

COMPUTER SCIENCE

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ESE Today
department
Department
NewsLetter

Departement
of
Computer
science
and
engineering

volume-10 issue-2

**CSE
TODAY**

March-2024 to Aug-2024



**Malineni Lakshmaiah
Women's Engineering College**



Institute Vision 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



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 the nation. 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 keep up with the changes and demands of the Industry and Society. The Department goal is to provide students with a balance of intellectual and practical experiences 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.



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

BE YOU BE THE
DIFFERENCE!!!

HOD'S MESSAGE

It gives me immense pleasure to share the Achievement and 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!



**Malineni Lakshmaiah
Women's Engineering
College**

DEPARTMENT ACTIVITIES



FACULTY PUBLICATIONS

Dr. G. Rama Swamy, Professor & HOD has Published the paper" Efficient stream processing framework for real-time social media sentiment analysis" Juni Khyat.

2. Ms. Y. Saraswathi Assistant Professor Published the paper" Deep learning-based air quality monitoring: predictive analysis and performance evaluation" Juni Khyat.

3 Ms. D. Vijayalakshmi, Assistant Professor Published the paper" Deep learning-based air quality monitoring :predictive analysis and performance evaluation" Juni Khyat..

4. Dr. G. Rama Swamy, Professor& HOD has published the paper" Offensive. Language Detection Using Machine Learning Techniques on Social Media" ZKG International.

5. Dr G. Rama Swamy, Professor &HOD has published the paper" Diabetes Retinopathy Prediction Using ML" Journal of Engineering Sciences.

6. Dr. K. Ravi Kiran, Professor & HOD has published the paper" Image Processing and Machine Learning Based Stress Detection in IT Professionals" International Journal for Innovative Engineering and management research.

Faulty Publishers

1. Dr. N. Ch. Jaya Rao, Associative Professor has published the patent" An image Recognition System with Convolutional Neural Networks for Accurate Feature Extraction".

2. Ms. R Akhila, Assistant Professor has published the patent" Utilizing Keyframe Extraction Technique for Perceptual Video Summarization".

1. Ms. G. Vijaya Lakshmi, Assistant Professor has published the patent" Utilizing KeyframeExtraction TechniqueforPerceptual Video Summarization".

Faculty FDP'S

1. Mrs. Y. Saraswathi Assistant Professor has Participated in online Faculty Development Program on Design Thinking, Research Article Writing,and,Patent,DocumentationforNewproductdevelopmentconductedby Department of Mechanical& Civil Engineering at QIS college of Engineering & Technology, Ongole, Andhra Pradesh, heldonthe22and23fmay, 2024.

2. Mr. A. Rama Krishna, Assistant Professor has Participated in online Faculty Development Program on Design Thinking, Research Article Writing, and Patent Documentation for New product development conducted by Department of Mechanical & Civil Engineering at Q18 college of Engineering & Technology, Ongole, Andhra Pradesh, held on the 22 and 23 of May, 2024.

3. Mrs. K.M.L. Priyanka, Assistant Professor has Participated in online Faculty Development Program on Design Thinking, Research Article Writing, and Patent Documentation for New product development conducted by Department of Mechanical & Civil Engineering at QIS college of Engineering & Technology, Ongole, Andhra Pradesh, held on the 22nd and 23 of May, 2024

4. Mrs. M. Bharathi Rani, Assistant Professor has Participated in online Faculty Development Program on Design Thinking, Research Article Writing, and Patent Documentation for New product development conducted by Department of Mechanical & Civil Engineering at QIS college of Engineering & Technology, Ongole, Andhra Pradesh, held on the 22nd and 23rd of May, 2024

5. Ms. D. Vijayalakshmi, Assistant Professor has Participated in online Faculty Development Program on Design Thinking, Research Article Writing, and Patent Documentation for New product development conducted by Department of Mechanical & Civil Engineering at QIS college of Engineering & Technology, Ongole, Andhra Pradesh, held on the 22nd and 23 of May, 2024

6. Mrs. G. Sri Lakshmi, Assistant Professor has Participated in online Faculty Development Program on Design Thinking, Research Article Writing, and Patent Documentation for New product development conducted by Department of Mechanical & Civil Engineering at Q16 college of Engineering & Technology, Ongole, Andhra Pradesh, held on the 22 and 23 of May, 2024

7. Mrs. R. Akhila, Assistant Professor has Participated in online Faculty Development Program on Design Thinking, Research Article Writing, and Patent Documentation for New product development conducted by Department of Mechanical & Civil Engineering at Q18 college of Engineering & Technology, Ongole, Andhra Pradesh, held on the 22nd and 23 of May, 2024

8. Dr. N. Ch. Jaya Rao, Associate Professor has Participated in online Faculty Development Program on Design Thinking, Research Article Writing, and Patent Documentation for New product development conducted by Department of Mechanical & Civil Engineering at QIS college of Engineering & Technology, Ongole, Andhra Pradesh, held on the 22nd and 23 of May, 2024

9. Mrs. N. Vijaya Lakshmi, Assistant Professor has Participated in online Faculty Development Program on Design Thinking, Research Article Writing, and Patent Documentation for New product development conducted by Department of Mechanical & Civil Engineering at Q18 college of Engineering & Technology, Ongole, Andhra Pradesh, held on the 22 and 23 of May, 2024

1. Dr.G.Ramaswamy, Professor&Hodismemberofthenptelchapter "spoc".has appreciation from IIT Madras.
2. Mrs. K.M.L. Priyanka, Asst Professorascompletedacourse" JAVA" from NPTEL during 2024.
3. Mrs.R.Akhila, Asst Professorascompletedacourse "DBMS" fromNPTEL during 2024.
4. Mr.A. Ramakrishna, Asst Professorascompletedacourse" DEMS" from NPTEL during 2024.
5. Ms. D. Vijaya Lakshmi, Asst Professorascompletedacourse "DEMS" from NPTEL during 2024.

STUDENT PARTICIPATIONS

Student Achievements

Our Student T.Ratna Charitha has participated in miss malineni at Malineni Lakshmaiah Women's Engineering College.



Our student, T. Ratna Charits, has actively participated in the prestigious Miss Malinei event held at Malineni Lakshmaiah Women's Engineering College, showcasing her talents and representing our institution with great enthusiasm and pride.

Our Student Anusha has participated in poster presentation goti "prize in Malineni Lakshmaiah Womens Engineering

She demonstrated exceptional creativity, knowledge, and presentation skills, and was awarded the First Prize among numerous talented participants.



Our Students Ms. Bhavya, Ms. Amrutha has participated in paper presentation got 1st prize in Malineni Lakshmaiah Womens Engineering College



- They showcased exceptional research, analytical thinking, and presentation skills, securing the First Prize among several competitive teams.
- Their success is a result of excellent teamwork, coordination, and deep understanding of the

Our Students Ms. Gayatri , Ms. Swapna has participated in Volley Ball got 1 prize in Vijaya College.

- Through their excellent athletic skills, teamwork, and determination, they secured the First Prize, emerging as champions in the tournament.
- Their achievement is a reflection of their strong commitment, rigorous practice, and ability to work together



Our Students Ms. Vishnu Priya has participated in Kabaddi got 1 prize @chalapathi College.



- Vishnu Priya exhibited excellent team spirit, leadership qualities, and a competitive attitude. throughout the tournament.
- Her victory has brought glory and re -cognition
- to our institution, reinforcing the importance of sports

DEPARTMENT EVENTS

1.A4th National Anniversar Educational policy

A4th National Anniversary Educational policy program was arranged for III/IV CSE students by Dr.D.Srinivasa Rao, Director of MPES, Guntur on 29th July 2024.



The session was arranged and led by Dr. D. Srinivasa Rao, Director of MPES, Guntur, who addressed the students on the significance, objectives, and transformative impact of the NEP2020 in reshaping India's educational landscape



2.WebinaronMICDriven

A Webinar on MIC Driven Session arranged for II/IVCSE students by Mr. Dipan Kumar Sahu Assistant Innovation Director MoE's Innovation Cell on 5th August 2024.

MLEW MoE's INNOVATION CELL (GOVERNMENT OF INDIA) INSTITUTION'S INNOVATION COUNCIL Ministry of Education Initiative AICTE

MIC Driven Session IIC6.O (2023 – 24)

All IIC Members are Requested to Join us on MIC YouTube Channel

Mr. Dipan Kumar Sahu
Assistant Innovation Director
MoE's Innovation Cell

Monday, 5th August 2024
11:00 AM

Join Us on **YouTube** **LIVE**
@MoEInnovationCell



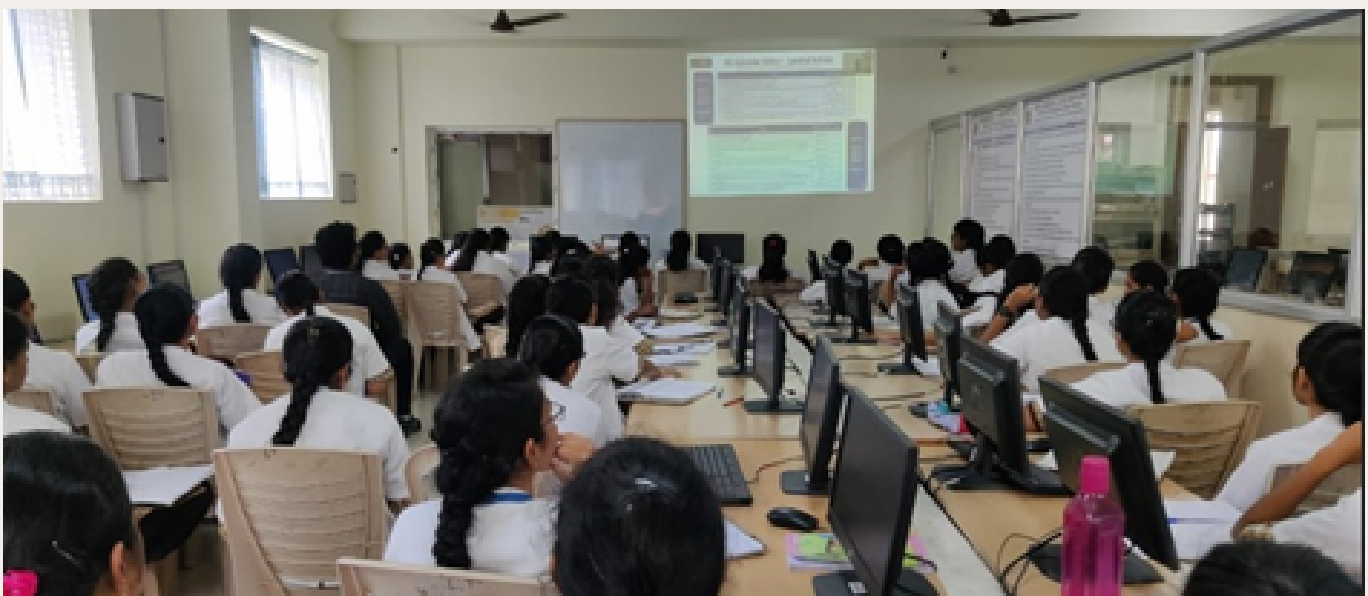
The objective of the webinar was to enlighten students about the innovation and entrepreneurship ecosystem in academic institutions, and to motivate them to take part in idea development, incubation, and startup culture promoted by the Ministry

4. Webinar on MIC Driven

A Webinar on MIC Driven Session arranged for IV/IVCSE students by Mr. Dipan Kumar Sahu Assistant Innovation Director MoE's Innovation Cell on 2nd August 2024.



The purpose of this session was to create awareness among final-year students about the innovation and entrepreneurship ecosystem being promoted by the Ministry through various programs such as Institution's Innovation Councils (IICs) and the National Innovation and Startup Policy (NISP).

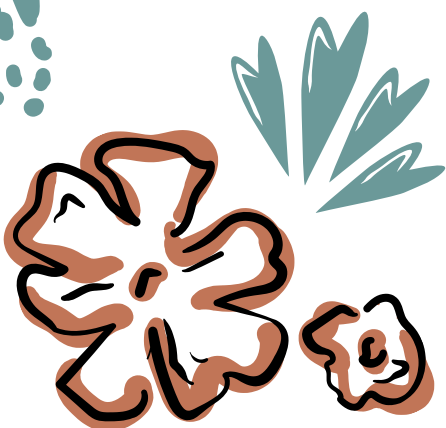


5. Awareness Program on Helmet

Our Students of CSE Department has conducted Awareness program on Helmet near Traffic Signals at Guntur on 01/08/2024.



- The objective of the program was to promote road safety and educate the public, especially two-wheeler riders, on the importance of wearing helmets to prevent head injuries and save lives.
- The students engaged with the public by distributing informative pamphlets, displaying awareness placards, and interacting with commuters, highlighting the need for responsible driving behavior.



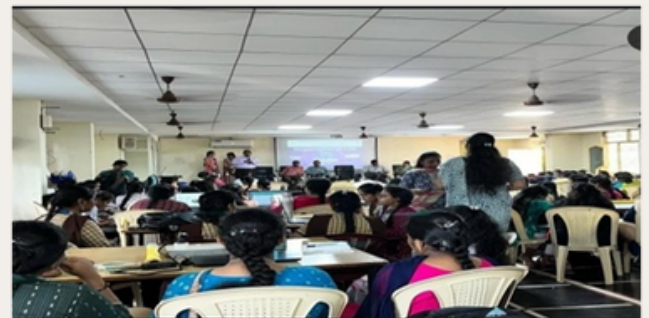
4-Day Generative AI BootCamp

4 Days BootCamp On IoT & AI

Our Students of 3rd cse has Arranged a program of 4 day boot camp on IoT & AI by P. Madhu , make skills,hyd 23/09/24 To 26/09/24



The program aimed to equip students with practical skills, project-oriented learning, and real-time applications of IoT and AI technologies in various domains



Throughout the boot camp, participants engaged in interactive sessions, live demonstrations, and mini-projects, enhancing their technical knowledge and problem-solving abilities



NPTEL

Our Students 40 Members got the NPTEL Certificates.



These certification sreflect their dedication to continuous learning,commitment to academic excellence, and initiative to enhance their technical knowledge and skills through online learning platforms



TRAINING PROGRAM(Virtual Internship)

1.224 students 3/4 CSE selected for the online virtual internship program, organization in collaboration with All India council for technical Education(AICTE) and Edu skills foundation.



2.120 students 4/4CSE selected for the online virtual internship program, organization in collaboration with All India council for technical Education(AICTE) and Edu skills foundation.

Placement data

Our Students 97 Members placed in various MNC Companies.

Top MNC Companies Visited our college

Tech Mahindra

accenture
High performance. Delivered.

TATA
TATA CONSULTANCY SERVICES

Infosys

ALLSEC TECHNOLOGIES LIMITED

Cognizant

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