

SRM VALLIAMMAI ENGINEERING COLLEGE
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SRM Nagar, Kattankulathur – 603 203
Department of Electronics and Communication Engineering

Patent Details – 2022-2023

S.no	Name of the Inventors	Name of the Co-Inventors	Title	Application No.	Patent Filed date	Published Date	Current Status (FILED/PUBLISHED/GRANTED)
1	Dr. Murugan Mahalingam Dr. S. R. Preethi	Dr. A.R. Revathi	A Universal remote for IoT devices	372599-001	15.10.2022	24.02.2023	Published
2	Mr.C.Saravanakumar	Dr.M.Ravikiran, Y Mohana Roopa, Dr.Manjot Kaur, Pratik Kumar Dubey, Mr.Sanjaykumar Mahadeo Ingale, Dr. Namita Arya	Visual Tracking Of Indoor Flying Advanced Auto Monitor Robots	202241060941	26.10.2022	04.11.2022	Published
3	Dr. C. Amali, Dr. N. Subhashini,	Mr. R. Rajesh, Mr. S. Mythrayan	Reward Based Eco-Friendly Framework For Sustainable Waste Management System	202241058316 A	12.10.2022	21.10.2022	Published
4	Dr. M.Murugan	Dr. Pramod Uttamrao Chavan Prof. Pratibha Pramod Chavan Prof. Vivek Dattarm Ghanekar Dr. R.Ramadevi	Hardware Abstraction Layer For Heterogeneous Distributed Control Systems.	202221054160	22.09.2022	07.10.2022	Published
5	Mr.C.Saravanakumar	Neve Gaurav Rajendra, Yousef Methkal	AI Based Smart Health Care System to Predict	202221044586	04.08.2022	23.09.2022	Published

mar,	Abd Algani, Dr. S. M. D. Mathuravalli, Goutam Banerjee, Dr. Jitesh Rajendra Neve, Dr.K.Dhayalini, Dr. Panem Charanarur, Subhash Yalavarthy, Dr. Brijesh Sathian	and Early Stage Prevention of All types of Diabetes for All Ages Using Machine Learning Algorithms and Deep Learning Algorithms for Healthy Life.				
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Patent Details - 2021-2022

21 1	Name of the Inventors	Name of the Co- Inventors	Title	Application No.	Patent Filed date	Published Date	Current Status <small>(FILED/PUBLISHED/GRANTED)</small>	Page.no
1	Dr. S. R. Preethi Mrs. K.Arthi	Dr. A.R. Revathi	Feeding Bottle With Temperature Display	358025-001	07.02.202 2	01.04.202 2	Granted	210
2	Dr.G.Udhayakumar	Dr.V. Suresh Kumar Dr. S.C. Prasanna Dr. Komala James	IoT Based Fuel Level Measurement and Tracking of Vehicle	20224100682 1	09.02.202 2	04.03.202 2	Published	211
3	Dr. N. Subhashini	Dr. M. Murugan Dr. Usha Bhanu N. Dr. C. Amali	Radio Frequency Energy Scavenging System For Sustainable Power To Health Care Devices	20224100821 2	16.02.202 2	25.02.202 2	Published	212
4	Dr. N. Usha Bhanu Mr. C. Saravanakumar	Dr.Pokkunuri Pardha Saradhi Dr.Raghava Yathiraju Sreedevi S Chitransh dixit Pankaj Sahu Rakesh Patel	Machine Learning Based Diagnosis of Chronic Kidney Disease in Diabetes Patients	2021107110	25.08.202 1	26.10.202 1	Granted (Australian Patent)	214
5	Dr.V. Suresh Kumar	Dr.S.Rooban Dr.R.Manimegalai Dr.Nagalakshmi Venugopal	Design System Using AES Data Security in Field Programmable Gate Arrays (FPGA) For Autonomous Robot	20214103379 4 A	27/07/202 1	06.08.202 1	Published	216

Patent Details - 2020-2021

S. no	Name of the Inventors	Name of the Co-Inventors	Title	Application No.	Patent Filed date	Published Date	Current Status (FILED/PUBLISHED/ GRANTED)	Page. no.
1	Dr. N. Usha Bhanu Mr.C. Saravanakumar	Dr.S Sivasubramanian Dr.G.Manikandan Dr.G. Bhuvaneswari Dr. N. Kumaresan R.Venkatasubramania Dr.I.Jerin Leno Mr.Saravanan A Mrs. Thirupurasundari Mrs.A Hemlathadhevi Mr. C Ramesh Kumar Bibhu Prasad Ganthia Dr. Glorindal Selva	IoT Based Wearable Wireless Volume Control Device For Any Electronic Gadgets	202041049423 A	12/11/2020	20.11.2020	Published	229
2	Dr.C.Amali	Prof N.Kanniyappan Prof .C.Anandhan Dr. P.G.V. Ramesh Prof.M. Vijay K.Priyadharshini Prof S.Bashyam Prof R. Senthil Kumar Dr.S.Kumarganesh Dr.K.Murugan Dr.T.Yuvaraja Prof K.Jayaram S. Sathish Kumar	IoT Based Smart Wearable Child And Women Safety Device	202041049152 A	10/11/2020	13.11.2020	Published	230
3	Dr. S. R. Preethi Dr. M. Murugan	Dr. A.R.Revathi S. Shunmuga Raman Ponsy R K SathiaBhama	AI Based Control Adaptive Automation System	202041044014	09.10.2020	16.10.2020	Published	231
	Dr. S. Ramesh	C.T. Manimegalai R. Raju N. Vijayalakshmi Arulnanthisivam swaminathan	Design and Implementation of a Disaster Management System Using IoT and Cloud	2020101867	18.08.2020	09.09.2020	Granted (Australian Patent)	232

		Radhika.K.S.R Dhiravidachelvi.E	Computing Techniques For a Connected Buildings To Save Lives With Early Warnings					
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