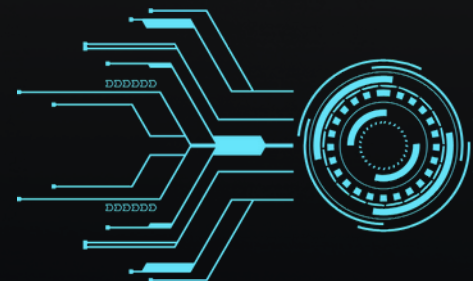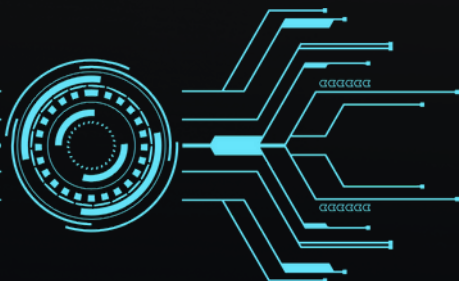# CSE TODAY

Department Newsletter

DepartmentofComputerScienceAndEngineering

**MALLINENI LAKSHMAIAH
WOMEN'SENGINEERING COLLEGE**

VISION AND MISSION OF THE INSTITUTE

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 AND MISSION OF THE DEPARTMENT

VISION

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

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

PEO1

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, AI 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 !

DEPARTMENT ACTIVITIES

FACULTY PUBLICATIONS

1. Dr.G.RamaSwamy,Professor & hod has published the paper"Deep Learning – Based Key Generation for DNAASCII Table – Based Encryption" Journal of Opto Electronics Laser.

2. Dr. M. Bheema Lingaiah,Associate Professor has published the paper" Advanced Cyber CRIME Rate Prediction using Deep Learning & AI Based Algorithm" Journal of Harbin Institute of Technology.

3. Mr.P.Venu Babu,Assistant Professor has published the paper"Detectionof Heart Disease by using Reliable Boolean Machine Learning Algorithm" Journal of Theoretical and Applied Information Technology.

4. Dr.D.RaviKiran,Associate Professor has published the paper"Image Processing and Machine Learning Based Stress Detection in IT Professionals" International Journal for Innovative Engineering and management research.

5. Dr.G.Rama Swamy, Professor & hod has published the paper" Inspired Feistel DNA Based Crypto System Using D-Box and Image Based Key Generation" Sey Bold Report

6. Dr.D.Abburi Sri Rama Kanaka Ratnam,Associate professor has published the paper" Advanced Cyber CRIME Rate Prediction using Deep Learning & AI Based Algorithm" Journal of Harbin Institute of Technology.

FACULTY PATENTS

1. Dr.G.RamaSwamy,Professor & hod has published the patent"AIbased network intrusion detection device".

2. Ms.Y.Saraswathi,Assistant Professor has published the patent"AI based network intrusion detection device.

3. Dr.N.Ch.JayaRao,Associate Professor has published the patent"AI based network intrusion detection device".

4. Ms.K.M.L.Priyanka,Assistant Professor has published the patent"AI based wi-fi repeater for 5g data transfer"

. 5. Ms.M.Bharathi Rani,Assistant Professor has published the patent"AI based wi-fi repeater for 5g data transfer".

FACULTY DEVELOPMENT PROGRAM

1. Dr.G.RamaSwamy,Professor&HODhassuccessfullyparticipatedin a one week faculty development program onAmazon Web Services from 7th-13thJune,2023 Organized by Departments of Computer Science & Engineering,AI & ML, Data Science, Cyber Security, Information Technology,Artificial Intelligence and MCA, Narasaraopeta Engineering college (Autonomous),Narasaraopeta ,palnadudist,A.P. in association with CSI and ISTEMs. Y.Saraswathi,Assistant Professor has successfully participated in aneweekfacultydevelopmentprogramonAmazonWebServicesfrom7th-13thJune,2023

Organized by Departments of Computer Science & Engineering,AI & ML, Data Science, Cyber Security, Information Technology,Artificial Intelligence and MCA, Narasaraopeta Engineering college (Autonomous),Narasaraopeta ,palnadudist,A.P. in association with CSI and ISTE.

3. Ms.K.M.L.Priyanka,AssistantProfessorhassuccessfullyparticipatedin a one week faculty development program onAmazon Web Services from 7th-13thJune,2023

Organized by Departments of Computer Science & Engineering,AI & ML, Data Science, Cyber Security, Information Technology,Artificial Intelligence and MCA, Narasaraopeta Engineering college (Autonomous),Narasaraopeta ,palnadudist,A.P. in association with CSI and ISTE.

4. Dr. N. Ch. Jaya Rao,Associate Professor has successfully participated in a oneweekfacultydevelopmentprogramonAmazonWebServicesfrom7th-13thJune,2023

Organized by Departments of Computer Science & Engineering,AI & ML, Data Science, Cyber Security, Information Technology,Artificial Intelligence and MCA, Narasaraopeta Engineering college (Autonomous),Narasaraopeta ,palnadudist,A.P. in association with CSI and ISTE.

5. Mr.A.Rama Krishna,Assistant Professor has successfully participatedina oneweek faculty development programon Amazon Web Services from7th- 13thJune,2023

Organized by Departments of Computer Science & Engineering,AI & ML, Data Science, Cyber Security, Information Technology,Artificial Intelligence and MCA, Narasaraopeta Engineering college (Autonomous),Narasaraopeta ,palnadudist,A.P. in association with CSI and ISTE.

6. Ms.N.VijayaLakshmi,AssistantProfessorhassuccessfullyparticipatedin a one week faculty development program onAmazon Web Services from 7th-13thJune,2023

Organized by Departments of Computer Science & Engineering,AI & ML, Data Science, Cyber Security, Information Technology,Artificial Intelligence and MCA, Narasaraopeta Engineering college (Autonomous),Narasaraopeta ,palnadudist,A.P. in association with CSI and ISTE.

FACULTY ACHIEVEMENTS

1. Mrs.D.VijayaLakshmi,Asst Professor as completed a course "DBMS" from NPTEL during 2023 .
2. Mrs.R. Akhila, Asst Professor as completed a course "DBMS" from NPTEL during 2023 .
3. Mrs.M.BharathiRani,Asst Professor as completed a course "DBMS" from NPTEL during 2023 .

Mrs.R.AkhilaAssistantProfessor currently pursuingPhD

Student Achievements

1. Our Student N.Supraja II/IVCSE got 1st prize in folk dance rat samskruthi (MLWEC).

2. Our Student N.Venkata Pavani III/IVCSE got 1st prize in crafts at RVR&JC college of engineering, chowdavaram, Guntur.

3. Our Students E.Ahalya, K.Sucharitha III/IVCSE got 1st prize in rangoli at RVR & JC college of engineering,chowdavaram.

Student Achievements

4.Our StudentsL. Gayatri,I. Anusha , G.Suma II/IVCSE secure 3rd prize in group dance at Samskruthi (MLWEC)

5. Our Students N.Divyasri, Aswini, Anuhya, G.HemaSree got 2nd prize in throw ball at KHIT, Chowdavaram, Guntur.

6. Our Students N.Divyasri, Aswini, Anuhya, G.HemaSree got 2nd prize in throwball at Tirumala Engineering College, Jonnalagadda, Guntur.

7. Our Students N.Divyasri, Aswini, Anuhya, G.Hema Sri got 2nd prize at Chalapathi Engineering College ,Guntur.

8. *Our Students L. Gayatri II/IV CSE has participated in poster presentation at Malineni Lakshmaiah Womens Engineering College, Guntur.*

9. *Our Students D. Madhavi Sai, J.Viranjitha, M.Hemasaisha III/IV has participated in paper presentation at Malineni Lakshmaiah Womens Engineering College, Guntur.*

10. *Our Students Ms.A.SaiSurekha, M.Nikhitha, A.Hasini, D.Vijitha, G. Sahithi, K. Harshitha gotcash prize 3000 rupees at Malineni Lakshmaiah Womens Engineering College.*

11. *Our Students Ch.BindhuSri, Ch.Ravali got Cash Prize in Project Expo*

12. *Our Studentv P.Jwala Avigna secure cash prize in 36hours hackathon at Malineni Lakshmaiah Womens Engineering College.*

1 .6 students II/IV CSE selected for brain visiontechnologies.

2.29studentsIII/IVselectedforMake Skilled.

NPTEL Certificates:

Our Students 22 Members completed online certification courses (NPTEL)

DepartmentEvents:

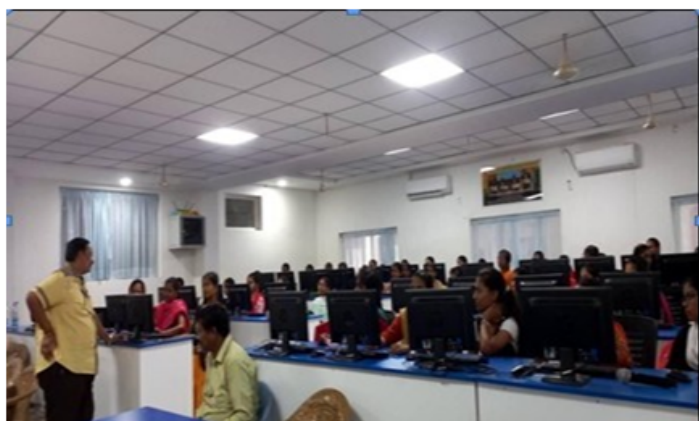*5-Days Workshop And Data Science Using Python.*

The Department of Computer Science Engineering (CSE) successfully conducted a 5-day workshop followed by a 24-hour hackathon on Data Science Using Python from March 27, 2023, to April 2, 2023.

2. 24Hours hackathon on Data science using python. Our Students II/IV has participated in 24hours hackathon at Malineni Lakshmiah Womens Engineering College, at 01/04/2023 to 02/04/2023and got cash prize

3. Microsoft Assure Program

The Microsoft Assure transformative initiative aimed enhancing students' skills in Program,aatcloudcomputing and technology solutions, was successfully held from April 19th to April 29th, 2023. The program, organized in collaboration with Microsoft, provided participants with valuable insights in to cloudtechnologs,softwaredevelopment,and innovation.

4. Mega Impact Program

Two-Day MEGA IMPACT Program Held onMay 10th and 11th at Sri venkateswara Vignana Mandiram,by gampa Nageswara Rao.

Placement data

Our students 45 member has placed into MLC Company

Kotagari Priyanka has selected at axis bank with high package of 8Lakhs.

MALINENI LAKSHMAIAH WOMEN'S ENGINEERING COLLEGE

Autonomous,Affiliated toJNTUK,Approved by AICTE & Accredited by NBA & NAAC
Pulladigunta (V), Guntur (Dt), AndhraPradesh – 531162