# Department Newsletter

## Department of Computer ScienceAndEngineering

# CSE TODAY





**MALLINENI LAKSHMAIAH
WOMEN'S ENGINEERING COLLEGE**

# Institute Vission Mission

## Vision:

To be a pioneer institute in engineering education, fostering academic excellence, and producing empowered women engineers, blended with ethics and values, to serve the society.

## Mission:

- To achieve academic excellence through innovative teaching-learning practices

- To inculcate self-discipline, ethics, and values amongst the learners

- To bridge the gap between industry and academia through the industry-institute interface

- To promote higher education, research and inculcate entrepreneurial attitude amongst the learners

# VISION

To emerge as the center of quality education in Computer Science and Engineering by promoting competent and woman engineers with ethical values to serve the society.



# VISION AND MISSION OF THE DEPARTMENT



## MISSION

✔ M1. To impart quality education through innovative teaching and learning methods

✔ M2. To inculcate ethical and social values among the students for improving their life skills.

✔ M3. To facilitate knowledge on updating technologies to meet industry requirements

# PROGRAM EDUCATIONAL OBJECTIVES

## PEOI

Graduates will be able to utilize fundamental knowledge to meet the dynamic needs of Computer Science and Engineering problems.

## PEO 2

Graduates will be able to accomplish in the domain of programming skills learned in their curriculum to become successful engineers

## PEO3

Graduates will be able to provide feasible and socially acceptable solutions to real life problems in the areas of Computer Science and Engineering

## PEO 4

Graduates will be able to acquire technical knowledge with leadership qualities, socialawareness and ethical values with commitment

# PROGRAM SPECIFIC OUTCOMES

## PSO 1

Familiar with open-ended programming environmentsto develop software applications

## PSO 2

Design and develop computer programs and computer-basedsystemsin the areas related toCloud Computing, Al and latest trending technologies

# ABOUT THE DEPARTMENT

Malineni Lakshmaiah Women's Engineering College is one of the leading Engineering Colleges, helping students to realize their dreams and to become valuable assets to thenation. The Department is committed to academic excellence in the fields of Computer Science, leading to develop students through academia and industry linkages. The Department of CSE started its journey of UG program B. Tech (CSE) in the year 2008 with an intake of 90 and PG program M. Tech (CSE) in the year 2012 initially with an intake of 24. At present the department has expanded to 360 students with UG program. The intellectual ambiance in the Department of CSE is conducive for the holistic development of the students. The main idea of the department is to equip young minds with technical skills, along with ethical values, so that they can make a meaningful contribution towards the development of country in the field of Computer Science and Engineering The Department has a team of good experienced and motivated academicians whose expertise spans the range of disciplines in Computer Science stream. There is a healthy work-culture and the students are eager to coup with the changes and demands of the Industry and Society. The Department goal is to provide students with a balance of intellectual and practicalexperiences that enable them to serve a variety of societal needs. In the department, students are nurtured to become best Software Professionals or Team Leaders in Industry or become Entrepreneurs in their own innovative way. Faculty also teach the students to work in teams, share their ideas, present, improve communication skills and join creative teams that make a positive difference. On behalf of the administration, Computer Science Department welcomes the students and wish them bright journey of learning in the field of Computer Science. The department is equipped with state-of-the-art laboratories and infrastructure to support hands-on learning, research, and innovation. With a dedicated faculty team and strong industry collaborations, the department provides students with opportunities for internships, projects, and placements in leading tech companies. Graduates of CSE are well-prepared to pursue careers in software development, data science, AI, cybersecurity, and various other domains in the rapidly evolving digital world.

# HOD'S MESSAGE

Dr.G.RAMA SWAMY, CSE HOD
MALLINENI LAKSHMAIAH
WOMEN'S ENGINEERING COLLEGE

## BE YOU BE THE DIFFERENCE!!!

It gives me immense pleasure to share the Achievementand activities of the Department of Computer Science and Engineering through this newsletter. Our department has always been at the fore front of innovation, research, and excellence in education. The continuous support of our faculty, students, and stakeholders has been instrumental in achieving our goals. Over the past semester, we have witnessed remarkable accomplishment in academic projects, technical advancements, and student-driven initiatives. Our focus on emerging technologies such as Artificial Intelligence, Machine Learning, Data Science, And Cyber security.Is preparing our students to excel in the competitive global environment.I

am proud of our students for their participation in hackathons, conferences, and internships, and I extend my heartfelt congratulations to them for their commendable efforts. I also applaud our faculty members for their dedication to foster in a vibrant learning environment and for their contributions to cutting-edge research. Looking ahead, we remain committed to creating an ecosystem that promotes holistic development, entrepreneurship, and lifelong learning. I encourage everyone to continue striving for excellence and contributing to the department's growth and success.

## BEST WISHES!

MALLINENI LAKSHMAIAH
WOMEN'S ENGINEERING
COLLEGE

# DEPARTMENT ACTIVITES

# FACULTY PATENTS

1. Dr.N.Ch Jaya Rao, Associate professor, has Published a patent An Image Recognition System with Convolution Neural Networks for Accurate Feature Extraction".

2. Mrs. V.saraswathi, Assistant Professor, has Published a patent "a Eluck chain-Based Cloud Storage System With Encrypted Data Retrieval".

Published a patent" An Image 3. Ms. D. Vijaya Lakshmi Assistant Professor, has Recognition System with Convolution Neural Networks for Accurate Feature Extraction".

# FACULTY DEVELOPMENT

1. Dr. G. Rama Swamy professor & hod has Participated in 5 Days Faculty Development Program on Cloud Architect Jointly organized by Vardhaman. Engineering College, Shamshabad Hyderabad, AVS Engineering College, Salem Tamil Nadu, 388 Science and Technology University, Mysore Karnataka, JB Institute of Engineering & Technology, Ranga Reddy Telangana, GMR Institute of Technology, Vizianagaram Andhra Pradesh, Santhiram Engineering College, Nandyal Andhra Pradesh in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 18st Nov to 22 nd Nov 2024.

2. Mr. AVVARU RAMA KRISHNA, Assistant Professor of MALINENI LAKSHMAIAH WOMENS ENGINEERING COLLEGE has successfully participated & completed AICTE Training And Learning (RTAL) Academy Faculty Development Program on Unlocking innovations with Blockchain and Generative Al at VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY from 02/12/2024 to 07/12/2024.

3. MBs. Murakonda Eharathi Rani, Assistant Professor Participated in Faculty Development Program on Al Applications in Banking and Healthcare Industry organized by K.J. Somaiya Institute of Technology Sion, Mumbai Maharashtra KLE Technological University, Dr. M & Sheshgiri Campus, Belagavi Karnataka Chaitanya Bharathi Institute of Technology Rutonomous, Hyderabad Telangana Adhiyamaan College of Engineering,Hosur - Tamil Nadu in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 12 th Dec to 18th Dec 2024.

4. Mrs. G. Sri Lakshmi Assistant Professor Participated in Faculty Development Program on Al Applications in Banking and Healthcare Industry organized by K.J. Somaiya Institute of Technology Sion, Mumbai Maharashtra KLE Technological University, Dr. MS Sheshgiri Campus, Belagavi Karnataka Chaitanya Bharathi Institute of Technology Rutonomous, Hyderabad Telangana Adhiyamaan College of Engineering, Hosur Tamil Nadu in Collaboration with Excell Edtech Pvt. Ltd. Date: 12 th Dec to 18th Dec 2024.

5. Mrs. V. Saraswathi Assistant Professor Participated in Faculty Development Program on Al Applications in Banking and Healthcare Industry organized by K.2. Somaiya Institute of Technology Sion, Mumbai Maharashtra KLE Technological University, Dr. M & Sheshgiri Campus, Belagavi Harnataka Chaitanya Bharathi Institute of Technology Autonomous, Hyderabad Telangana Adhiyamaan College of Engineering, Hosur Tamil Nadu in Collaboration with Excell Edtech Pvt. Ltd. Date: 12 th Dec to 18th Dec 2024.

6. Mrs. K.M.L.Priyanka, Assistant Professor Participated in Faculty Development Program. on Al Applications in Banking and Healthcare Industry organized by K.J. Somaiya Institute of Technology Sion, Mumbai Maharashtra KLE Technological University, Dr. M S Sheshgiri Campus, Belagavi Karnataka Chaitanya Bharathi Institute of Technology Autonomous, Hyderabad Telangana Adhiyamaan College of Engineering, Hosur Tamil Nadu in Collaboration with Excell Edtech Put. Ltd. Date: 12 th Dec to 16th Dec 2024.

7. Mrs. R.Akhila, Assistant Professor Participated in Faculty Development Program on Al Applications in Banking and Healthcare Industry organized by H.2. Somaiya Institute of Technology Sion, Mumbai Maharashtra KLE Technological University, Dr. M 5 Sheshgiri Campus, Belagavi Karnataka Chaitanya Bharathi Institute of Technology Autonomous, Hyderabad Telangana Adhiyamaan College of Engineering, Hosur Tamil Nadu in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 12 th Dec to 18th Dec 2024.

8. Mrs. D. Vijaya lakshmi, Assistant Professor Participated in Faculty Development Program on Al Applications in Banking and Healthcare Industry organized by K.J. Somaiya Institute of Technology Sion, Mumbai Maharashtra KLE Technological University. Dr. M S Sheshgiri Campus, Belagavi Karnataka Chaitanya Bharathi Institute of Technology Rutonomous, Hyderabad Telangana Adhiyamaan College of Engineering, Hosur Tamil Nadu in Collaboration with Excell Edtech Pvt. Ltd. Date: 12 th Dec to 18th Dec 2024.

9. Mr. K. Praveen Kumar, Assistant Professor Participated in Faculty Development Program on Al Applications in Banking and Healthcare Industry organized by K.J. Somaiya Institute of Technology Sion, Mumbai Maharashtra KLE Technological University, Dr. M & Sheshgiri Campus, Belagavi Harnataka Chaitanya Bharathi Institute of Technology Autonomous, Hyderabad Telangana Adhiyamaan College of Engineering. Hosur Tamil Nadu in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 12 th Dec to 18th Dec 2024.

# FACULTY ACHIEVEMENTS

1. Dr. G. Rama Swamy, Professor & Hod is member of the nptel chapter "spoc" and got Appreciation form IIT madras.

2. Mrs. H.M.L. Priyanka, Asst Professor as completed a course "Accreditation outcome based learning" from NPTEL during 2024 and Achieved Elite.

3. Mr. Rama Krishna, Asst Professor as Completed a course "Fundamentals of object Oriented Programming" from NPTEL during 2024 and Achieved Elite.

4. Mrs. Y. Saraswathi, Asst Professor as Completed a course of "Al With Human Resources from NPTEL During 2025.

5. Ms. D. Vijaya Lakshmi, Asst Professor as Completed a course "Al With Human Resources" from NPTEL During 2025.

6. Mrs. R.Akhila, Asst Professor as completed a course of "Internet of Things" from NPTEL During 2025.

# FDP PROGRAM

Dur Department Conduct Faculty development Program for faculty powered by Google about "Recent Advancements in Generative Al". All the faculty has participated in this Program.



## STUDENT PARTICIPATIONS

## Student Achievements



A Team of students from ¼ ESE Pitched their idea in the Hackathon.

Smart India Hackathon 2024 conducted by Excel College of engineering date on 11-12-2024

A Team of Students from % CSE has pitched their idea in 48 hours hackathon conducted by Adithya University, Kakinada and got 4th Prize



A Team of Students from SE has pitched their ides in 36 hours hackathon conducted by malineni Lakshmaish women's College and got 1th Prize

# MIME

Our students
Ms R. Haripriya, Ms. N.Ammulu, Ms.P.sravanthi, Ms.P.Madhuri, Ms.N.Harishma got Frist Prize in mime At RVR&36, Chowdavaram.



Our Students Ms.sahasra. Ma. Bhavani, Ms.Malya Sri has Participated in project Expo and got 1st prize at VVIT, Nambur.

Sports:

Our Students participate in throw liall at RVR& jc.Chowdavaram and got first prize.

# DEPARTMENT EVENTS

A Seminar On "Entrepreneurship Opportunities"

On November 11, 2024, hosted a seminar titled "Entrepreneurship Opportunities," featuring Mr. Rama Lingeswara Rao, the founder of NIRAM, as the keynote speaker. Mr. Rao shared his insights and experiences in entrepreneurship, aiming to inspire and guide students toward innovative ventures. This event was part of MLWEC's ongoing efforts to promote entrepreneurial thinking among its students.





On October 25, 2024, Mr. Sabarinath, CEO of Data Point, led an insightful program titled "Latest IT Trends" at Data Point. During the session



He explored emerging developments in areas like AI, cloud computing, cyber security, and data analytics, offering participants a clear outlook on how these innovations are positioned to influence business and technology in the year ahead.

Through case studies, market data, and practical examples, Mr. Sabarinath highlighted strategies for organizations to adopt these technologies effectively and stay competitive.

# 4Day Generative AI Boot Camp

Dates: September 19-22, 2024

Instructor: Mr P. Madhu, CEO of Makes Skills

Over four immersive days, Mr P. Madhu guided participants through the latest advancements in generative AI-covering everything from foundational concepts to practical implementation. The boot camp included:

- Fundamentals of Generative AI (e.g., large language models, image generation)

- Hands-on workshops to build basic to advanced AI applications

- Real-world case studies demonstrating generative AI in business and creative industries

- Discussion of ethical, security, and deployment best practices.

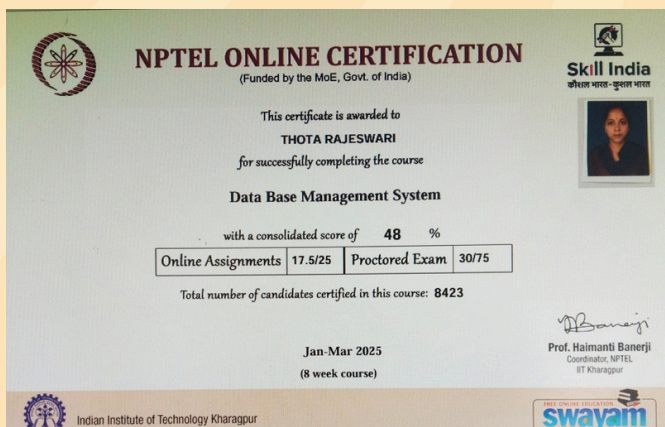# A PROGRAM ON 36 HOURS HACKATHON for 3/4 CSE by P. madhu, CEO Make skill





# A workshop on AI and its latest Advancements by Mr. praveen, assist engineer at google



# NPTEL

Our department of cse 56 members of students got nptel certificates

# Placement data

Our students of 4/4 cse 85 studens has placed in various MNC companys.











# Industry visit by our Student

Our 3/4 cse students have visited industrial visit at vignan Deemed university



After the initial briefing, Abdul Riyaz, along with Rose, an incubation associate, and Pav
another associate, guided the students from Malineni Women Engineering College to the Cen
of Excellence (COE) labs & D& D Fabs labs. They visited the Robotics lab and Chemtron l
where the students were introduced to cutting-edge technologies and innovations. The te
explained the critical role COEs play in nurturing startups by providing specialized resourc
infrastructure, and technical support. They highlighted how these labs act as innovation hu
allowing startups to experiment, prototype, and scale their ideas. The visit aimed to insp
students to leverage such facilities to drive innovation and pursue entrepreneurial ventures.



## Industrial Visit of Malineni Engineering Womens College

Abdul Riyaz, the Manager of Vignan Technology Business Incubator (TBI), welcomed students from Malineni Women Engineering College for an industrial visit. During his address, he emphasized the importance of working on real-time problem statements to enhance practical learning and skill development. He highlighted the role of hands-on experience in bridging the gap between theoretical knowledge and industry demands. Riyaz also briefed the students about the DST-sponsored incubation center at Vignan TBI, which supports innovation and entrepreneurship. He encouraged students to take advantage of such platforms to develop solutions to real-world challenges, fostering a mindset of innovation and creativity. The visit aimed to inspire students to actively engage in problem-solving and understand the workings of an incubation center.

# EDITORIALBOARD

## Faculty Co-ordinators

Dr.G. Rama Swamy
Head of department
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Dr.N.Ch.JayaRao,
Associate Professor
Editor

Mr.A. Rama Krishna
Asst. Professor
Sub Editor

## Student Co-ordinator

M.Meghana Chowdary
Student Editor
22KE1A05C2

M.AMRUTHAVARSHINI
21HEIN0572

G.Roopasri
23KE1A0553

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Autonomous, Affiliated to JNTUK, Approved by AICTE & Accredited by NEA& NARC
Pulladigunta(V), Guntur (Dt), Andhra Pradesh 591169