



Madanapalle Institute of Technology & Science  
Department of Computer Science & Engineering (Data Science)  
Patent Details: AY 2023 - 2024



S.No	Name of the author	Patent Application No.	Status of Patent (Published / Granted)	Title of the Patent	Patent Filed Date	Patent Published
1	Mr. Arockiaraj abraham	6319705	Grant	Solar based automated railway track inspection trolley	18.10.2023	24.10.2023
2	Mr. Komal Kumar .N	6327952	Grant	Smart Emotion Sensing Device	22.11.2023	29.11.2023
3	Dr. Kusuma Sreenivasa	6327951	Grant	Smart Automobile Health Diagnostic Device	22.11.2023	29.11.2023
4	Mr. Rajkumar. G	6327994	Grant	Intelligent Tea Leaves Disease Detecting Device	22.11.2023	29.11.2023
5	Dr. N. Komal Kumar	202341084140 A	Published	A Convolutional Neural Network Accelerator for Depthwise separable Architecture	09.12.2023	05.01.2024
6	Mr. Rajkumar. G	6346513	Grant	Drug Distribution Device	13.02.2024	24.02.2024
7	Mrs. T. Swetha	6347563	Grant	AI Based Voice Sensitive Virtual Assistant Eye Wear Device	17.02.2024	26.02.2024
8	Mrs. Manjula Prabakar	202441014907 A	Published	Analysing the Role of Machine Learning for Driving the Future of Autonomous Vehicles	29.02.2024	08.03.2024
9	Mrs. R. Roopa	202441006903	Published	System and Method for Tracking and Managing Chronic Diseases using IoT and Machine Learning	01.02.2024	01.03.2024
10	Mrs. M. Nandhini	6345921	Grant	Patient Monitoring Device	09.02.2024	07.03.2024
11	Mrs. R. Roopa	6347613	Grant	Artificial Intelligence Based Shopping Assistance Robot	19.02.2024	19.03.2024

12	Dr. N. Komal Kumar	202441017146 A	Published	IoT uses a Machine Learning Approach Built on Block-Sparse Coding for Accurate Device-Free Localization	10.03.2023	29.03.2024
13	Dr. N. Komal Kumar	202441034120 A	Published	Method and System for Task Scheduling in a Cloud-Fog Network Operating in Space via Computing Offloading	30.04.2024	03.05.2024
14	Mrs. B. Vidhyashree	405206-001	Published	AL and ML Based Robot for Inventory Management	20.01.2024	02.05.2024
15	Mr. Arockiaraj abraham	202411023346 A	Published	Uncovering the Mechanisms and Evaluating Nanoparticle-Based Drug Delivery Methods using Resveratrol in Lung Cancer Therapy	25.03.2024	17.05.2024