



MALINENI LAKSHMAIAH WOMEN'S ENGINEERING COLLEGE (AUTONOMOUS)

(Accredited by "NBA" & NAAC A+ Grade | Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
Pulladigunta (Vil), Vatticherukuru (Md), Prathipadu Road, Guntur – 522 017 A.P.



DEPARTMENT OF COMPUTER SCIENCE &ENGINEERING

The List of Faculty patents for the assessment years

S.No	Academic Year	Number of Patents
1	2023-24	12
2	2021-22	3
3	2019-20	3



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Details of Faculty Patents for the academic year 2023-2024

S. No	Name of the Inventor	Patent Title	Reference No	Date	Filed/Published/Granted/Licensed
1	Dr.G.RAMA SWAMY	AI based network intrusion detection device	6297470	04 August 2023	Granted
2	Dr.D.SRINIVASA KUMAR	AI Based WI-FI Repeater for 5G data transfer	6303385	2023	Granted
3	K.M.L PRIYANKA	AI based wi-fi repeater for 5g data transfer	6303385	2023	Granted
4	M.BHARATHI RANI	AI based wi-fi repeater for 5g data transfer	6303385	2023	Granted
5	Dr. CHARLES JAYARAO NETTAM	AI based network intrusion detection device	6297470	04 August 2023	Granted
6	Y.SARASWATHI	AI based network intrusion detection device	6297470	04 August 2023	Granted
7	D.VIJAYA LAKSHMI	AI based network intrusion detection device	6297470	04 August 2023	Granted
8	Dr. CHARLES JAYARAO NETTAM	An Image Recognition System with Convolutional Neural Networks for Accurate Feature Extraction	202441079102	25 Oct 2024	Granted
9	R.AKHILA	Utilizing Keyframe Extraction Technique for Perceptual Video Summarization	202441004183	09/02/2024	Granted
10	D. VIJAYA LAKSHMI	Utilizing Keyframe Extraction Technique for Perceptual Video Summarization	202441004183	09/02/2024	Granted
11	Dr.M. BHEEMALINGAIAH	IoT based smart farming system to predict crop and fertilizers based on various factors using machine Learning Algorithms	202341046337	1/07/2023	Granted
12	Dr.M. BHEEMALINGAIAH	AI Based Network Intrusion Detection Device	6297470	19-6-2023	



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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	Mr. B. Venkaiah Chowdary	A dynamic user interface in cloud network using Deep Learning model	202141034584	31/07/2021	06/08/2021
3	Mr. P. Venu Babu	Fully- Automatic brain tumor segmentation using deep learning method	202141039083	28/08/2021	03/09/2021

Details of Faculty Patents for the academic year 2019-2020

S.NO	Name Of the faculty	Patent Title	Patent number	Date of filing	Date of Publication
1	Dr. Matam Bheemalingaiah	Intelligent woman safety device using A.I(Artificial Intelligent) Programming	202041000359	04/01/2020	10/01/2020
2	Dr. Matam Bheemalingaiah	Intelligent system and method for advanced Harvest yield Prediction Using IOT based technology	202041000402	05/01/2020	10/01/2020
3	Dr. Matam Bheemalingaiah	Airplane, aircrafts accidents Predictive analysis using Machine Learning, Deep Learning and other programming	202041001797	15/01/2020	17/01/2020