

## DEPARTMENT OF INFORMATION TECHNOLOGY

A.Y. 2024-25

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# ITgdrasil

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Professor & Head

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**Mr. U. Vijay Kumar**  
Assistant Professor

**Mr. T. V. MANOHAR**  
Assistant Professor

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**SK .SHABNAM** - 22471A1251  
II - B.Tech. - IT

**SK. A. FIROZ** - 22471A1244  
II - B.Tech. - IT

**K V HARI PAVAN** - 2147A1231  
III - B.Tech. - IT

**N NEELIMA** - 21471A1244  
III - B.Tech. - IT

**SK M ASMATH** - 20471A1253  
IV - B.Tech. - IT

**M SAI KRISHNA** - 20471A1246  
IV - B.Tech. - IT



#### VISION OF THE DEPARTMENT

To transform into a research and technological hub to develop prominent IT professionals to serve the needs of industry and society.

#### MISSION OF THE DEPARTMENT

The department of Information Technology is committed to  
M1: Induce preliminary and contemporary IT principles of the industry among the students.  
M2: Develop strong force of students to solve the real time problems of the IT industry.  
M3: Incubate the students with emerging entrepreneur intelligence.

#### PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

The graduates of the program are able to:

- PEO 1** Apply the knowledge of mathematics, science and engineering fundamentals to identify and solve IT and engineering problems.
- PEO 2** Use various software tools and technologies to solve problems related to Academia, Industry and society.
- PEO 3** Work with ethical and moral values in the multi-disciplinary teams and can Communicate effectively among team members with continuous learning.
- PEO 4** Pursue higher studies and develop their career in software industry.

#### PROGRAM SPECIFIC OUTCOMES (PSOs)

Students will be able to:

- PSO 1** Ability to analyze and develop computer programs in the areas related to Algorithms, system software, application software, web design, big data analytics, database design and networking for efficient design of computer based systems of varying complexity.
- PSO 2** Design, implement and evaluate a computer-based system to meet desired needs.
- PSO 3** Develop IT application services with the help of different current engineering tools.

#### PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to:

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6: The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10: Communications:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

### Inspirational Quotes

The best way to predict the future is to create it





# DEPARTMENT OF INFORMATION TECHNOLOGY & ARTIFICIAL INTELLIGENCE

Bounty "The quicker picker upper"

## Vision

To emerge as a Centre of excellence in technical education with a blend of effective student centric teaching learning practices as well as research for the transformation of lives and community

## Mission

Provide the best class infrastructure to explore the field of engineering and research.

Build a passionate and a determined team of faculty with student centric teaching, imbibing experiential and innovative skills.

Imbibe lifelong learning skills, entrepreneurial skills and ethical values in students for addressing societal problems.

## NEW TRENDS IN TECHNOLOGY:

### Computing Power:

Computing power has already established its place in the digital era, with almost every device and appliance being computerized. And it's here for even more as data science experts have predicted that the computing infrastructure we are building right now will only evolve for the better in the coming years. At the same time, we have 5G already; gear up for an era of 6G with more power in our hands and devices surrounding us. Even better, computing power is generating more tech jobs in the industry but would require specialized qualifications for candidates to acquire. From data science to robotics and IT management, this field will power the largest percentage of employment in every country. The more computing our devices will need, the more technicians, IT teams, relationship managers, and the customer care economy will flourish.

One essential branch under this field that you can learn today is RPA, i.e. Robotic Process Automation. At Simplilearn, RPA is all about computing and automation software that can train you for a high-paying role in the IT industry. Here are the top jobs you can target after RPA:

1. Data Scientist
2. AI Engineer
3. Robotics Researcher
4. AI Architect
5. Robotics Designer

Elevate your expertise in the digital age through our cutting-edge Cyber security Boot camp. Stay two steps ahead of cyber threats as you immerse yourself in hands-on training, mastering the latest defines strategies and ethical hacking techniques. Join us to become the guardian that every digital realm needs.

## FACULTY FOCUS:

### Publications/ Conferences/FDP:

1. Dr. Jhansi Vazram Bolla of the Department of Information Technology presented a research paper titled 'Chronic Net: Random Forest Classifier-based Chronic Heart Failure Detection with CNN Feature Analysis' at the IEEE International Conference on Communication Systems and Network Technologies (CSNT-2024), showcasing innovative applications of machine learning in healthcare.



2. G. Nagendram was awarded Participation certificate from EXCELR for successful completion of 30 hours live training program on DIGITAL MARKETING held from 20th June 2024 to 10th July 2024.



3. G. Nagendram was awarded Participation certificate from Latest developments in RF technologies in 5G and beyond between 31/07/24 to 6/08/24.

4. G. Nagendram was awarded Participation certificate from Exploring new frontiers in teaching tools, AI and data analytics between 29/07/24 to 02/08/24.

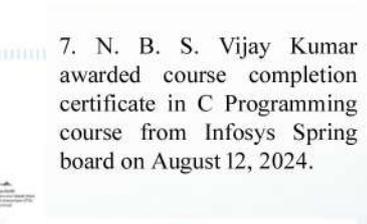


5. M. Ravindra Babu Participated in 10 Hours International Faculty Development Program on AI And Gen AI with Industry Application. Between 16 th July to 22nd July 2024.

6. Jaya Prakash Koyyalamudi was awarded Participation Certificate on Faculty Enablement Program on Artificial Intelligence from Infosys Springboard. Between June 24, 2024 to June 28, 2024.



7. N. B. S. Vijay Kumar awarded course completion certificate in C Programming course from Infosys Spring board on August 12, 2024.



8. N. B. S. Vijay Kumar awarded course completion certificate in CompTIA Security+: Virtualization, Cloud Computing, & Cloud Cyber security Solutions from Infosys Spring board on August 10, 2024.



9. G. Nagendram was awarded Participation Certificate in a workshop "AI for Students build your own Generative AI Model".

10. G. Nagendram has attended six days online faculty development program on “Industrial application of Embedded systems and IOT.



12. B. Veera Brahmam was successfully completed the Faculty Development Program on Cloud Architects and received a participation certificate.



13. P. Vijaya Lakshmi was successfully completed the Faculty Development Program on Cloud Architects and received a participation certificate.



14. P. Neelima was successfully completed the Faculty Development Program on Cloud Architects and received a participation certificate.

**FACULTY ACHIEVEMENTS:**



1. Sk Mohammed Jany got a Completion Certificate for Completing a 1-Day Workshop ,conducted by Office Master on Excel Using AI on 14th July 2024.

1. N. B. S. Vijay Kumar, P. Vijaya Lakshmi Presented “Classification of Images through Deep learning” INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN SUSTAINABLE ENERGY, MATERIALS, AND MANUFACTURING TECHNOLOGY: ICASMMT2024 organised by MLRIT at Hyderabad from 13–14 September 2024, AIP Conf. Proc. 3342, 030019 (2025).<https://doi.org/10.1063/5.0296094>

2. P. Neelima Presented “AI Driven Intelligent Forecasting of Medical Conditions with random Forest Classifier and Naïve Bayes” INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN SUSTAINABLE ENERGY, MATERIALS, AND MANUFACTURING TECHNOLOGY: ICASMMT2024 organised by MLRIT at Hyderabad from 13–14 September 2024, AIP Conf. Proc. 3342, 030019 (2025), <https://doi.org/10.1063/5.0296094>

3. Dr.B.Jhansi Vazram, K.Sireesha Presented “An Assessment on the Significance and Advancement of Cloud Security Through the Usage of Privacy-Related Data Sharing .” International Conference on Intelligent Computing and Communication organised by ICICC 2024. At Hyderabad from 30–31 August 2024, PP 25-33, [https://link.springer.com/chapter/10.1007/978-981-96-1267-3\\_3](https://link.springer.com/chapter/10.1007/978-981-96-1267-3_3)

4. Publication Achievement : G. Nagendram has published a scholarly work titled “Utilizing Advanced AI to Revolutionize Business Intelligence” with IGI Global Scientific Publishing. ISBN: 9798337305530

5. G. Nagendram was published a Paper Title is Enhancing Breast Cancer Prediction: Leveraging Convolutional Neural Networks, This Paper Results are Published in International Journal For Research in Applied Science and Engineering Technology, Volume 12, Issue VII, July 2024

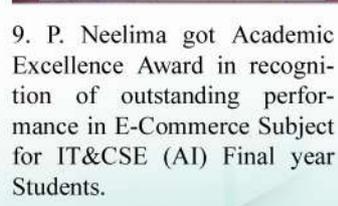


6. G. Nagendram was awarded Participation Certificate National Awareness Quiz on NEP-2020.

7. Dr. B. Jhansi Vazram was recognized for her outstanding achievement in Cyber Security, Cryptography, and Network Security with the Academic Excellence Award, boasting impressive pass percentages of 95.65% and 96.99%.



8. U. Vijay Kumar got Academic Excellence Award in recognition of outstanding performance in Natural Language Processing Subject for IT & CSE(AI) Final year Students.



10. Sk. Mohammed Jany was recognized for his outstanding achievement in Artificial Neural Network, Machine Learning with the Academic Excellence Award, boasting impressive pass percentages of 95.65% and 95.05%.

11. K. Sireesha received the Academic Excellence Award for outstanding achievement in Cloud Computing and Design and Analysis of Algorithms, achieving a remarkable pass percentage of 95.08 and 98.33%.



12. T.V. Manohar was recognized for his outstanding achievement in Operating systems, Design Thinking and Innovation with the Academic Excellence Award, boasting impressive pass percentages of 98.36% and 100%.



13. G. Nagendram received the Academic Excellence Award for outstanding achievement in Digital Marketing, achieving a remarkable pass percentage of 98.53%.



14. P. Vijaya Lakshmi received the Academic Excellence Award for outstanding achievement in Human Computer Interaction, achieving a remarkable pass percentage of 98.53%.



15. M. Ravindra Babu received the Academic Excellence Award for outstanding achievement in Advanced Data Structures, achieving a remarkable pass percentage of 96.61%.

16. T. V. Manohar (IT) attended a Two-Day Workshop on "Design Thinking & Innovation" at UCEN, conducted from 20–21 December 2024, organized by JNTUK.

**DEPARTMENTAL ACTIVITIES:**  
Workshops/ Seminars / Industrial visits/

Department was conducted a CRC meeting for IV BTECH I SEM OF IT on 22-07-2024.



Department was conducted a CRC meeting for III BTECH I SEM OF IT on 27-07-2024.

78th Independence Day Celebrations organized by NEC College and Department of Information Technology actively participated in this event on 15-08-2024.



Dr. B. Jhansi Vazram (HOD of IT) had presented a PPT template of a Smart India Hackathon (SIH) on 04th Sep 2024.

The Department of Information Technology faculty received Academic Excellence Awards from the Principal of NEC, Dr. Venkateswarlu, during the Teacher's Day celebrations held on 05-09-2024.



Freshers' Day-2024 was conducted on 20-09-2024. All I B.Tech and II B.Tech students actively participated in the event along with the faculty and students of the Information Technology Department.



The Internal academic audit for our department has been successfully concluded on 25/9/24 for the year of 2024 to 2025.

II,III, and IV B tech IT Girl Students have attended a meeting i.e., "Girls Safety & Grievance Redressal Committee" Conducted by Girl Safety and Grievance Cell on 26/9/2024.



Dr. B. Jhansi Vazram (HOD of IT) and her team have successfully completed the Internal academic audit for the Department of BS&H.

CRC Meeting was conducted for III B.TECH I SEM OF IT on 08-10-2024.



The Parent-Teacher meeting will take place for II, III, IV IT students in the IT department on October 23, 2024.



CRC Meeting (2nd) was conducted for IV B.TECH I SEM of IT on 26-08-2024



Department of IT presents a One-Week Hands-on Bootcamp on Cyber Security for III B. Tech IT Students, December 2nd to 7th December 2024.

**STUDENT FOCUS :**

**Webinars :**

Department of IT conducted PPT Presentation and Code Elites contest for IV B. Tech and III B. Tech IT Students on 7/8/24.



IV B. Tech-I Semester Students that “A 5-Day Workshop on DEVOPS(CI-CD) AUTOMATION” is scheduled during 02/09/24 to 6/09/24 in Tech Hub.

The Department of IT conducted a Java Full stack Workshop for III B. Tech I Sem of IT Students on 25/9/2024.



**STUDENT CERTIFICATIONS/ PARTICIPATIONS IN WORKSHOPS / CONFERENCES/NSS PROGRAMS:**

**CO-CURRICULAR ACTIVITIES:**

**NPTEL**

Segu Akash successfully completed the NPTEL course “The Joy of Computing Using Python” with a consolidated score of 56%.



**Academic Toppers:**

The following students are toppers in the end examinations in their respective classes.



**Training Programs and Drives :**

S.No	Year	Training	Duration
1.	1-1	Hackathon Express – Fast track to coding Excellence	15-06-2024 to 18-06-2024
2	4-1	Advanced Communication Skills and Interview Skills	26-06-2024 to 6-07-2024
3	4-1	Accenture Specific Training Phase 2	18-07-2024 to 31-07-2024
4	4-1	Wipro Talent Next	3-06-2024 to 28-08-2024
5.	3-1	CRT Training	5-08-2024 to 26-10-2024
6.	2-1	CRT Training	19-08-2024
7.	3-1	Accenture PINCO App & Coding Practice Sessions	18-09-2024 to 21-09-2024
8.	4-1	Accenture Specific Training Phase 3	23-09-2024 to 28-09-2024
9	4-1	Accenture Communication Building and Interview Preparation	26-09-2024 to 5-10-2024
10	4-1	Accenture Aptitude and Verbal Session	30-09-2024 to 4-10-2024
11	3-1 2-1	Bytexl CRT Assessments	21-10-2024 to 26-10-2024
12	4-1	KPIT Company Specific Training	1-11-2024 to 6-11-2024

**ALUMNI VOICE:**

The infrastructure of a college plays a vital role in the development of the college as the students are now focusing on the labs, classrooms, etc. while selecting a college. It is important that the colleges have very good infrastructure with advanced laboratories equipped with state-of-the-art equipment etc. Only then the students can get hands on experience with the latest technologies. Computing resources are one of the important and mandatory needs of a college.



**SK. M. ASMATH**  
20471A1253  
Company: Detect Technologies  
Role: Associate Software Engineer  
Location: Chennai

**STUDENT VOICE:**

Narasaraopet Engineering College is one of the prestigious and renowned institute in this region. It is a privilege to be the part of this institution. I like the faculty and I feel I had the best environment for my studies I learned many new things from my teachers who were very helpful in every way they could. The teacher-student interaction was great. The teachers were very friendly because of which I could clarify many of my doubts. High quality teaching, assessments and management of learning, regular and reliable feedback on student progress and achievements.



**K. V. SAROJINI**  
21471A1226  
IV B.TECH I SEM -IT



### Vision

To emerge as a Centre of excellence in technical education with a blend of effective student centric teaching learning practices as well as research for the transformation of lives and community

### Mission

Provide the best class infrastructure to explore the field of engineering and research.

Build a passionate and a determined team of faculty with student centric teaching, imbibing experiential and innovative skills.

Imbibe lifelong learning skills, entrepreneurial skills and ethical values in students for addressing societal problems.

### NEW TRENDS IN TECHNOLOGY:

#### Generative-AI :

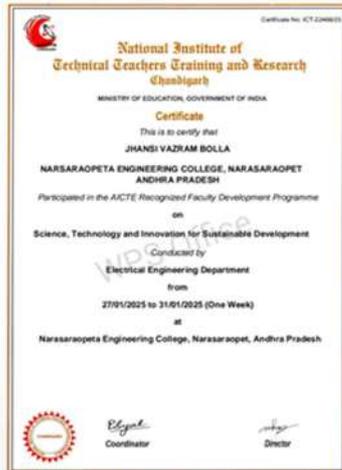
Generative AI, a cutting-edge technology, has revolutionized various industries by enabling machines to create content that resembles human-generated work. It encompasses a wide range of applications, from text generation to image synthesis and even music composition. After mastering generative AI, individuals can pursue exciting job roles in fields such as artificial intelligence research, data science, and creative industries. The ever-expanding applications of generative AI promise a bright future for those who master this technology, offering opportunities to shape how we interact and create content in the digital age. Some of the top job roles include:

- AI Researcher, where you can delve deep into the development of advanced generative models.
- Data Scientist, using generative AI to extract valuable insights from data.
- Content Creator, harnessing generative AI for innovative storytelling.
- AI Ethics Consultant, addressing the ethical implications of AI-generated content

### FACULTY FOCUS:

#### Publications/ Conferences/FDP:

Dr. Jhansi Vazram Bolla of Narasaraopet Engineering College successfully participated in the AICTE-recognized One-Week Faculty Development Programme on Science, Technology and Innovation for Sustainable Development, conducted by the Electrical Engineering Department from 27-01-2025 to 31-01-2025.



M. Ravindra Babu was awarded a Paper in the International Conference on AI and ML for sustainable development organised at Malla Reddy Engineering college, Hyderabad, held on 21 & 22 February,2025



K. Sireesha was awarded a Paper in the International Conference on AI and ML for sustainable development organised at Malla Reddy Engineering college, Hyderabad, held on 21&22 February,2025.



- Dr. Shaik Mohammed Jany "Image -To-Text Intelligence and Machine Learning Framework for Dynamic Caption Generation", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- Dr. B. Jhansi Vazram "Image -To-Text Intelligence and Machine Learning Framework for Dynamic Caption Generation", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- B. Veera Brahman "Machine Learning Approaches to chronic kidney disease prediction: key factors and Algorithms", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- Dr. B. Jhansi Vazram "Machine Learning Approaches to chronic kidney disease prediction: key factors and Algorithms", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- P.Santhi "Enhanced Credit card fraud Detection through Logistic regression and SVM Techniques", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- T. Venkata Manohar "Enhanced Credit card fraud Detection through Logistic regression and SVM Techniques", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
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- T. Venkata Manohar "Efficient detection of tampered Images using CNN", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- K. Sireesha "Efficient detection of tampered Images using CNN", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- Dr. B. Jhansi Vazram "Efficient detection of tampered Images using CNN", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- T. Venkata Manohar "optimizing airline Fare Predictions with machine Learning Algorithms", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.

- Dr. B. Jhansi Vazram "optimizing airline Fare Predictions with machine Learning Algorithms ", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- Dr. B. Jhansi Vazram "Potato Leaf Diseases Detection using CNN", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- U. Vijay Kumar "Infant Cry Classification through machine learning and deep learning", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- Dr. B. Jhansi Vazram "Infant Cry Classification through machine learning and deep learning", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- G. Nagendram "Infant Cry Classification through machine learning and deep learning", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- Dr. B. Jhansi Vazram "Enhancing Brain Tumour detection with CNN's and SMOTE based data augmentation", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- N.B.S Vijay Kumar "Enhancing Brain Tumour detection with CNN's and SMOTE based data augmentation", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
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- K. Sireesha "Potato Leaf Diseases Detection using CNN", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- Dr. B. Jhansi Vazram "Diabetes machine learning for early detection", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- G. Nagendram "Flight fare prediction using machine learning", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- T. Venkata Manohar "voice assignment using Artificial Intelligence", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
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- T. Venkata Manohar" Skin cancer detection using combined deep learning models ", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- Dr.B.Jhansi Vazram "personality prediction using machine learning and NLP ", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- U. Vijay Kumar "personality prediction using machine learning and NLP ", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.

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- Dr.B.Jhansi Vazram "bridging the communication gap with deep learning-based sign language recognition", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
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- U. Vijay Kumar "Designing an advanced medical chatbot", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- Dr.Shaik Mohammed Jany "Empowering hate speech detection with BERT and traditional deep learning models", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- P. Neelima "Empowering hate speech detection with BERT and traditional deep learning models", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- Dr.B.Jhansi Vazram "A Hybrid resNext GRU Model for online payment fraud Detection", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- B. Veera Brahmam "A Hybrid resNext GRU Model for online payment fraud Detection", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.
- K. Sireesha "A Hybrid resNext GRU Model for online payment fraud Detection", International Conference on Artificial Intelligence and Machine Learning for Sustainable Development (ICAMSD 2025), organized at Malla Reddy Engineering College, Hyderabad.

Dr. B. Jhansi Vazram (IT) and N. B. S. Vijay Kumar (IT) participated in the FDP on "Science, Technology and Innovation for Sustainable Development", held at Narasaraopet Engineering College (NEC) from 27–31 January 2025, organized by NITTTR.

Dr. Jhansi Vazram Bolla received a participation certificate for successfully completing the One-Week Faculty Development Program on "React Js Concepts", held from 12 May 2025 to 17 May 2025, and organized by Narasaraopet Engineering College in association with SkillDzire.

Dr. Sk. Mohammed Jany received a participation certificate for successfully completing the One-Week Faculty Development Program on "React Js Concepts", held from 12 May 2025 to 17 May 2025, and organized by Narasaraopet Engineering College in association with SkillDzire.

T.V. Manohar received a participation certificate for successfully completing the One-Week Faculty Development Program on "React Js Concepts", held from 12 May 2025 to 17 May 2025, and organized by Narasaraopet Engineering College in association with SkillDzire.

U. Vijay Kumar received a participation certificate for successfully completing the One-Week Faculty Development Program on "React Js Concepts", held from 12 May 2025 to 17 May 2025, and organized by Narasaraopet Engineering College in association with SkillDzire.

P. Santhi received a participation certificate for successfully completing the One-Week Faculty Development Program on "React Js Concepts", held from 12 May 2025 to 17 May 2025, and organized by Narasaraopet Engineering College in association with SkillDzire.

P. Neelima received a participation certificate for successfully completing the One-Week Faculty Development Program on "React Js Concepts", held from 12 May 2025 to 17 May 2025, and organized by Narasaraopet Engineering College in association with SkillDzire.

K. Sireesha received a participation certificate for successfully completing the One-Week Faculty Development Program on "React Js Concepts", held from 12 May 2025 to 17 May 2025, and organized by Narasaraopet Engineering College in association with SkillDzire.

M. Ravindra Babu received a participation certificate for successfully completing the One-Week Faculty Development Program on "React Js Concepts", held from 12 May 2025 to 17 May 2025, and organized by Narasaraopet Engineering College in association with SkillDzire.

B. Veera Brahmam received a participation certificate for successfully completing the One-Week Faculty Development Program on "React Js Concepts", held from 12 May 2025 to 17 May 2025, and organized by Narasaraopet Engineering College in association with SkillDzire.

Dr. Jhansi Vazram Bolla received a participation certificate for successfully completing the One-Week Faculty Development Program on "Revolutionizing Education with Generative AI: Teaching and Learning Strategies", held from 10 March 2025 to 15 March 2025, and organized by Narasaraopet Engineering College in association with Black Bucks.

T.V. Manohar received a participation certificate for successfully completing the One-Week Faculty Development Program on "Revolutionizing Education with Generative AI: Teaching and Learning Strategies", held from 10 March 2025 to 15 March 2025, and organized by Narasaraopet Engineering College in association with Black Bucks.

U. Vijay Kumar received a participation certificate for successfully completing the One-Week Faculty Development Program on "Revolutionizing Education with Generative AI: Teaching and Learning Strategies", held from 10 March 2025 to 15 March 2025, and organized by Narasaraopet Engineering College in association with Black Bucks.

P. Santhi received a participation certificate for successfully completing the One-Week Faculty Development Program on "Revolutionizing Education with Generative AI: Teaching and Learning Strategies", held from 10 March 2025 to 15 March 2025, and organized by Narasaraopet Engineering College in association with Black Bucks.

K. Sireesha received a participation certificate for successfully completing the One-Week Faculty Development Program on “Revolutionizing Education with Generative AI: Teaching and Learning Strategies”, held from 10 March 2025 to 15 March 2025, and organized by Narasaraopet Engineering College in association with Black Bucks.

P. Neelima received a participation certificate for successfully completing the One-Week Faculty Development Program on “Revolutionizing Education with Generative AI: Teaching and Learning Strategies”, held from 10 March 2025 to 15 March 2025, and organized by Narasaraopet Engineering College in association with Black Bucks.

P. Vijaya Lakshmi received a participation certificate for successfully completing the One-Week Faculty Development Program on “Revolutionizing Education with Generative AI: Teaching and Learning Strategies”, held from 10 March 2025 to 15 March 2025, and organized by Narasaraopet Engineering College in association with Black Bucks.

M. Ravindra Babu received a participation certificate for successfully completing the One-Week Faculty Development Program on “Revolutionizing Education with Generative AI: Teaching and Learning Strategies”, held from 10 March 2025 to 15 March 2025, and organized by Narasaraopet Engineering College in association with Black Bucks.

N.B.S. Vijay Kumar received a participation certificate for successfully completing the One-Week Faculty Development Program on “Revolutionizing Education with Generative AI: Teaching and Learning Strategies”, held from 10 March 2025 to 15 March 2025, and organized by Narasaraopet Engineering College in association with Black Bucks.

B. Veera Brahmam received a participation certificate for successfully completing the One-Week Faculty Development Program on “Revolutionizing Education with Generative AI: Teaching and Learning Strategies”, held from 10 March 2025 to 15 March 2025, and organized by Narasaraopet Engineering College in association with Black Bucks.

**DEPARTMENTAL ACTIVITIES:**

**Workshops/ Seminars / Industrial Visits/ Webinars:**

As part of Jubilation-2025, The IT and CSE departments at Narasaraopet Engineering College hosted the Tech Trove Hunt event on February 10, 2025.



International Women's Day was conducted on 8/3/25 by NEC college, Narasaraopet.



**Women's Day celebrations saw impressive wins from our department:**

Y. Rajya Lakshmi (III IT) topped Chess, followed by M. Meghana (III IT) in 2nd place. Ch. Pujitha (III IT) won Consolation-I in Essay Writing, while Sd. Nazma (II IT) took the top spot in Short Film.



**IDEATHON 2025: A Resounding Success!**

On April 24, 2025, over 30 teams from II Year IT showcased their innovative ideas at the IDEATHON event, presenting their pitches via engaging PPTs. A thrilling display of creativity and tech-savvy solutions!



The Department of Information Technology organized a One-Week Faculty Development Program on React JS Concepts from 12th to 17th May 2025 in Computer Lab (2304), Block-2, Narasaraopet Engineering College.

The program was coordinated by N. B. S. Vijay Kumar, Assistant Professor, Department of IT. The resource person was Y. Surya Narayana, Associate Consultant, Skill Dzire.

The Department of Information Technology is going to organize a One-Week Faculty Development Program on Revolutionizing Education with Generative AI: Teaching and Learning Strategies from 10th to 15th March 2025 at Computer Lab (2304), Block-2, Narasaraopet Engineering College.



The program will be coordinated by Dr. K. Suresh Babu, Associate Professor, Department of IT. The resource person will be Mr. Dheeraj Koganti, Partnerships Manager, Black Bucks.

**STUDENT FOCUS:**



A workshop on "Think ML: Learn, Build, Innovate" was held for II B. Tech IT students, organized by the Department of IT, from February 14 to 19, 2025.

A one-week workshop on Python with Django organised by IT Department and Purple Technologies Resource Person Mr. Rama Krishna for II B. Tech IT Students from 24/3/2025-29/3/2025 in 2304 lab Block-2.



**Training Programs and Drives:**

S.no	Dept.	Year	Training	Duration
1.	IT	4th	Infosys	6 <sup>th</sup> – 10 <sup>th</sup> January 2024
2.	IT	4 <sup>th</sup>	Infosys Mock HR&TR Round	20 <sup>th</sup> - 21 <sup>st</sup> January 2024
3.	IT	2nd	CRT Training	11 <sup>th</sup> – 18 <sup>th</sup> February
4.	IT	4 <sup>th</sup>	Pentagon Space	20 <sup>th</sup> February
5.	IT	4 <sup>th</sup>	Cognizant	21 <sup>st</sup> March
	IT	2 <sup>nd</sup>	CRT Training	7 <sup>th</sup> – 12 <sup>th</sup> April

**STUDENT CERTIFICATIONS / PARTICIPATIONS IN WORKSHOPS / CONFERENCES/NSS PROGRAMS: CO-CURRICULAR ACTIVITIES:**

Sd. Nazma from II B tech IT 2nd prize in the category of short film at MAM college fest on 14th March 2025.



Sd. Nazma from II B tech IT 2nd prize in the category of short film at MAM college fest on 14th March 2025.



**NPTEL**



Kanjula Supraja successfully completed the NPTEL course "Introduction of Internet of Things" with a consolidated score of 63%.

**Academic Toppers**

The following students are toppers in the end examinations in their respective classes.



**ALUMNI VOICE:**

"Hey there, fellow alumni! Looking back on my journey at Narasaraopeta Engineering College fills me with gratitude and nostalgia. The rigorous coursework, coupled with hands-on projects, challenged me to think critically and creatively. The diverse student body and supportive faculty fostered a collaborative learning environment, where we could exchange ideas and grow together. Beyond academics, the college offered numerous opportunities for personal and professional development, from internships to industry interactions. As an alum, I'm proud to carry the values and skills instilled in me by Narasaraopeta Engineering College into my career and life."



**P. Mohammad Azam**  
20471A1246 - IT  
Software Engineer Trainee  
Godigit, Hyderabad

**STUDENT VOICE:**

"Hi everyone, just wanted to share my experience at Narasaraopeta Engineering College. The campus is equipped with state-of-the-art facilities, including well-equipped labs and a vast library, which has been instrumental in my learning journey. The college also encourages participation in various technical and cultural events, providing ample opportunities for holistic development. Moreover, the faculty members are not only experts in their fields but also approachable and supportive. Overall, my time here has been enriching, and I'm grateful to be a part of this institution."



**B. Srinivasa Reddy**  
21471A1206 - IT  
IV B.TECH II SEM – IT