

PATENT PUBLICATIONS

S.No	Year	Title of the Patent	Application Number	Name of the Applicant	Date of Published	Status
1.	2024	Implementing IOT-based smart control and simulation for enhanced agricultural systems	202441019896	Mr. Balaji Sampathkumar	29/03/2024	Published
2.	2024	IOT-Enhanced secure data encryption and transmission for next-generation computing environments	202441002776	Mr. Balaji Sampathkumar	29/03/2024	Published
3.	2024	Sensor based Agricultural Robot for Pesticide Spraying	6352307	Mr. Balaji Sampathkumar	20/03/2024	Grant
4.	2024	AI-Driven strategic decision support system for business leaders: a cognitive analytics approach to enhance decision-making in dynamic markets	202411005074	Mrs.V. Priyadharsini	09/02/2024	Published
5.	2024	Development of eco-friendly concrete with waste marble sludge	202341087902	Dr.R.Premudha	12/01/2024	Published
6.	2023	Smart sensing Technology for real time load analysis in large structures	202341082079	Mr.Sheik Mohamed Anas	22/12/2023	Published
7.	2023	Smart device for teaching mathematics for the blind students	6331008	Mrs. Lathanayagam Eswaran	13/12/2023	Grant
8.	2023	Analysis of the Role of Communication Skill in Career Growth	202331048264	Mrs.Soundarya P	13/10/2023	Published
9.	2023	Smart glucose monitoring device	6311021	Mrs.Nirmala Chelladurai,	26/9/2023	Grant

				Mrs.Lathanayagam Eswaran, Mrs.Mohanasudha Kanagavel, Mrs.Sangeetha Rangasamy, Dr. Abinprakash Ramalingam, Mrs.Sumathi Ramasamy, Mrs.Mohanambal Balu, Lavitha Sathasivam, Mrs.Revathi Nataraj		
10.	2023	Optimizing Battery Health and charging Speed of Electric Vehicles through Deep learning Techniques	202341027841	Dr. A.Senthilkumar	05/05/2023	Published
11.	2023	Evaluation of Energy Heuristics for Wireless Networks	202341029347	Mr.S.Balaji	05/05/2023	Published
12.	2023	Artificial Intelligence and IoT Based Automatic Fruit Quality Detection Using Hyperspectral Camera, Image Processing and Deep Learning Algorithm	202341025382	Mr.S.Balaji	05/05/2023	Published
13.	2023	The Internet Of Things (Iot) Could Be Helped By Using Photovoltaic Cells To Power Wireless Tags That Are Built Into Flexible Perovskites	202321027525	Mrs.V Priyadharsini	12/05/2023	Published
14.	2023	A Composition for a Water-Permeable Block to Increase Water Permeability and Durability by Using Ferronickel Slag as an Aggregate	202341027765	K. Porulselvi	26/05/2023	Published

15.	2023	Early Stress Detection and Monitoring System Using The Machine Learning Approaches Integrated With Internet of Things	202341007257	Dr.L.Jubair Ahmed	24/02/2023	Published
16.	2022	Improving the thermal uniformity of walls made of cellular concrete products through the use of polyurethane adhesive in masonry	202241073292	Mr. P. A. Edwin Fernando	30/12/2022	Published
17.	2022	Security Robot System Based On Iot	202241063462	Ms.K.Veena	18/11/2022	Published
18.	2022	Revolutionaries The Transport System Using Artificial Intelligence	202221054872	Mr.S.Balaji	07/10/2022	Published
19.	2022	Design And Fabrication of Automatic Solar Powered Grass Cutting Machine	202241037246	Dr.S. Nagaraja Dr.N.Mathan kumar	08/07/2022	Published
20.	2022	Design And Fabrication of Solar Powered Oil Skimmer Machines	202241034753	Dr.S.Nagaraja Dr.N.Mathan kumar	24/06/2022	Published
21.	2022	Design And Fabrication of Automatic Pneumatic Emergency Exit for Automobile	202241034754	Dr.N.Mathan kumar Dr.S.Nagaraja	24/06/2022	Published
22.	2022	Remote Operated Solid Waste Cleaning Machine	202241034757	Dr.N.Mathan kumar Dr.S.Nagaraja	24/06/2022	Published
23.	2022	IoT based child rescue system from an open bore well unit	202241024020	Dr.S.Sendhil Kumar , Mr.Rajasekar.C , Mr.Vinoth S, Mr. N. Suresh	13/5/2022	Published

24.	2022	Sun Tracking Solar Panel	202241025172	Dr.A.Umamaheshwari, Mrs. A. Ambika, Mrs. R. Bavithra, Mrs. D. PriyaManohari, Mrs. S. Shanmugapriya Ms. V. Indhu	27/05/2022	Published
25.	2022	A Virtual Reality Based Room for Improving Health of Self - Quarantine Patient	202241008710	Dr. K. Sivasankari, Mrs. K. Nimisha, Ms. S. ShanmugaPriya, Mrs. R. Kiruthikaa, Mrs. A. Ambika , Ms. V. Indhu Dr.S.Jothi Lakshmi, Mrs.M.Nisha, Ms.P.Sowkarthiga, Mrs.K.Veena,	04/03/2022	Published
26.	2021	Combination of Three Energy Conversion System for a Vehicle	202141009534	Dr. N. Mathan kumar	12/03/2021	Published
27.	2020	Computer based system and method for customer desired outcomes	202041001192	Dr.N.Rajkumar	17/01/2020	Published
28.	2020	Hybrid of Natural Fiber Reinforced Composites	202041001193	Dr.S.Nagaraja,	17/01/2020	Published
29.	2019	”Real time intuitive trash management system”	201941019790	Dr.N.Suguna Dr.J.Jaya, T.Boobalan	14/06/2019	Published
30.	2019	“Wireless smart billing basket for super markets”	201941019787	Dr.N.Suguna Dr.J.Jaya, T.Boobalan	14/06/2019	Published

31.	2018	Compatible Robotic ARM for CNC Machines using Parallelogram Theory	201941005975	Dr.N.Suguna Dr.J.Jaya	22/02/2019	Published
32.	2018	Modelling of Compatile Coir Fibre Dryer using Heat Advection and Technique for SSI Employees	201941005976	Dr.N.Suguna Dr.J.Jaya	22/02/2019	Published
33.	2019	Smart Hygiene Monitoring for Public Toilets in Rural and Urban using IoT	201941005977	Dr.J.Jaya, Dr.N.Suguna T.Boobalan	22/02/2019	Published
34.	2019	Infant Health care Monitoring System for Rural medicine centre using IoT	201941005978	Dr.J.Jaya, Dr.N.Suguna T.Boobalan	22/02/2019	Published
35.	2019	Metal Crack Identification Using Computer Aided Detection System Employing Image Processing Technique Using Inconel X750	201941005979	Dr.J.Jaya	22/02/2019	Published
36.	2019	Disease Identification System Through Diagnosis	201941005618	Dr.J.Jaya	22/02/2019	Published
37.	2019	Advanced Sulphur Control System	201941001294	Dr.N.Suguna Dr.J.Jaya	25/01/2019	Published
38.	2019	System for optimizing eight dimensional (8D) audio signals in a pair of three dimensional (3D) spectacles	201941002364	Dr.J.Jaya	25/01/2019	Published
39.	2019	Acoustic Fencing	201941001292	Dr.N.Suguna Dr.J.Jaya	25/01/2019	Published

40.	2018	A Smart Mosquito Control Fish Tank	201841037304	N.Dhamodharan	3/10/2018	Published
41.	2017	Spectrum Detection Methodology for Cognitive Radio System through Machine Learning	201741017851	Mr.H.Anandakumar	05/04/2024	Grant
42.	2017	Method of Exploration and Discrimination of Mineral Abundance in Beach Sand	201741015394	Vincent Jayaraj Joevivek	12/05/2017	Published
43.	2016	Acoustic Fencing	201941001292	Dr.N.Suguna Dr.J.Jaya	10/06/2016	Published
44.	2016	One Touch Oil Drain System	201641016691	Dr.V.Boopathi Sabareesh Mr.M. Selvaraju	10/06/2016	Published