



# MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

Autonomous Institution, UGC, Govt. of India  
Programmes Accredited by NBA ,Accredited by NAAC with A+ Grade  
Affiliated to JNTUH, Approved by AICTE, ISO 9001:2015 Certified Institute  
Maisammaguda (V), Dhullapally (Post), (Via) Kompally, Medchal,Malkajgiri Dist. T.S-500100

## Department of Electronics and Communication Engineering

### PATENTS

S.NO	FACULTY NAME	PATENT TITLE	YEAR	PATENT NUMBER
1	Dr.Y.Madhavee Latha	A System and Application of AI and Blockchain Integrated Billing Architecture for Charging the Roaming Electric Vehicles	2024	202441081543
2	Dr.Y.Madhavee Latha	A System and Application of Real time CAR Parking Software	2024	202441083318
3	Dr.Y.Madhavee Latha	A System and method of development process in reuse-based agile for drone software technology	2024	202441080355
4	Dr.Y.Madhavee Latha	A System and device of IOT based electric vehicle application for smart cities	2024	202441080356
5	Dr.Y.Madhavee Latha	A System and method of smart parking and Reservation system with scanning Applications	2024	202441081544
6	Dr.Y.Madhavee Latha	A System and Application for A Mixed-Method Approach to make VS buy decision Software	2024	202441083317
7	Dr.N.Sreekanth	A System and Application of AI and Blockchain Integrated Billing Architecture for Charging the Roaming Electric Vehicles	2024	202441081543
8	Dr. K Sudhakar	A System and Application of Real time CAR Parking Software	2024	202441083318
9	Dr. K Sudhakar	A System and Application of Real time CAR Parking Software	2024	202441083318
10	Dr.L.MALLIGA	Wireless Charging Dock with Multi-Device Compatibility	2024	408422-001
11	Dr.S.M.P samy	AI Based Cybersecurity Detection Device	2024	6385245
12	Dr.Jagadeesan N	A System and Application of AI and Blockchain Integrated Billing Architecture for Charging the Roaming Electric Vehicles	2024	202441081543
13	Dr.K.Rakesh	Machine Learning Based Approaches for Intrusion Detection Systems in Wireless Sensor Networks	2024	202441020460 A
14	Dr.G.Deepika Reddy	A Time Synchronization Method for Time Sensitive Communication in a 5G System	2024	202441047506
15	Dr.G.Deepika Reddy	IOT-Based E-Vehicle Energy Maintenance and Fire Accident Avoid System using Artificial Intelligence	2024	202441053367 A
16	Mr. G V S Manoj Kumar	Train Ticket Booking System Using QR Code	2024	202441053229 A
17	Ms K.Sumalatha	A System and Application of Real time CAR Parking Software	2024	202441083318
18	Mr. B Satish Kumar	XGBOOST Model Based Alpha Signal Prediction Using Microblogging Data From Social Media	2024	202441080855 A
19	Mr. S.Srikanth	A System and Application of AI and Blockchain Integrated Billing Architecture for Charging the Roaming Electric Vehicles	2024	202441081543
20	Mr. D.Ramakrishna	A System and Application of AI and Blockchain Integrated Billing Architecture for Charging the Roaming Electric Vehicles	2024	202441081543
21	Mr. K. Raghavendra	A System and Application of AI and Blockchain Integrated Billing Architecture for Charging the Roaming Electric Vehicles	2024	202441081543
22	Mr. G.Harish	A System and Application of Real time CAR Parking Software	2024	202441083318
23	Ms H.Bhagya Lakshmi	A System and Application of Real time CAR Parking Software	2024	202441083318
24	Dr. T S Ghouse Basha	IoT Based Smart Pipes For Water	2023	390038-01
25	Dr. T S Ghouse Basha	AI-Enabled Charging Stations foe Electric Vehicles	2023	6291184
26	Dr. T S Ghouse Basha	Artificial intelligence and block chain technology based system for enhancing financial reporting quality and relationship between auditors and clients	2023	202023103820
27	Dr. T S Ghouse Basha	Deep learning based system for improving sentiment analysis performance on social media data using management strategies	2023	202023105445
28	Dr.K.Rakesh	IoT Smart Vehicle Parking with RFID Smart Card Payment System	2023	202341050298 A

29	Dr.K.Rakesh	Implementation of New Data Augmentation Techniques for Improving Classification Performance in Credit Card Fraud Detection	2023	202341062816 A
30	Dr.G.Deepika Reddy	IOT Based Automatic Drug Dispenser	2023	385257-001
31	Dr.G.Deepika Reddy	Integration of Devices with VLSI Structure and Packaging	2023	202341067297 A
32	Dr.Y.Madhavee Latha	Mobile Phone Charger	2022	355516-001
33	Dr.Y.Madhavee Latha	Remote wireless control	2022	355518-001
34	Dr.Y.Madhavee Latha	Global Positioning Device	2022	355614-001
35	Dr.Y.Madhavee Latha	Spectacle with Projector	2022	355590-001
36	Dr.Y.Madhavee Latha	Scanner	2022	355589-001
37	Dr.Y.Madhavee Latha	Projector	2022	355517-001
38	Dr. K Sudhakar	An Intelligent Management System For Foul Detection And Performance Analysis In Football Matches Using Artificial Intelligence With Machine Learning Techniques	2022	202211060618
39	Dr. K Sudhakar	Development of A Smart Vehicle Horn Management System Based On Artificial Intelligence And Machine Learning For Noise Pollution Control	2022	202231062750
40	Dr.L.Malliga	An Autonomous scrap collecting robotic device	2022	357156-001
41	Dr.S.M.P SAMY	Artificial Intelligence Based Approach To Study The Issues Associated With Fuel Cells To Reduce Cost And Increase Sustainability	2022	202211061210
42	Dr.Jagadeesan N	An IOT based smart mobile phone charger embedded with time sensors.	2022	202241000546 A
43	Dr.Satish Kumar K	A Smart management system for integrating IOT Devices and mobile for client audio visual into a video conferencing application	2022	202211057420
44	DR. N. L. ARAVINDA	Intelligent Framework to Assist The Deaf and Dumb People to Communicate using Artificial Speech	2022	202241049191 A
45	Dr.G.Deepika Reddy	An Artificial Intelligence Based Virtual Surgery & Medical Procedure Assessment, Intervention System and Method Thereof	2022	202241053603 A
46	Ms. K.Sumalatha	Microstrip Antenna	2022	344315-001