"MCQ Quiz Competition"** On the occasion of Engineers' day on September 12, 2025.



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- All the IV Year I Semester students are hereby informed that our department is going to host a guest lecture on **Peer Learning** on **"Threat Hunting: Techniques & Practices in Cyber Security"** on September 12, 2025 in Techno Elite Student Club (TESC).





- All the III Year I Semester students are hereby informed that our department is going to organize a workshop on '**Building the Future - Practical Applications of Generative AI and LLM Models'** during 24th – 29th November, 2025 in Association with ISTE student branch, TESC with the aim of enhancing our students' skills.





- All the II Year II Semester students are hereby informed that our department is going to organize a workshop on " **Python, NumPy & Pandas with EDA & Projects (Fynity Innovations)"** on **15th to 19th December 2025** in Association with ISTE student branch, ACM, CSI with the aim of enhancing our students' skills.



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❖ All the II Year I Semester students are hereby informed that our department is going to organize a one day seminar on **"Innovating with Data: Awareness Program on Data Science and AI/ML Technologies"** on December 03, 2025 in association with Techno Elite Student Club (TESC).





STUDENT FOCUS

EXTRA CIRRCULAR ACTIVITIES

STUDENT ACHIEVEMENTS:-

A) No.of Students Participated in State Level events (CAYm4-2025-26)

S.No.	Roll Number	Name of the Student	Name of the Event	State / National / International	Date of Event	Name of the award if any	Acd. Year	ORGANIZED BY
1	23471A4410	G. ANURADHA	BADMINTON	STATE	12.10.2025	Participation	2025-26	HINDU COLLEGE OF ENGINEERING & TECHNOLOGY

B) No. of students Participated in National Level /International events (CAYm4-2025-26)

1	23471A4611	D. VEERANJANEYULU	BUILD WITH AI	National	24-12-25	Participation	2025-26	R.V.R. & J.C COLLEGE OF ENGINEERING
2	23471A4615	G. SUBBARAO	BUILD WITH AI	National	24-12-25	Participation	2025-26	R.V.R. & J.C COLLEGE OF ENGINEERING
3	23471A4611	D. VEERANJANEYULU	AGENTATHON	National	20-12-25	Participation	2025-26	MALLA REDDY UNIVERSITY, HYD
4	23471A4698	SK. AFREED	AGENTATHON	National	20-12-25	Participation	2025-26	MALLA REDDY UNIVERSITY, HYD
5	23471A45A0	SK. EHASIM SAIDA	AGENTATHON	National	20-12-25	Participation	2025-26	MALLA REDDY UNIVERSITY, HYD
6	23471A4615	G. SUBBARAO	AGENTATHON	National	20-12-25	Participation	2025-26	MALLA REDDY UNIVERSITY, HYD

C) No. of Students Received Prizes/Awards in such events (CAYm4-2025-26)

S.No.	Roll Number	Name of the Student	Name of the Event	State / National / International	Date of Event	Name of the award if any	Acd. Year	ORGANIZED BY
1	23471A4300	O. APURADHA	SHUTTLE BADMINTON TOURNAMENT	National	12/09/2025	3rd PRIZE	2025-26	NARASARAOPET ENGINEERING COLLEGE,NTY
2	23471A45A0	B. DHANUSH	ON AWS CLOUD COMPUTING	STATE	7/04/2025	1st Prize	2025-26	NARASARAOPET ENGINEERING COLLEGE

❖ II Year CSE (AI) Student has won the Batminton Game in Hindu College Fest.



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ACADEMIC TOPPERS:

- The following students are secured with highest marks in their respective semester results.



STUDENT'S VOICE:

As a Fourth year student. I would like to share my experience in Narasaraopeta Engineering College. Till now I had completed two semesters & participated so many competitions in & out of the campus, to improve my skills.

Our department faculty so supportive & encourage me to participate in various programs like Technical Quiz, paper Presentations & Cultural activities to eliminate stage fear. NEC College provides Pradhan Mantri Yuva Yojana Programs for students to implement their ideas as an entrepreneurs.



23471A43AG
B. Dhanush

CONTACT INFORMATION

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