



RAMCO INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

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NBA Accredited UG Programs: CSE, EEE, ECE, MECH and CIVIL

Department of Information Technology

PATENT DETAILS

2024 – 2025

Sl. No	Title of the Invention	Name of the Faculty	Application Number	Filing Date	Status	Date of Publication	Document Link
1	Sensor Enabled Smart Locker System	Dr. V.Anusuya Mr. S.Sakkaravarthi	202441050109 A	30.06.2024	Published	05.07.2024	https://shorturl.at/pJUwc
2	AI Powered platform for Indian Knowledge system with dynamic content and interactive graphs	Dr. V.Anusuya Mr. S.Sakkaravarthi	202441048128 A	23.06.2024	Published	05.07.2024	https://shorturl.at/yAoTB
3	Alert System For Hearing Impaired Children	Dr. V. Anusuya Mrs. M. Rethina Kumari	202441090333	21/11/2024	Published	29/11/2024	https://shorturl.at/sWhXp
4	Dynamic Resource Allocation for IoT Applications Through AI-Enabled Cloud Systems for Efficient energy management in smart homes	Dr. S. Senthilkumar M. G. Santhosh Raja G. Mareeswari AswaniKumar Unnam Dr. T. Balachander Dr. Jogendra Kumar Dr. S. Aravindh Dr. R. Deepa	202541008041	30/01/2025	Published	07/02/2025	https://shorturl.at/KNY0b
5	Predicting Asthma prevalence from Air pollution data using supervised algorithms	Nakka Maisaiah, T V Divya, G.Sivasathiya, Kalamani A, Ashok Ganga, Dinesh CM, Dr S Jagannathan, Dr. CH. Asha Immanuel Raju, P. Sudharsan	202441102027	23/12/2024	Published	10/01/2025	https://shorturl.at/9nWnq

6	Artificial Intelligence Enabled Image Analysis for Battery Performance Optimization Using Deep Neural Networks	Ms. Meenakshi S Dr. H. Vennila Dr. N. Mahalakshmi Dr. P. S. Gomathi Dr. Jeya Caleb J Ms. Jeba Malar. M Dr. V. Samuthira Pandi Dr. K. Palraj Dr. Sampath K Ms. Munjeti Sowjanya	202541088621	17/09/2025	Published	17/10/2025	https://tinyurl.com/5n6pvy7a
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