MALINENI LAKSHMAIAH WOMEN'S ENGINEERING COLLEGE

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CSE TODAY

Newsletter **Sep 2021** **volume 7, issue 2**

Editorial Board
Dr. J.Appa Rao, Principal, MLWEC
Dr. G.Ramaswamy, HOD-CSE

Student Coordinators
Ms. K. Bhargavi, IV B.Tech
Ms. P. Sai Meghana, III B.Tech
G.Divya, II B.Tech

The Vission of the Department

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

The Mission of the Department

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.
M4: To prepare students for software development, higher education entrepreneurship, and lifelong learning careers.

About the Department

The Department of Computer Science and Engineering was founded in 2008. CSE's main mission is to create the best IT infrastructure, a world-class learning and research environment, and to promote moral and ethical principles through industry cooperation. The students' desire to understand makes it easier for the industry-trained, experienced faculty to develop top-notch engineers who are sought after by reputable companies throughout the world.

HOD DESK

The Department of Computer Science and Engineering is dedicated to educating engineers with a diverse set of technical, managerial, and social abilities who will contribute to the nation's Development. Computer Networks, Mobile Communication, Algorithm Design, Operating Systems, Advanced Database Systems, Theory of Computation, Computer Graphics, and many other topics are covered in depth by the department. The department takes the initiative to strengthen students' soft skills, analytical ability, and verbal communication so that they may confidently tackle the corporate world's competition.

To achieve the goals, the department places a strong emphasis on education and hands-on experience. Students have earned numerous honors at the university level for their unique ideas, abilities, and potentials as final-year projects. The superb infrastructure, as well as an experienced team of professionals, an experienced faculty group is dedicated to improving the teaching-learning process and guaranteeing high-quality education. We think that this teaching-learning style, along with practical experience gained through Industrial Training in reputable firms, prepares our students to meet the problems that the IT industry presents. Computer science and engineering students are placed in leading IT firms. We have resolved as a team to lead the Department to new heights of achievement and glory, as well as to prepare for the difficulties ahead.

Details of Faculty Patents for the Academic Year 2021-22

S.No	Name Of the faculty	Patent Title	Patent number	Date of filing	Date of Publication
1	Dr. G. Rama Swamy	Fully- Automatic brain tumor segmentation using deep learning method	202141039083	28/08/2021	03/09/2021
2	Dr. G. Rama Swamy	Intelligent and smart Mirror Using IOT Technique	20180343418	10/07/2021	13/08/2021
3	Mr. B. Venkaiah Chowdary	A dynamic user interface in cloud network using Deep Learning model	202141034584	31/07/2021	06/08/2021
4	Mr. P. Venu Babu	Fully- Automatic brain tumor segmentation using deep learning method	202141039083	28/08/2021	03/09/2021

Academic Year	Total number of Publications
2020-2021	35

Academic Year 2020-21

S. No.	Name of the Faculty	Title of the paper	Name of the journal	Volume, Issue no & Page number	ISSN Number	Date
1	Mr. Nageswara Rao Eluri	Cancer data classification by quantum inspired immune clone optimization based optimal feature selection using gene expression data : Deep Learning approach	DTA	Page 1- Page 36	2514-9288	Sep 2021
2	Mr. Nageswara Rao Eluri	Detection of heart disease by using reliable boolean Machine Learning algorithm	JATIT	Volume 99, Issue 15 3856-3880	1817-3195	Aug 2021
3	Mr. Nageswara Rao Eluri	Feature Extraction In Gene Expression Dataset Using Multilayer Perceptron.	Turcomat	Volume 12, Issue no : 2 3069-3076	1309-4653	Apr 2021

4	Dr. Pathan Hussain Basha	Software Bug Prediction Using Different ML Algorithms	IJAEMA	Volume 13 Issue 4 2442-2449	0886-9367	Apr 2021
5	Ms. K. Alekhya	Software Bug Prediction Using Different ML Algorithms	IJAEMA	Volume 13 Issue 4 2442-2449	0886-9367	Apr 2021
6	Ms. N. Vijaya Lakshmi	Software Bug Prediction Using Different ML Algorithms	IJAEMA	Volume 13 Issue 4 2450-2457	0886-9367	Apr 2021
7	Dr. M. Bheemlingaiah	Identification of Fake User On Social Networks USING Naive Bayes And Random Forest Algorithms	IJAEMA	Volume 13 Issue 4 2458-2465	0886-9367	Apr 2021
8	Ms. Y. Saraswathi	Identification of Fake User On Social Networks USING Naive Bayes And Random Forest Algorithms	IJAEMA	Volume 13 Issue 4 2458-2465	0886-9367	Apr 2021
9	Ms. I. Anusha	Identification of Fake User On Social Networks USING Naive Bayes And Random Forest Algorithms	IJAEMA	Volume 13 Issue 4 2458-2465	0886-9367	Apr 2021
10	Mr. P. Venu Babu	Hybrid Machine Learning Techniques for Effective Heart Disease Prediction	IJAEMA	Volume 13 Issue 4 2466-2473	0886-9367	Apr 2021
11	Mr. V. Sudhakar	Hybrid Machine Learning Techniques for Effective Heart Disease Prediction	IJAEMA	Volume 13 Issue 4 2466-2473	0886-9367	Apr 2021
12	Ms. N. Madhavi Latha	Hybrid Machine Learning Techniques for Effective Heart Disease Prediction	IJAEMA	Volume 13 Issue 4 2466-2473	0886-9367	Apr 2021
13	Dr. G. Rama Swamy	Sentiment Classification of Tourist Attraction Reviews Using AVM,Naive Bayes and Random forest algorithm	IJAEMA	Volume 13 Issue 4 2474-2481	0886-9367	Apr 2021
14	Mr. A. Rajesh	Sentiment Classification of Tourist Attraction Reviews Using AVM, Naive Bayes and Random forest algorithm	IJAEMA	Volume 13 Issue 4 2474-2481	0886-9367	Apr 2021

15	Mr. A. Chandra Sekhar	Sentiment Classification of Tourist Attraction Reviews Using AVM, Naive Bayes and Random forest algorithm	IJAEMA	Volume 13 Issue 4 2474-2481	0886-9367	Apr 2021
16	Mr. Nageswara Rao Eluri	Using Machine Learning algorithms to Quantify COVID-19 Content in the Online Health Opinion War	IJAEMA	Volume 13 Issue 4 2482-2489	0886-9367	Apr 2021
17	Dr. Ch. Jaya Rao	Using Machine Learning algorithms to Quantify COVID-19 Content in the Online Health Opinion War	IJAEMA	Volume 13 Issue 4 2482-2489	0886-9367	Apr 2021
18	Ms. M. Prathyusha	Using Machine Learning algorithms to Quantify COVID-19 Content in the Online Health Opinion War	IJAEMA	Volume 13 Issue 4 2482-2489	0886-9367	Apr 2021
19	Dr. Sunitha Kandepu	A Model for Avg Fuel Consumption in Heavy Vehicles Using ANN	IJAEMA	Volume 13 Issue 42490-2497	0886-9367	Apr 2021
20	Ms. G. Srilekha	A Model for Average Fuel Consumption in Heavy Vehicles Using ANN	IJAEMA	Volume 13 Issue 4 2490-2497	0886-9367	Apr 2021
21	Ms. G. Vasantha Lakshmi	A Model for Average Fuel Consumption in Heavy Vehicles Using ANN	IJAEMA	Volume 13 Issue 4 2490-2497	0886-9367	Apr 2021
22	Dr. A. Srirama Kanaka Ratnam	Image Enhancement Using Local and Global Enhancement Methods for Dark Images	IJAEMA	Volume 13 Issue 4 2498-2505	0886-9367	Apr 2021
23	Mr. B. Venkaiah Chowdary	Image Enhancement Using Local and Global Enhancement Methods for Dark Images	IJAEMA	Volume 13 Issue 4 2498-2505	0886-9367	Apr 2021
24	Ms. KML Priyanka	Image Enhancement Using Local and Global Enhancement Methods for Dark Images	IJAEMA	Volume 13 Issue 4 2498-2505	0886-9367	Apr 2021
25	Ms. N.Vijaya Lakshmi	Design of high efficient Wireless cursol movement based on eyeball moment	ICSET	Conference	979-8454695934	Jul 2021

26	Dr. M. Bheemalingaiah	Detection of heart disease by using reliable Boolean Machine Learning algorithm	JATIT	Volume 99, Issue 15, 3856-3880	1817-3195	Aug 2021
27	Dr. G. Rama Swamy	Detection of heart disease by using reliable Boolean Machine Learning algorithm	JATIT	Volume 99, Issue 15, 3856-3880	1817-3195	Aug 2021
28	Mr. P. Venu Babu	Design of high efficient Wireless cursol movement based on eyeball movement	ICSET	Conference	979-8454695934	Jul 2021
29	Mr. P. Venu Babu	Detection of heart disease by using reliable Boolean Machine Learning algorithm	JATIT	Volume 99, Issue 15,3856-3880	ISSN No: 1817-3195	Aug 2021
30	Mr. Charles Jaya Rao Nettem	Design of high efficient Wireless cursol movement based on eyeball movent.	ICSET	Conference	979-8454695934	Jul 2021
31	Ms. Madhavi Latha	Design of high efficient Wireless cursol movement based on eyeball movement	ICSET	Conference	979-8454695934	Jul 2021
32	Dr. Pathan Hussain Basha	A Succinct Overview to Reinforcement Learning	IJRSSET	Volume 7, Issue 12, 2019, 40-48	2349-476X	Dec 2020
33	Mr. Nageswara Rao Eluri	A Scalable Tree Boosting System: XGBoost	IJRSSET	Volume 7, Issue 12, 2019, 40-48	2349-476X	Dec 2020
34	Dr. Abburi SriramaKanakaratnam	A Survey: 5G in IOT is a Boon for BIG DATA Communication and Its Security	ICDSMLA-2019	318-327	979-8454695934	May 2020
35	Mr. K.Ravi Kumar	Sentiment Classification of Tourist Attraction Reviews Using AVM, Naive Bayes and Random forest algorithm	IJAEMA	Volume 13 Issue 4 2474-2481	0886-9367	Apr 2021

Program Educational Objectives (PEOs)

PEO 1: 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.

PEO 3: Graduates will be able to provide feasible and socially acceptable solutions to real-life problems in the areas of Computer Science and Engineering

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PEO 4: Graduates will be able to acquire technical knowledge with leadership qualities, social awareness, and ethical values with commitment.

Program Specific Outcomes (PSOs)

PSO1: Familiar with open-ended programming environments to develop software applications.

PSO2: Design and develop computer programs and computer-based systems in the areas related to Cloud Computing, AI, andthe latest trending technologies.

KEY ELEMENTS OF PO1

1. knowledge of mathematics
2. knowledge of science
3. knowledge of Engineering Fundamentals
4. knowledge of Engineering specialization

KEY ELEMENTS OF PO2

1. Identify a problem
2. Analyze a problem quantitatively and qualitatively
3. Apply the basics of engineering sciences

KEY ELEMENTS OF PO3

1. Analyze Problems
2. Apply suitable techniques
3. Design solutions for complex engineering problems
4. Design system components or process
5. Analyze the effect of proposed solutions on contemporary issues.

KEY ELEMENTS OF PO4

1.Use research knowledge and research methods
2.design of experiments
3.conduct investigations/experiments
4.analyze data
5.interpret data
6.synthesize the information
7.key elements of PO5

KEY ELEMENTS OF PO5

1. Select and apply the appropriate tool/technique
2. Identify resources
3. Make use of modern engineering and its tools
4. Modeling of complex engineering problems
5. Predict the behavior of tools
6. Predict the failures in engineering solutions
7. understand the pros and cons of a selected tool/technique

S.NO	Faculty Name	Designation	Qualification
1	Dr. G. Rama Swamy	Professor	Ph.D.
2	Dr. M. Bheemalingaiah	Professor	Ph.D.
3	Dr. A.S. Kanakaratnam	Associate Professor	Ph.D.
4	Dr. P. Hussain Basha	Associate Professor	Ph.D.
5	Dr. N. Ch Jaya Rao	Associate Professor	Ph.D.
6	Dr. Sunitha Kandepu	Associate Professor	Ph.D.
7	Mr. E. Nageswara Rao	Associate Professor	M.Tech (Ph.D.)
8	Mr. P. Venu Babu	Assistant Professor	M.S
9	Mr. Sudhakar Vecha	Assistant Professor	M.Tech
10	Ms. N. Madhavi Latha	Assistant Professor	M.Tech
11	Mr. P. Karthik	Assistant Professor	M.Tech
12	Mr. K. Ravi Kumar	Assistant Professor	M.Tech
13	Ms. D. U. Durga Rani	Assistant Professor	M.Tech
14	Ms. S. Drakshayani	Assistant Professor	M.Tech
15	Ms. Y.Saraswathi	Assistant Professor	M.Tech
16	Ms. K. Alekhya	Assistant Professor	M.Tech
17	Ms. M. Prathyusha	Assistant Professor	M.Tech
18	Mr. B. V. Chowdary	Assistant Professor	M.Tech
19	Mr. A. Chandrasekhar	Assistant Professor	M.Tech
20	Mr. R. R Tagore	Assistant Professor	M.Tech
21	Mr. B.L. Narayana	Assistant Professor	M.Tech
22	Mr. A. Rajesh	Assistant Professor	M.Tech
23	Ms. M. Khammar	Assistant Professor	M.Tech
24	Ms. KML Priyanka	Assistant Professor	M.Tech
25	Mr. K. Praveen kumar	Assistant Professor	M.Tech
26	Mr. A. Rama Krishna	Assistant Professor	M.Tech
27	Ms. G.Vasantha Lakshmi	Assistant Professor	M.Tech
28	Ms. I. Anusha	Assistant Professor	M.Tech
29	Ms. G. Srilekha	Assistant Professor	M.Tech
30	Ms. N. Vijaya Lakshmi	Assistant Professor	M.Tech