

R.M.D ENGINEERING COLLEGE

(An Autonomous Institution)

R.S.M Nagar, Kavaraipttai-601206

PATENT PUBLICATIONS

Calendar Year 2025

UTILITY PATENTS

S.No.	Application Number	Patent Title	Name of the Applicant	Inventors	Date of Filing	Date of Publishing
1.	202541049199	Smart Assistance Library System For The Disabled: An IoT Based User-Friendly Wheelchair	R.M.D. Engineering College	Dr. S. Srinivasan Mr. L.V.S. MadhavaRao Mr. K. Jaya Chandra Mr. K. Gana Sri Ram	21.05.2025	06.06.2025
2.	202541049195	Wearable Intelligent Guidance System for the Visually Impaired	R.M.D. Engineering College	Dr. P. Ezhumalai Ms. A. Tamizharasi	21.05.2025	06.06.2025
3.	202441103165	IOT-Enhanced Behavioural Analytics for Personalized Autism Spectrum Disorder Intervention	R.M.D. Engineering College	Dr. P. Ezhumalai Ms. V. Sharmila Ms. K. Balasaranya G. Manisha	26.12.2024	10.01.2025
4.	202541019928	Privacy-Preserving data sharing mechanism for collaborative analytics in healthcare	R.M.D. Engineering College	Dr. R. Sasikumar Dr. C. S. Anita	05.03.2025	21.03.2025
5.	202541048875	IOT Assisted Smart Wearable Device	R.M.D Engineering College	Ms. V Sharmila Dr. P. Ezhumalai D. M. Kalai Selvi Mr. A Christopher	20.05.2025	01.08.2025
6.	202541049197	A System for Automated Creation and Uploading of Video Based on News Data and its Method Thereof	R.M.D. Engineering College	D. M. KalaiSelvi Dr. P. Ezhumalai Mrs. V. Sharmila Mr. Sasikaran S	21.05.2025	06.06.2025
7.	202541049196	LAWNBOT: Automating Smart Lawn Care	R.M.D. Engineering College	Dr. K. HelenPrabha Ms. P. Santhoshini	21.05.2025	06.06.2025

				Mr. Jaibalaji.S.T		
8.	202541049198	Intelligent Security System for Theft Prediction and Prevention in Jewelry Stores	R.M.D. Engineering College	Dr. C. ShobanaNageswari Dr. M. Shakunthala Mr. PhanindraReddy.K	21.05.2025	06.06.2025
9.	202541113537	Centralized street Light Fault Detection and Energy Optimization System	R.M.D Engineering College	Dr. J. Sumithra	19.11.2025	05.12.2025
10.	202541048874	Smart Farming with Digital Fencing: Enhancing Security and Precision Agriculture	R.M.D Engineering College	Ms. S. Jayanthi Ms. K. S. Nishanthi	20.05.2025	01.08.2025
11.	202541015901	Digital Assistants For Hearing Impaired Using Iot and AI for Voice Recognition And Assistance	R.M.D. Engineering College	Dr. K. Balasubadra Dr. V. PrasannaSrinivasan	24.02.2025	07.03.2025
12.	202541015902	Smart Prosthetic Limb With IOT and Artificial Intelligence for Predictive Movement and Control	R.M.D. Engineering College	Dr. K. Balasubadra Dr. V. PrasannaSrinivasan	24.02.2025	07.03.2025
13.	202541049307	Object Detection in E-Commerce Using Yolo V8 Enhancement Techniques	R.M.D. Engineering College	Dr. K. Balasubadra Dr. V. PrasannaSrinivasan N. Arockia Rosy M. Radhika N. Abirami	22.05.2025	06.06.2025
14.	202541048871	Enhancing Miner Safety With An Intelligent Smart Helmet For Modern Mining Operations	R.M.D Engineering College	Dr. R. Jothilakshmi Dr. B. Kalpana Dr. D. Praveena Dr. S. Velmurugan Ms. G. Janani	20.05.2025	01.08.2025
15.	202541048872	Haptic Navigator Proximity Based Guidance For Enhanced Spatial Awareness	R.M.D Engineering College	Dr. G. Amudha Dr. N. Muthuvairavan Pillai Ms. Bavadharani G Ms. Jayasri D Ms. Abinaya K	20.05.2025	01.08.2025
16.	202541000245	Wireless Electric Vehicle Charging Device	R.M.D. Engineering College	Dr. G. Amudha	02.01.2025	10.01.2025

17.	202541048873	Unmanned Maritime Safety System And Method Thereof	R.M.D Engineering College	Dr. C. S. Anita Dr. C. Ambhika Dr. Badi Alekhya Mr. Lochan Lalithya Mr. Tanzeel Mohamed Ms. Shanmuga Priya S Mr. Karthikeyan.A	20.05.2025	01.08.2025
18.	202541049211	Distributed Ledger System for Secure Financial Transaction using Artificial Intelligent	R.M.D. Engineering College	Dr. C. Ambhika Ms. K. Gayathridevi	21.05.2025	06.06.2025
19.	202541048870	A Device for conservation network model for global marine rescue	R.M.D Engineering College	Dr. V. Tamilselvi Dr. T. A. Sundaravadivel Dr. U. Nagabalan Dr. N. Padmavathi	20.05.2025	01.08.2025
20.	202541060029	Smart Photovoltaic Cell with Adaptive Spectrum Splitting for Enhanced Solar Energy Conversion Efficiency	R.M.D Engineering College	Dr. R. Priya Dr. P. Kamalarajan Dr. K. S. Radha Dr. V. Subha Dr. S. Ramesh	23.06.2025	04.07.2025
21.	202541106688	Smart ATM Breaking Barriers with Open CV for Dumb, Blind And Dumb Users	R.M.D Engineering College	Dr. P. Usha Rani	04.11.2025	28.11.2025
22.	202541016193	Enhancement of Air Quality Using Intelligent Controller	R.M.D. Engineering College	Dr. P. Usha Rani	25.02.2025	07.03.2025