



MALLA REDDY COLLEGE OF ENGINEERING

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List of patents published

A.Y 2023-2024

Sl.No	Name of the Faculty	Department	Title of the Patent	Application Number	Date of Published/ Granted
1	Dr.J.Gladson Maria Britto	CSE	Intelligent charging station for e-vehicle based on internet of things	202341062975	06/10/2023
2	Dr.J.Gladson Maria Britto	CSE	Light repository block chain system with multi secret sharing for industrial big data	202441007168	08/03/2024
3	Ms.P. Amulya	CSE	Intelligent charging station for e-vehicle based on internet of things	202341062975	06/10/2023
4	Ravi Kumar	CSE	A smart home	202341065509	13/10/2023

			energy management system using artificial intelligence and the internet of things		
5	Ravi Kumar	CSE-DS	Integration of image processing with machine learning based approaches for plant health and disease detection	202331064032	08/03/2024
6	Sakthivel M	AIML	Artificial intelligence based technique for photovoltaic fault detection using various instruments along with comparative analysis	202341052594	01/09/2023
7	Sakthivel M	AIML	Forecasting electric vehicle charging station preference through shap-based machine learning method	202341051110	01/09/2023

8	Sakthivel M	AIML	Deep learning techniques for prevention of train accident and prediction of breakdown in the system	202321047280	29/09/2023
9	D.Kranthi Deep	CSE-DS	A novel approach to greenhouse automation using internet of things and deep learning	202341066627	20/10/2023
10	Katepally Sreevidya	ECE	Prediction of skin cancer in real time using machine learning and a mobile app hosted in the cloud	202321061087	20/10/2023
11	Kamakolanu Priyanka	AI&ML	Exploring the potential of artificial intelligence and machine learning for stress detection in the office	202341080369	22/12/2023

			environment		
12	Ms.Naru Divya Jyothi	ECE	The implementation of iot in greenhouse farming: protocols and applications of enabling technologies	202341075524	22/12/2023
13	V.Tharmalingam	CSE-DS	Machine learning and digital marketing techniques for enhancing fast-moving consumer goods (fmcg) brands in developing economies	202341078403	29/12/2023
14	Telugu Maddileti	ECE	Intelligent car parking application using android studio and machine learning	202341058656	06/10/2023
15	Dr.Sunil Tekale	CSE	System and method for automated face reading and analysis using machine learning	202441006329	16/02/2024

List of patents published

A.Y 2022-2023

Sl. No	Name of the Faculty	Department	Title of the Patent	Application Number	Date of Published/ Granted
1	Dr. J. Gladson Maria Britto	CSE	An reliable IoT based automatic door buzzer alert for home security system	202241022044	06/05/2022
2	Mohaideen. A	CSE-DS	Machine learning based approaches for identification and prediction of multiple myeloma	202311054414	08/09/2023
3	Dr.T.Sunil	CSE	The heart disease prediction using technique of classification in machine learning	202341010739	24/03/2023

A.Y 2021-2022

Sl. No	Name of the Faculty	Department	Title of the Patent	Application Number	Date of Published/ Granted
1	Dr.J.Gladson Maria Britto	CSE-DS	Advanced adjustable water resistant ultrasonic based blind stick with gps tracking	202141009556	02/04/2021
2	Dr.J.Gladson Maria Britto	CSE-DS	Holistic database management for nitizens	202141009527	02/04/2021
3	Dr.J.Gladson Maria Britto	CSE-DS	Intelligent parking system with cost analysis for the customer	202241005110	11/02/2022
4	Dr.J.Gladson Maria Britto	CSE-DS	AI based smart automated attendance monitoring system using face recognition with wuhan virus security	202241000927	28/01/2022

Department of ECE

S.No	Name of the Faculty	Title of the Patent	CBR Number/ Patent Application Number	Academic Year
1.	Dr. M. Sandhya Rani Mrs. K. Sreevidya	Intelligent Car Parking Application Using Android Studio And Machine Learning	202341058656	2023-24
2.	Mrs. B. Madhavi	IoT based camera for healthcare management	6337344	2023-24
3.	Mrs. N. Divya Jyothi	The implementation of IoT in Green house farming: Protocols and Applications of enabling Technologies	202341075524	2023-24
4.	Mrs. K. Sreevidya	Prediction Of Skin Cancer In Real Time Using Machine Learning	202321061087	2023-24
5	Mr. B. Ramakrishna	An innovative IoT Based Smart Waste Bin Monitoring and Municipal Solid Waste Management System	202341002162	2022-23
6	Mr. I. Obulesu	Dress classification Robot for Silk shops	202341008236	2022-23
7	Mrs. N. Divya Jyothi	UAV-borne Mobile multimedia computing with Integrated cyber physical surveillance towards a taxonomy of intelligent data processing for IoMT- enabled Radar Sensor Networks	202241052057	2022-23

8	Mrs. P. Anitha Mr. M. Shiva Kumar Mr. D. Rajesh	AI Based Smart Automated Attendance monitoring system using Face Recognition with Wuhan Virus Security features	202241000927	2021-22
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