

SRM VALLIAMMAI ENGINEERING COLLEGE

(An Autonomous Institution)
SRM Nagar, Kattankulathur-603 203

PATENT DETAILS

07.05.2026

Status	Total
Granted	56
Published	155
Filed	54
TOTAL	265

SRM VALLIAMMAI ENGINEERING COLLEGE
(An Autonomous Institution)
SRM Nagar, Kattankulathur-603 203

PATENT DETAILS

Department: Computer Science and Engineering						
S.No	Name of the Applicant	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Published/Granted)
1.	SRM Valliammai Engg college	Ms.Lalitha A Dr.A.Samydurai S.LogeshwaraN G.PrasannaRaj M.Rishap	Smart meeting platform with real-time Emotion analysis using artificial Intelligence	202541023383	01/04/2026	Filed
2.	SRM Valliammai Engg college	Dr.C.Pabitha	Federated Deep Learning For Privacy Preserving Financial Data Analytics	202641036867	26/03/2026	Filed
3.	SRM Valliammai Engg college	Priyadharshini.M Jahan Kumar B Jayachandran S Ponkurruthick K	Online Voting System With Face Recognition	202641036875	26/03/2026	Filed
4.	SRM Valliammai Engg college	Ms.S.Suma Kavyaa. K Latchyasri K Madhumitha S	Transformer Based Super Resolution for Multi Spectral Satellite Imagery Enhancement	202641036885	26/03/2026	Filed
5.	SRM Valliammai	Dr.B.Vanathi	Transformer's Edge – Video Transcription	202641035301	24/03/2026	Filed

	Engg college	Ms.S.Anslam Sibi S.Sandhiya Sunkara Gopi Chand S.Yuvasri	and Summarization			
6.	SRM Valliammai Engg college	Ms.S.Anslam Sibi, V.Saritha, V.Umamageshwari, M.K.Naveen Kumar	Hybrid Deep Learning Framework for Intelligent Digital Document Forgery Detection and Information Extraction	202641035298	24/03/2026	Filed
7.	SRM Valliammai Engg college	Mrs.R.Anitha, Karthik.S, Naveen Kumar S Nikhil B	TAP-N-PRINT : QR Based Smart Printing KIOSK	202641036874	26/03/2026	Filed
8.	R. Gayathri Assistant Professor, Department of CSE, SRMVEC, Tamil Nadu	R. Gayathri Assistant Professor, Department of CSE, SRMVEC, Tamil Nadu	Face Recognition and Voice assist-based Vehicle ignition and Controlling System	202541007273	29/01/2025	Published
9.	SRM Valliammai Engg college	Dr M Mayurnathan Ms Shanthi Ms Priyadharshini Dr Kumaresan Dr Vidhya Ms R Anitha	AI-assisted rural Health care robot	468609-001	02/08/2025	Published
10.	SRM Valliammai Engg college	Dr G Sangeetha Ms.S.Suma Ms Mohanapriya Dr Samydurai Ms V Prema Ms Balaswathy	Machine learning embedded heart health monitoring device	468610-001	02/08/2025	Published
11.	SRM Valliammai Engg college	M.SophiyaSugantha Grace Abdul Basith Arun pandian J	Beyond Touch: Eye Gaze and gestures reshape human computer interaction	202541034647	09.04.2025	Published

		Abarna M Aarthi R				
12.	SRM Valliammai Engg college	Dr A Samydurai S Srivatsan Surekha B Thirugnanamoorthy IM	AI driven Ultra sound technology for wildlife deterrence and monitoring	202541033309	04.04.2025	Published 25/4/2025
13.	SRM Valliammai Engg college	Dr M Mayurnathan Varshain GS Saran V Shriprasad S Sivadarshan M RG	Vision Transformer and Mask R –CNN based ensemble model for trash segmentation	202541032498	02.04.2025	Published 18/4/2025
14.	SRM Valliammai Engg college	Dr C Pabitha A Prajitha V Shamirtha R Vignesh	Safe tracker combines safety and tracking capabilities using computer vision	202541025891	21.03.2025	Published 4/4/2025
15.	SRM Valliammai Engg college	Dr A.Samydurai Ms.A.Lalitha A Manivanan M Pranavh Balaji	Smart meeting platform with Real time emotion analysis using Artificial Intelligence	202541023383	17.03.2025	Published 28/3/2025
16.	SRM Valliammai Engg college	Dr.S.Venkatesh R.Sudharsan M Sharanragalingam M.Vaishnav	Novel AI based ensemble technique for efficient training of deep neural network on brain tumor detection	202541021756	11.03.2025	Published 21/03/2025
17.	Dr.G.Kumaresan	Ms.M.Priyadharshini Ms.S.Shanthi, Dr.G.Sangeetha Ms.M.Mohanapriya Dr.A.Samydurai-	IOT Based Agricultural Weather Station For Forecasting Crop Yields	439180-001	02.12.2024	Granted
18.	Dr.V.Dhanakoti	Mr.P.Siranjeevi Dr.V.Dhanakoti Mr.J. Madhu Karthick Dr.V.Sathya	Adaptive Intrusion Detection System Using AI And Blockchain For Enhanced Network Security	202441076782 A	18/10/2024	Published

		Mr.A.Arunpandiyan Dr.B.N.Karthik Mr.R.Sankaranarayanan Ms.M.Kavitha Ms.V.Abarna				
19.	Ms. M.Priyadharchini Dr. C.Pabitha Dr. Vanathi.B Dr, Shanmugam K	Ms. M.Priyadharchini Dr. C.Pabitha Dr. Vnathi.B Dr, Shanmugam K	A Robotic Arm To Process Of Physiotherapy postures And Monitoring The Patent Continuously	202441053254	26.07.2024	Published
20.	Mr.D.Richardson	Mr. D. Richardson	IOT Based Advanced Smart Cradle For Baby Monitoring System	23.04.2024/5864 /202441032067	26.04.2024	Published
21.	Dr.M.Mayuranathan	DR S.U.Suganthi DR.G.P.Bharathi DR.M.Mayuranathan MS.G.Akilandasowmya MR.M.S. Ulaganathan DR.R.Prabha	Smart Street Light	367894-001	18/072022	Granted Design Patent No: 367894-001 Dated:19.01.2023
22.	Dr. A. Samydurai	Dr. A. Samydurai Dr.K.Revathi	IOT based portable physiological sign Monitor	201941050124	05/12/2019 Date of Grant: 27/03/2024	Granted Patent No:530418 27/03/2024
23.	Dr.B.Muthusenthil	1.Dr.B.muthusenthil 2.Dr.Chellavelu Vijayakumar	All in one portable smart pill box - a Design of smart pill kit	201841028737	31/07/2018 Date of Grant: 01/03/2024	Granted Patent No: 518268 01/03/2024
24.	Dr. M. Senthilkumar	1.Dr. B. Chidhambararajan 2.Dr. M. Senthilkumar 3.Shenbagavadivu S	A trendy digitalizer-runs on docker for Digitalization of tamil content	202241007891	15/02/2022 15/02/2024	Granted Patent No: 511136 15/02/2024
25.	Dr. C.Pabitha	Dr.K.Revathi Dr.C.Pabitha Dr.W.Gracy Theresa	Wireless Emotion Detection System	421556-001	28.06.2024	Granted Design Patent No:3451556-

		Dr.Pornpimol Chawengsaksoy Dr.Mithileysh Sathiyarayanan				001
26.	Dr. C.Pabitha	Dr. C.Pabitha Dr. P. Narmatha Dr. Moorthy.C Dr. A.Harshavardhan Dr. D.Christy Sujatha	IOT-Integrated Smart Glasses Frame	398818-001	30/10/2023	Granted Design Patent No:398818-001
27.	Dr.C.Pabitha	Ms. Pushpa B Dr.C.Pabitha . Khiumajuliu Abonmai Dr. A.Harshavardhan Dr. T.K. Balaji Dr.Soundararajan.S	Lung Cancer Detection Device	Design No.391256-001	26/07/2023	Granted Design Patent No:391256-001
28.	Dr.C.Pabitha	1)Dr.C.Pabitha 2)V.Nalina 3)M.Nandhini 4)I.Rajalakshmi	IOT based intelligent door lock ingress control system with digital Notification	202341028241 A	05/05/2023	Published
29.	G. Sangeetha	S. Harsha vardhan S. Shantha kumar D. Varun	Human activity realisation using dnn classifier and feature analysis	202341028245 A	05.05.2023	Published
30.	Ms. A. Vidhya	Ayaan gouse M. Bhubesh M. Hemavathy	Deep learning and remote sensing: waste detection using uav data in a bounded geographical area	202341029461 A	05.05.2023	Published
31.	Dr. B. Muthusenthil	M. Logeshwaran M. Logeshwaran J.muthamiz selvan	Smart phone based autonomous vision enabled waste segregator	202341028499 A 569907	05.05.2023	Granted 20.08.2025
32.	Dr.G.Kumaresan	R. Ranjith M. Sabarish J. Samuel jayaraj	Music recommendation system based on emotion detection using deep convolutional neural network	202341028387 A	05.05.2023	Published

		S. Suryakumar				
33.	Mr.K.Shanmugam	Dr.B.Vanathi Dr.C.Pabitha	Extraction of tamil inscriptions for character recognition using convolutional deep learning	202341005768 A	30.01.2023	Published
34.	Dr.C.Pabitha	Dr.B.Vanathi A.Vidhya S.Suma	Classification of architectural heritage images using deep learning techniques.	202241043147A	28.07.2022	Published
35.	Dr.M.SenthilKumar	Dr.B.Chidhambararajan Mrs.S.Shenbagavadivu	A Trendy Digitalizer –Runs on Docker for digitalization of tamil content	202241007891	15.02.2022	Granted Patent No:511136
36.	Dr.D.Kavitha	G.Ahamed Zeeshan Nidhi Sinha R.Sundaragure N.Yashwanth K.N.Nagesh R.Chiranth B.N.Aravind B.H.Yogeshwary Sanjit Ponnuswamy Krishnajegan	Decentralized data Storage and Processing method for automatic Wireless Network Authentication in IOT System (Australian Patent)	2021103108	07.07.2021	Granted
37.	Mrs.C.Pabitha	Dr.B.Vanathi	A Hybrid system for skin burn image classification and severity grading and its Method thereof (Australian Patent)	2021101300	21.04.2021	Granted
38.	Dr. A. Samydurai	Ms. K. Revathi	IoT Based Portable Physiological Sign Monitor	201941050124	05.12.2019	Granted Patent No:530418
39.	Mrs.S.Shanthi	S. Sheeba Rani Gnamalar. T. J.,Janet, K.C.Ramya, K.Vinothkumar, K.Geetha, J.B.Rizwana,	Non Isolated Bi-directional Converters with Coupled Inductors (NBDCCI) for hybrid Electric Vehicle (HEV) Applications	PCT/IN2019/050392	16.5.2019	Published

		V.Kamatchi Sundari, B.Sangeetha, S,Baskaran, L.Kannapiran				
40.	Dr.B.Muthusenthil	Dr.C.Vijayakumaran	All in one Portable smart Pill Box-A design of Smart Pill Kit	201841028737	31.07.2018	Granted. Patent No:518268

Department: Electronics and Communication Engineering

S.No	Name of the Applicant	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Published/Granted)
41.	SRM Valliammai Engineering College	N.Subhashini C.Saravanakumar V.Sureshkumar Komala James	Compressive Sensing Based Agricultural Field Monitoring System	202341053120	08.08.2023	Granted 586454 07.04.2026
42.	SRM Valliammai Engineering College	N. Subhashini Hariharan A Hariharan .S Harikaran .G Jana .C	Privacy Preserving Federated Learning Framework for Centralized Physiological Data Monitoring	202641025484	04.03.2026	Filed
43.	Dr. A. Simon Prabu	Mr. G. Palanikumar Dr. Selvaraju Ms. Shobana D Dr. V. Samuthira Pandi Ms. Lakshmi Priya J Ms. Sangeetha T Mr. W. Stanley Karunakaran Ms. D. Santhiya Dr. A. Simon Prabu	AI-powered wearable sensor network for continuous and secure health surveillance	IN20264100360 1 A1	13.01.2026	Published

		Mr. Gunasekar. M,				
44.	Dr. R. Dhananjeyan	Dr. R. Dhananjeyan Ms. M. Saraswathi Dr.Harikrushna Gantayat Dr. T. Kamaleshwar Dr. S. V. Priya Ms. R. Brindha Dr. P. Renukadevi	AI- Based Cognitive Device for 5G Signal Testing	473194-001	11.09.2025	Published
45.	SRM Valliammai Engineering College	Dr.Subhashini Neelamegam	Low power Cooperative Communication Network with node level energy harvesting for environmental monitoring.	202441068146	10.09.2024	Published
46.	Dr. S. Ramesh	K.Kayalvizhi Dr. S. Ramesh	Reconfigurable UWB/5G Mode MIMO Antenna	420098-001	14.06.2024	Granted 27.08.2025
47.	SRM Valliammai Engineering College	Mr.S.Senthil Murugan Dr. C. Saravanakumar Mr. A.Pandian Mr.S. Marirajan	Cryptographic device for secure communication	451759-001	17.03.2025	Granted 25.07.2025
48.	SRM Valliammai Engineering College	Dr.N.Jothy Dr. J.Premalatha Dr. C.Amali Dr.K.Durgadevi	IoT based wearable device for remote health monitoring	451757-001	17.03.2025	Granted 30.05.2025
49.	SRM Valliammai Engineering College	Dr.S.R.Preethi Dr. Komala James Mrs. K.Arthi Mrs.S.Abirami	IoT sensor network for environmental monitoring	451758-001	17.03.2025	Granted 15.07.2025

50.	SRM Valliammai Engineering College	Dr.C. Saravanakumar Dr. N.Subhashini	Method And System For Secure Data Transmission Using DNA-Based Audio Signal Encryption	202541019501	05.03.2025	Published
51.	SRM Valliammai Engineering College	Dr. N. Subhashini Kathirmukilan.P Infant Rakshanaa.J Jeyavarshini.N Jayasurya.N	Ensemble Analysis based Predictive Analysis of Air Quality Using ZPHSO1B Sensor Data	202541016757	26.02.2025	Published 21.03.2025
52.	Subhashini Neelamegam, Dr.M.Murugan, Dr.Usha Bhanu, Dr.C.Amali	Subhashini Neelamegam, Dr.M.Murugan, Dr.Usha Bhanu, Dr.C.Amali	Radio Frequency Energy Scavenging system for sustainable power to health care devices	202241008212	16.02.2022	Granted 542482 21.06.2024
53.	Dr. Murugan Mahalingam Dr. S. R. Preethi	Dr. A.R. Revathi	A Universal remote for IoT devices	372599-001	15.10.2022	Granted 24.02.2023
54.	Dr.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	Published 04.11.2022
55.	Dr. C. Amali,	Dr. N. Subhashini, Mr. R. Rajesh, Mr. S. Mythrayan	Reward Based Eco-Friendly Framework For Sustainable Waste Management System	202241058316	12.10.2022	Published 21.10.2022
56.	Dr. M.Murugan	Dr. Pramod Uttamrao Chavan Prof. Pratibha Pramod	Hardware Abstraction Layer For Heterogeneous Distributed Control Systems.	202221054160	22.09.2022	Published 07.10.2022

		Chavan Prof. Vivek Dattarm Ghanekar Dr. R.Ramadevi				
57.	Dr.C.Saravanakumar	Neve Gaurav Rajendra, Yousef Methkal Abd Algani, Dr. S. M. D. Mathuravalli, Goutam Banerjee, Dr. Jitesh Rajendra Neve, Dr.K.Dhayalini, Dr. Panem Charanarur, Subhash Yalavarthy, Dr. Brijesh Sathian Dr. A.Mohathasim Billah	AI Based Smart Health Care System to Predict and Early Stage Prevention of All types of Diabetes for All Ages Using Machine Learning Algorithms and Deep Learning Algorithms for Healthy Life.	202221044586	04.08.2022	Published 23.09.2022
58.	Dr. S. R. Preethi Mrs. K.Arthi	Dr. A.R. Revathi	Feeding Bottle With Temperature Display	358025-001	07.02.2022	Granted 18.04.2022
59.	Dr. Komala James Dr.G.Udhayakumar Dr.V. Suresh Kumar Dr. S.C. Prasanna	Dr.G.Udhayakumar Dr.V. Suresh Kumar Dr. S.C. Prasanna Dr. Komala James	IoT Based Fuel Level Measurement and Tracking Of Vehicle	202241006821	09.02.2022	Published 04.03.2022
60.	Dr. N. Usha Bhanu Mr. C.Saravanakumar	Dr.Pokkunuri Pardha Saradhi Dr.Raghava Yathiraju Sreedevi S Chitransh dixit Pankaj Sahu Rakesh Patel Dr. Binod kumar Choudhary	Machine Learning Based Diagnosis of Chronic Kidney Disease in Diabetes Patients	2021107110	25.08.2021	Granted 26.10.2021

		Dr. Anil Maheshwari Dr. Durgacharan Arun Bhagwat Dr. S. Pothalaiah				
61.	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	202141033794	27.07.2021	Published 06.08.2021
62.	Dr. N. Usha Bhanu Mr.C. Saravanakumar	Dr.S Sivasubramanian Dr.G.Manikandan Dr.G. Bhuvaneswari Dr. N. Kumaresan R.Venkatasubramanian Dr.I.Jerin Leno Mr.Saravanan A Mrs. Thirupurasundari D R Mrs.A Hemlathadhevi Mr. C Ramesh Kumar Bibhu Prasad Ganthia Dr. Glorindal Selvam	IOT Based Wearable Wireless Volume Control Device For Any Electronic Gadgets	202041049423	12.11.2020	Published 20.11.2020
63.	Dr.C.Amali	Prof N.Kanniyappan Prof .C.Anandhan Dr. P.G.V. Ramesh Prof.M.Vijay Prof. K.Priyadharshini Prof S.Bashyam Prof R. Senthil Kumar Dr.S.Kumarganesh Dr.K.Murugan Dr.T.Yuvaraja Prof K.Jayaram	IOT Based Smart Wearable Child And Womens Safety Device	202041049152	10.11.2020	Published 13.11.2020

		Prof. S. Sathish Kumar				
64.	Dr. S. R. Preethi Dr. M. Murugan	Dr. A.R.Revathi S. Shunmuga Raman Dr. Ponsy R K SathiaBhama	AI Based Control Adaptive Automation System	202041044014	09.10.2020	Published 16.10.2020
65.	Dr. S. Ramesh	C.T. Manimegalai R. Raju N. Vijayalakshmi Arulnanthisivam swaminathan Radhika.K.S.R Dhiravidachelvi.E	Design and Implementation of a Disaster Management System Using IoT and Cloud Computing Techniques For a Connected Buildings To Save Lives With Early Warnings	2020101867	18.08.2020	Granted 09.09.2020
66.	Dr.S.Ramesh	Dr.S.Anbu Karuppusamy Dr. P.Sivakumar Dr. M. Shoukath Al Dr. M. Senthil Kumar S.Murugaveni B.Priyalakshmi Dr.S.Anbu Karuppusamy Dr. P.Sivakumar Dr. M. Shoukath Ali Dr. M. Senthil Kumar S.Murugaveni B.Priyalakshmi	Wireless Mesh Networks Lifetime Maximization For Machine To Machine	201941052842	19.12.2019	Published 27.12.2019
67.	Dr.N.Usha Bhanu	Uday Shilton R. Tamil Selvan	Automated Attendance Management System	201841018255	16.05.2018	Published 01.03.2019
68.	Dr. Murugan Mahalingam	Hendre Vaibhav Shantharam Deshmukh Madhukar Mohan Rao	Method and System For Transmit Antenna Selection With Optimum Combining in Cognitive Radio Network Under the Impact Of Aggregate Interference	2036/MUM/201 5A	26.05.2015	Published 05.06.2015

Department: Electrical and Electronics Engineering

S.No	Name of the Applicant	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Published/Granted)
69.	Dr.S.Malathi	Dr.K.Elango Dr.S.Malathi Dr.T.Santhosh Kumar Dr.R.Arivalagan	Smart Emergency stretcher coupled BT-controlled cleaning robot	202241007320 A	11.02.2022	Published
70.	Dr.R.Arivalahan Ms.R.V.Preetha Mr.S.Balaji Mr.P.Tamilarasan	Dr.R.Arivalahan Ms.R.V.Preetha Mr.S.Balaji Mr.P.Tamilarasan	Blockchain Technology For Undisclosed Distant Messaging Using Wireless Sensor Networks And Internet Of Things	202341007713 A	7.02.2023	Published
71.	Mr. J.Liney Ajay	Mr. J.Liney Ajay	Structural co-ordination of object	201941011919	14.06.2019	Published
72.	Mr.G.Karthikeyan, Mr.A.Jaishankar, Dr.S.Malathi	Mr.G.Karthikeyan, Mr.A.Jaishankar, Dr.S.Malathi	Development Of Smart Metering For Socio-Economic Sustainability By Theft Detection	202341029466	24.04.2023	Published
73.	M.Lingeshwaran	M.Lingeshwaran	Smart Farm	202341028496	19.04.2023	Published
74.	Dr.R.Karthik Dr.S.Malathi Ms.R.Elavarasi Mr.K.Ragul Kumar	Dr.R.Karthik Dr.S.Malathi Ms.R.Elavarasi Mr.K.Ragul Kumar	Precision Animal Tracking Strap in Agriculture Using Near Field Communication	436901-001	09.11.2024	Granted
75.	SRM Valliammai Engineering College	Priyadharshini.J Vedhish.D Vignesh.E	Automatic power factor correction with iot based monitoring	202641029537	12.03.2026	Filed

		Ajay.H Dr. K. Elango				
76.	SRM Valliammai Engineering College	Reshman.M Sona.J Vijayalakshmi.S Karthikeyan.R Dr. R.Karthik	Deveolpment of a smart borewell child rescue system with integrated depth detection using arduino	202641026326	6.3.2026	Filed
77.	SRM Valliammai Engineering College	Akash.R Deiva Hariniranjan.K Omprakash.S Dr. R.Karthik Priya.K	AI based microgrid for reliable power supply in rural and disaster prone areas	202641027195	9.03.2026	Filed
78.	SRM Valliammai Engineering College	Madhumitha.T Tamilmaran.L Dheo Vimal Dr.G.Madhusudanan Dharshan.L Aadhan.T	Transient stability improvement of power system using adaptive current controller	202641025451	4.03.2026	Filed
79.	SRM Valliammai Engineering College	AravindraJ.G Serjith.B Vignesh.V Sivakumar.P Dr.G.Madhusudanan	AI based phantom load detector	202641035255	24.03.2026	Filed
80.	SRM Valliammai Engineering College	Aakash.S Kishore.V Praveenkumar.M Sibi.D	Autonomous offline geofence and protocol for directional ambulance routing using long range radio communication	202641024567	02.03.2026	Filed

		Dr.S.Malathi				
81.	SRM Valliammai Engineering College	Gokul Kannan.V Madhumitha.K Sreenivas.S Yashwanth Srihari.L Dr.S.Padhmanabha Iyappan	RI based mppt assisted solar pv energy framework for grid interactive smart ev charging	202641029571	12.03.2026	Filed
82.	SRM Valliammai Engineering College	Nethaji.P Sandragrace.V Subarna.S Siva.B Ms.S.Vanila	Off-grid predictive load aware control for ev charging stations	202641025460	04.03.2026	Filed
83.	SRM Valliammai Engineering College	Mithun.S Nandhitha.D Sibivishnu.G Suriya Prakash.R Mr. V. Sudhagar	Application of PV statcom in distribution systems	202641031974	17.03.2026	Filed
84.	SRM Valliammai Engineering College	Hemanth Kumar.B.V Jhanani.M Sachin.R Selvasuriya.M Mr. S. Balaji	Design implementation of a resonant inductive vehicle-to-vehicle wireless power transfer for on-road emergency energy support	202641026337	6.032026	Filed
85.	SRM Valliammai Engineering College	Jaya Keerthana.S Ranjith.M Vigneshwaran.B Tamilvanan.A	Design and implementation of smart energy and tariff based load management system	202641028038	10.03.2026	Filed

		Ms.P.Bency				
86.	SRM Valliammai Engineering College	Gokul Prasath.M Hemanth.S Jayapreetha.S Manoj Kanna.E Ms.R.V.Preetha	Performance enhancement of bldc motor speed control using fuzzy logic and hall sensor position feedback	202641026314	6.03.2026	Filed
87.	SRM Valliammai Engineering College	Anandhakumar.G Benedict Gabriel.S Hariraja.S Mr. K. Raghul Kumar	Automated life suits with navigators	202641029608	12.03.2026	Filed
88.	SRM Valliammai Engineering College	Nivethithadevi.B Tholkappiyan.S Balaji.P Nallamuthu.S Mr. S. Venkatesh	RFID-based smart cart for contactless billing and navigation	202641026329	6.03.2026	Filed
89.	SRM Valliammai Engineering College	Livedha.N Vignesh.G Devesh Kumar.A Mark Manish.V Mr.R.Elavarasi	Fully soft switching single-stage isolated three-phase ac to dc llc resonant converter for EV battery charges.	202641024973	3.03.2026	Filed
Department: Electronics and Instrumentation Engineering						
S.No	Name of the Applicant	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Published/Granted)

90.	SRM Valliammai Engineering College	Ms.M.Shanthi Abitha.V Arjunan Aarthi Harshini.B Hema Raja Inba Jothi.M	AI- Powered Crop Rotation Advisor	202641028676	11.03.2026	Filed
91.	SRM Valliammai Engineering College	Dr.R.Issan Raj Akilan.S Jaisaran.D Mohan Ram.A Mohandas.S	Wireless Enabled Intelligent Railway Gate Control and Safety Sytem	202641028717	11.03.2026	Filed
92.	SRM Valliammai Engineering College	Dr.V. Srinivasan Ananthavel.A Arikaran.S Balaji.J Prem.T	IoT based EV Battery Management System with Charge Monitor and Fire Protection using Blynk Applications	202641028675	11.03.2026	Filed
93.	SRM Valliammai Engineering College	Mr.B.Parameswaran P.R.Arhun Karthik Nithish.S Sanjana.V Sudharsan.M	Automated Hydroponic system with Adaptive Control Using Deep Learning	202641028682	11.03.2026	Filed
94.	SRM Valliammai Engineering College	Dr.R.Arivalahan Atchaya.S.E Priyadharshan.K Sreenithi.A Tharani.S	Wireless Power Transmission for EV using Inductive Coupling	202641028685	11.03.2026	Filed
95.	SRM Valliammai Engineering College	Mr.P.Tamilmani Bavadharshini.B Rajeshwari.M Santhiya.M	Smart Hybrid Renewable Power Generation and Monitoring System	202641028705	11.03.2026	Filed
96.	SRM Valliammai Engineering College	Dr.K.Ayyar Dharshini.R Monikha.K	Real-time Vital Signs Measurement and Monitoring System	202641028687	11.03.2026	Filed

		Swathi.K Uthra.A				
97.	SRM Valliammai Engineering College	Dr.S.Visalakshi Divakaran.R Elansuriyan.S Hamdhan Faris.H	Human Life Detection System for Landslide Rescue	202641030228	13.03.2026	Filed
98.	SRM Valliammai Engineering College	Dr.M.Banusundareswari Gokula Priyan.A Kowsigan.A Thilagar.S Kavaskar.M	Smart Morphing Paddle: Shape Memory Alloy Actuation for Dynamic Stiffness Control	496343-001	27/03/2026	Filed
99.	SRM Valliammai Engineering College	Ms.K.S.Jaibhavani Haritharan.S Jeevanandam.M Sonika.V Kowshik.C	Smart IoT-Based Harbor Water Pollution Monitoring System	202641028680	11.03.2026	Filed
100.	SRM Valliammai Engineering College	Dr.R.Arivalahan Jeevadharsen.S Prabakaran.R Rahul.S Rohith.N	Voice Controlled Wheelchair for Physically Disabled Person	202641028720	11.03.2026	Filed
101.	SRM Valliammai Engineering College	Dr.K.Ayyar Kavinkumar.E Lakshitha.G Madhu Pritha.V Soundarya.G	IoT Enabled Women's Safety system for Detection and Notification of Hidden Surveillance	202641028686	11.03.2026	Filed
102.	SRM Valliammai Engineering College	Dr.M.Joe Marshall M.Krishna Richardson Immanuel.J Uppalapati Srilekha Moulee.P.T	Reclaim Flow: Smart Grey water Recycling System for Sustainable Homes using IoT	202641028668	11.03.2026	Filed

103.	SRM Valliammai Engineering College	Mr.C.Praveen Kumar Padmashri.N Pulla Ganesh Srimathi.A Vennila.S	Walk to Watt: Energy Harvesting Smart Park using Piezoelectric Technology	202641025723	05.03.2026	Filed
104.	SRM Valliammai Engineering College	Dr.N.Sowrirajan Dr.R.Arivalahan Ms.M.Shanthi	Temperature measurement and control through Internet of Things (IoT) concept	468815-001	07/06/2025	Published
105.	SRM Valliammai Engineering College	P Tamilmani Dr.V.Srinivasan S.Dhanush kumar A Manikandan G Sabari	IoT driven Microseismic sensing system and monitoring platform for landslide detection	202541036705	16.04.2025	Published (02.05.2025)
106.	SRM Valliammai Engineering College	Dr.K.Ayyar Harini preetha K Preetha sree K Priyadarshini S Subashini R	Surveillance wearable safety device for woman using Raspberry Pi	202541021225	10.03.2025	Published (21.03.2025)
107.	SRM Valliammai Engineering College	Dr.M.Banu sundareswari Rohan Beno R.Srinivasan AT Sriram Thamizhkumaran M	Shape memory alloy based glove for hand Rehabilitation	202541023773	18.03.2025	Published (28.03.2025)
108.	SRM Valliammai Engineering College	Dr.M.Joe Marshall R.Lalesiekamani S.Priyanka V.Veena shri Yuvarani P	Smart waste management	202541021639	11.03.2025	Published (21.03.2025)
109.	SRM Valliammai Engineering College	K Jaibhavani Parameswaran B Abiramana VS	Sustainable smart system for Hydroponic farming	202541021643	11.03.2025	Published (21.03.2025)

		Elakiya M Yuvasree N Tariq A				
110.	SRM Valliammai Engineering College	Dr.S.Visalakshi C.Praveen kumar R Amrutha Vahini A Kathir J Mokesh S Surya Prakash	Smart shopping Trolley with Billing system	202541033857	07.04.2025	Published (25.04.2025)
111.	B.PARAMESWARA N	R. Sabarinathan, D. Pavithra & M.A. Saravanan	IoT Based Food and Grain Condition Traceability System	202341079917	24/11/2023	Published
112.	K.S.JAIBHAVANI	Dr S. Visalakshi	Piezoelectric Vibration Energy Harvesting Device	374747001	28/11/2022	Granted
113.	Dr. K. AYYAR	Dr.L.Selvam, G.Gokilakrishnan, Dr. Rahul Ratnakar Mahamuni, Dr.YuvarajDuraismy, R.Tamilarasi,Ashirbad Sahoo, Sanjay Singh Thakur,Dharmbir Singh, SajithKumar.R, Dr.SonuMishra,Dr. Virendra Gomase	Smart and safe gas flow pipeline based on IOT for cooking appliances	202241007263	11/02/2022	Published
114.	Dr. S. VISALAKSHI	Dr. R. Umamaheswari	Monolithically integrated thin-film solar cell charger for electronic gadgets	2020101896	19/08/2020	Granted
115.	Dr. S. VISALAKSHI	Mr. BalaVignesh.M Mr. Chockalingam.G Mr. Jayasuriya.V Mr. Karthikeyan.S	Smart helmet with augmented reality for energy industries	202041006868	18/02/2020	Published

116.	Dr. R. Umamaheswari	Mr. Chandru.P.S Mr. Karkilan.R Mr. Loga Prakash.C Mr. Mohan Kumar.V	Novel method of aqua condensation using renewable energy	202041006863	18/02/2020	Published
117.	Dr. R. Umamaheswari	Ms. Hemamalini.V.P Ms. JerushaA.Devadason Ms. Karpagameenakshi.G Ms. Muthumonisha.D	Self sanitizing robot in toilet cleaning system	201841032459	30/08/2018	Published
118.	Dr. S. VISALAKSHI	Mr. Divya Bharathi.C Mr. Karthik Raja.N Mr. Mohan Babu.G	Balanced vessel motion of marine vehicles using stewart	201841011610	06/04/2018	Published
119.	Dr. R. Umamaheswari	Mr. Karthikeyan, A Ms. Baghya.V Mr. M.Dinesh	Integrated portable solar charging and energy storage device	201841006570	21/02/2018	Published
120.	Dr. S. VISALAKSHI	Ms. Sophy Rhoda.V Ms. Sundareswaran.S Ms. Suwetha.P Ms. Manjari.N	Internet of things based hybrid agricultural cultivator	201741027795	04/08/2017	Published

Department: Information Technology

S.No	Name of the Applicant	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Published/Granted)
121.	Dr.A.R.Revathi	Ms.S.Srinidhi	Locomotive Detection of Idols	201841016921A	04.05.2018	Granted
122.	Dr.S.Ravikumar	Dr.S.Kavitha Ms.B.Indhuja Ms.L.Gayathri Ms.K.Dhanalakshmi	Smart Agricultural Assistant for Animal Monitoring	201941000621A	07.01.2019	Published
123.	Dr.S.Narayanan	-	Ground Water Monitoring and Water Level Management System Using IoT	201941039312	28.09.2019	Published

124.	Dr.S.Ravikumar	Dr.S.Kavitha Mr.C.Sathiyavel Dr.C.Rajesh kumar Ms.C.Ancy Dr.P.Duraipandi Dr.A.Pandian Dr.P.Srinivasa Varma Dr.Vijay Dr.R.Thandaiahprabhu Mr.V.Yokesh Ms.Benisha.M Dr.M.Bavanilatha Ms.G.Renuka Devi	Wristwatch Based Health Monitoring System	202041012393A	22.03.2020	Published
125.	Dr.A.R.Revathi	Mr.S.Shunmuga Raman	AI Based Control Adaptive Automation System	202041044014A	09.10.2020	Published
126.	Dr.D.Sridevi	Mr.Ashok Ms.Umadevi Mr.K.Guru Ms.V.Selvalakshmi Mr.J.Anand Mr.S.Raja	Block Chain Based Rice ATM	2020102839	18.10.2020	Granted
127.	Dr.S.Ravikumar	Mr.C.Sathiyavel Ms.G.Renuka Devi Mr.H.R.Divakar Ms.V.LMalini Ms.J.Nirmaladevi Mr.Mohammed Ali Mr.U.Nagappa Bhajantri Mr.M.H.SIDRAM Ms.R.Karthika Devi	IOT based Virtual Students Monitoring System by Using TF Plus Mini Lidar Sensor	2021100210	13.01.2021	Granted

128.	Dr.S.Narayanan	Ms.V.Geetha Dr.Vinodkumar Jacob Dr.Manojkumar Gupta Dr.Takesh kumar Arora Mr.T.N Shanavas Ms.R.S.Kavitha	Dynamic Real Time Protocol for Media Streaming in IoT Devices	202141029586	01.07.2021	Published
129.	Dr.S.Jeyalakshmi	Dr.S.Narayanan Dr.S.Sekar Mr.S.Sankara narayanan	Multi-Sensory Input Data Exchange By Virtual Reality Over 5G	202141030897A	09.07.2021	Published
130.	Dr.A.R.Revathi	Dr.D.Sridevi Ms.Srividhya E Dr. Kishore Verma S Ms.Sonya A Mr.Gokulakrishnan Mr.S Muruganatnam A Mr.Abrar Ahmed K Ms.Jayanthi S Ms.Ranjana S Ms.Mythreyi N R Dr. Manikandan J	A System of Computer Vision and Machine learning for optical character Recognition'	202141031333A	13.07.2021	Published
131.	Mrs.S.Shenbagavadivu	Dr.B.Chidhambararajan Dr.M.Senthil kumar	A System and Method for Providing an AI & ML Based Smart Interface expansion Card Device	202141053090 A	18.11.2021	Published
132.	Dr.A.R.Revathi	Dr.B.Chidhambararajan Dr.S.R.Preethi Ms.K.Arthi Dr.S.Sridevi	Feeding Bottle with Temperature Display	358025-001	07.02.2022	Granted
133.	Mrs.S.Shenbagavadivu	Dr.B.Chidhambararajan Dr.M.Senthil kumar	A Trendy Digitalizer-Runs on Docker for digitalization of Tamil Content	202241007891	15.02.2022	Granted
134.	Dr. S. Ravikumar	Dr.Chockalingam Devanathan	Unmanned Intelligent Patrol Electric Vehicle with IOT Integrated Platform	202022101428	17.03.2022	Granted

		Dr.Subramanian Boopathi				
135.	Ms. C. Jeeva	D.Aishwarya, B.Gracelin Sheena, J.Briskal, D.Senthil Kumar, M.Vijayakumar, R.Asha, Abitha V K Lija, G.Kavitha, P.S.Anu Rakhi	A secure block-chain based medical Internet of Things healthcare management system	202241064064	25.11.2022	Published
136.	Dr.D.Sridevi	Dr,N.Kavitha, Dr.P.Muthu Krishnammal, Mrs.M.Shanmathi.	Electronic glove for women safety	385772-001	08.05.2023	Published
137.	Dr.S.Sekar	Mr.Vivekanandan Govindarajan,Ms.Nithya Devi S M, Mr.Rathnavel, Mrs.R.Lakshmi, Mrs.P.NithyaMr.R.Sankar anarayanan.	AI and IOT based predictive maintenance mentally challenged people to ensure sensors	202341061394	12.09.2023	Published
138.	Dr.D.Sridevi	B.Divya K.Vijayalakshmi S.Revathi Dr.R.Thenmozhi T.Suganya Dr.G.Shanmugaraj L.Kannagi	Back Recovery Protocolbased Multi-Agent Planning for the Fault Tolerance of Composite Cloud	202341068987	13.10.2023	Published
139.	Mrs.S.Shenbagavadivu	Dr.S.K.Susee Dr.M.Senthil Kumar Dr.B.Chidhambararajan	System and Method for Optimized Crop Recommendation and Soil Texture Classification	202441067646	06.09.2024	Published
140.	Dr.S.Narayanan	Dr.D.Sridevi Dr.T.Isaiyarasi Dr.V.Vijayalakshmi Dr.S.Bhooma	IoT-Based Smart City Traffic Control System	426275-001	09.08.2024	Granted

		A.Karpagam				
141.	Ms.S.Shenbagavadivu	Dr.S.K. Susee Dr.M.Senthil kumar Dr.B.Chidhambararajan S.Sankar Kailas	System and Method for Optimized Crop Recommendation and Soil Texture Classification	202441067646 A	13.09.2024	Published
142.	Dr.S.Sekar	Dr.Santhana Marichamy V Dr.S.Sekar Dr.S.Jeyalakshmi Mrs. P. Nithya Dr. Sujit Nishikant Deshpande Mrs. R. Lakshmi Satish Kumar Thakur Manisha Chawla Dinesh.J Dr. Shivi Sharma Dr.D.D.Sharma Ms.J.B. Abisha Jey	AI-Powered Predictive Analytics System for Early Detection of Cardiovascular Diseases	202441091796 A	29.11.2024	Published
143.	Dr. K. Revathi	Dr. B. Vanathi Dr. C. Pabitha Mrs. S. Suma Dr. K. Revathi Srm Valliammai Engineering College.	Solar Powered Smart Hat for Physically Challenged	441907-001	24.12.2024	Granted

144.	Ms.S.Kiruthika	Monica Sunil Shahane Ms.S.Kiruthika Dr.S.Sandhya Ms.U.Chinidyababy Dr.Sujit Nishikant Deshpande Ms.J.Abinaya Ms.S.Jonisha Ms.G.Santhiya Dr.D.Sridevi	High-Precision 3D Printing System with Embedded Sensor Integration	202521027078	04.04.2025	Published
145.	Dr.S.Sandhya	Dr.S.Sandhya Ms.S.Kiruthika Dr.Jitender Thakur Karthiga.R Dr.Vikrant Bhardwaj Komali Lenka Dr. Reenu Ms.S.M. Nithya Devi D.Padmapriya Doraboyina Prabhu Kumar Dr. Hina Hashmi Nalini Santhosh Jagtap	Advanced Biomechanical Exoskeleton for Sports and Industrial Rehabilitation Applications	202541054833	06.06.2025	Published
146.	Dr.S.Sandhya	Dr. Sameena Quraishi Dr.S.Sandhya Ms.S.Kiruthika Dr. Silki Dr.Madhuri Praviin Borawake S.Varshadevi	Mice Behavior Monitoring Device	467134-001	24.07.2025	Granted

		Dr.Suresh Ramayanam				
147.	Ms.D.Nisha	Mr. Miriyala Markandeyulu Mrs.R.Asha Dr.V.P.Kolanchinathan Dr.M.Laavanya Mr.Enoch Scuccess Boakai Mrs. Sayema Asfahan Khusro Dr.K. Mohana Lakshmi Dr.Sudeep Saraswat Dr. Pradeep Pokhriyal Mrs. D. Nisha	Artificial Intelligence-Based Multi-Resolution Image Fusion System and Method for Enhanced Surveillance Applications	202541068179 A	17.07.2025	Published
148.	Dr.S.Sekar	Ms.R Kanchana, Mr.B.Ramasubramanian Mr.Ayyappa Srinivasan Dr.S.Kaliappan P.Jeyakani Mr.C.Viswanadh Dhainje Prakask Bhagwan Dr.Indraneel	Cyblot-Secure Real Time Threat Monitoring and Intelligence for Next Gen IoT Security System	202541101743	22.10.2025	Published

Department: Mechanical Engineering

S.No	Name of the Applicant	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Published/Granted)
149.	Dr.K.Sivakumar	Dr.T.Sampathkumar	Automatic removal of suspended sediments in	201941017451	02/05/2019	Granted Application,

			drainage pipeline			Patent Number :509028
150.	Dr.K.Sivakumar	1. Mr.C.Elanchezian 2. Mr.Raghuram Pradhan 3. Mr.K.Venkatraman 4. Mr.V.M.Manickavasagam 5. Mr.D.Muruganandam 6. Mrs.J.Jayapriya 7. Mr.C.G.Mohan 8. Mr.V.Raviraj 9. Mr.S.Karthick	Reinforced Particulate Aluminium metal matrix composite and process for making the same	201941052771 A	19/12/2019	Published on 03/01/2020
151.	Dr.K.Sivakumar	1. Mr.A. Dhanalakshmi 2. Mr.S. Kathiresan 3. Mr.Raghuram Pradhan 4. Mr.L. Saravana Kumar 5. Mr.S. Manikandan 6. Mr.K. Arunan 7. Mr.G. Thilagavathi 8. Mr.S. Mohan 9. Mr.S. Krishnaraj	Waste heat into electricity	201941052773 A	19/12/2019	Published on 03/01/2020
152.	Dr.S.Thirugnanam	1. Mr.K.Velmurugan 2. Mr.C.Jayabalan 3.Mr.T. Dharmaprabhakaran 4. Mr.K.Vetri Velmurugan 5. Mrs.B.Karthikeyan 6. Mrs.Balakrishnan	Composite LPG cylinder using GFRP with Al Alloy matrix	202141025442 A	08/06/2021	Published on 25/06/2021
153.	Dr.S.Thirugnanam	Dr.S.Thirugnanam	Analysis of the influence of reinforcements on machining characteristics of Al8011	202241007885	15/02/2022	Published on 25/02/2022

154.	Mr.G.Rajesh	Mrs.G.Rajesh	Design and Development of Regenerative Electrical Bicycle using weightlifting Electro Magnetic Coil Braking system	202241051491	09/09/2022	Published on 16/09/2022
155.	Mr.J.P.Ramesh	1. Mrs.G.Sivaraj 2. Mrs.J.P. Ramesh 3. Mrs.M.S. Parath	Dust removing system of car	374281-001	17/11/2022	Published
156.	Dr.S.Suresh Pungaiiah	1. Mr.V.Narasiman 2. Dr.S.Suresh Pungaiiah 3. Mrs.Mahalakshmi 4.Mr. Arun chandran 5. Mr.Chirag Mehra 6. Mr.S.Kannan	Experimental Investigation of DI Diesel Engine Performance with Oxygenated Additive and Some Biodiesel	202211069770	02/12/2022	Published on 09/12/2022
157.	Mrs.N.Nithya	Mrs.N.Nithya	Design and development of MR damper for machining Al based metal matrix composites.	202241070750	8/12/2022	Published on 30/12/2022
158.	Mr.R.Ashok	Mr.R.Ashok	Design and development of Wheel based pipe inspection robot	202341023058	29/03/2023	Published on 21/04/2023
159.	Mr.S.Sivasankar	Mr.S.Sivasankar	Clockwise double twisting copper sharp edge square prism rib with inline multiple elliptical holes	202341024581	31/03/2023	Published on 21/04/2023
160.	Mr.R.Ashok	Mr.R.Ashok	Improved cooling and aerodynamics for electric vehicles	202341035379	22/05/2023	Published
161.	Dr.S. Thirugnanam	Dr.S. Thirugnanam Gokul Dass R Jagadeshwaran J Jayakanth D	Design And Fabrication of Smart Garbage Bin Using Arduino	202441090885	22/11/2024	Published

		Liston Jebakumar G				
162.	Mr.S.Rajesh	Mr.V.Gugan Mr.K.Maneshnidhi Mr.K.T.Manikandan Mr.A.Mohamed Rifadh	Design and fabrication of electric bike with gear assisted manual pedal system	202541012595	14.02.2025	Published
163.	S.Sivalingam	Mr.Saran R Mr.Sivashanmugam G Mr.Subash GS Mr.Aravinda samy	Experimental investigation of hybrid composites laced with Leather waste, beach sand and used tea powder	202541006744	28.01.2025	Published
164.	Mr.K.Venkatesan	Mr.S.Sivalingam Mr.Muthukrishnan Mr.Sivashanmuga Mr.Sunil kumar Mr.Dhanushkumar	Design and fabrication of ceiling fan cleaner with dust collector	202541012511	Feb 14, 2025	Published
165.	Dr.S.Suresh Punaiah	Mr.Durairaj Mr.Srinivasan	Fabrication of Loto gadget for Distribution of Low Tension 11kV/440 V Transformer	202541014508	20.02.2025	Published
166.	SRM Valliammai Engg college	Dr.R.Srinivasan Mr.Viswanath Mr.Yugendar G Mr.Tawfiq ahmed N	Experimental investigation of wear characteristics of Aluminium-Tungsten carbide metal matrix composites brake pads for automobile applications	202541022576	13.03.2025	Published
167.	SRM Valliammai Engg college	P.Vijayan Sujith Kumar Vigneswaran K Vivek Goveas Santhip S	Comparative analysis of mechanical properties in natural fiber and hybrid fiber composites	202541022962	14.03.2025	Published
168.	SRM Valliammai Engg college	G.Ananth P Sudharsenvel S Tharun A Kesavanath	Investigation of mechanical properties on Al-SiC metal matrix composites	202541022138	12.03.2025	Published

		Raghul U				
169.	SRM Valliammai Engg college	R Ashok Abishek M Akilan S Aravindha Krishnan S Arun desnick C	Design and analysis of 3D printed drone propeller blades	202541023775	18.03.2025	Published
170.	SRM Valliammai Engg college	Dr.S.Suresh Pungaiah S.Gowtham A Mohanasubramanian	Emergency mitigation system for ambulance with the Integration of GM applications	202541025733	21.03.2025	Published
171.	SRM Valliammai Engg college	JP Ramesh G Hariharasudhan K Jana M Muthusan A Sabir Hussain	Investigation of passive cooling for EV battery packs using natural convection	202541026927	24.03.2025	Published
172.	SRM Valliammai Engg college	Dr.S.Suresh Pungaiah MR Arunjunai seshan S Balasubramanian M Gauthaman	IoT Integrated Solar panel cleaning system for maximizing efficiency	202541025759	21.03.2025	Published
173.	SRM Valliammai Engg college	M Vadivel Deepak V Denesh SR Dharunesh M Harish KS	Development and characterization of Aluminium metal matrix hybrid composite	202541033795	07.04.2025	Published
174.	SRM Valliammai Engg college	KP Manikandan Bharathkumar M Danushkumar B Gajaraj GR	Synthesis of phase change material for Electric vehicle battery management system	202541032215	01.04.2025	Published
175.	SRM Valliammai Engg college	Dr K Venkatesan M Krishnamoorthy Kommina Daniel Joseph	Effect of water absorption on scratch resistance properties of abaca and sisal natural	202541032890	03.04.2025	Published

		Kaviyarasu Javeesh Aruraam	fiber reinforced polymer composites			
176.	SRM Valliammai Engg college	P Ramu Delith Akash Uma Dheeraj Dravid Prabhakaran	Development of PLA composite and its chartacterization	202541034725	09.04.2025	Published
177.	SRM Valliammai Engineering College	Dr R Srinivasan S Durairaj	Smart IoT enabled manhole cover to prevent engulfment hazards in underground tank	202541038842	23.04.2025	Published
178.	SRM Valliammai Engineering College	Mr Sivalingam Saran R Sivashanmugam G Subash G Aravindhasamy	Experimental and mechanical characterization of hybrid synthetic and natural fiber composite for guard rail	202541049596	23.05.2025	Published
179.	SRM Valliammai Engineering College	Dr.S.Thiirugnanam Giri.S, Jaisai.R, Jeyaramachandran.M, Ragul.C	Conversion of IC engine GO Kart into E GO Kart	202641044841	08-04-2026	Filed
180.	SRM Valliammai Engineering College	Dr. S. Suresh Pungaiah Mr. K. Karthick Mr. G. Rishidar Mr. U. Rupan Mr. S. Sanjay Kumar Mr. S. Srinivasan	Experimental Investigation of Smart Nanofluid Cooling System For 5G Chips: AI- Driven Design and IOT	202641042460	02-04-2026	Filed
181.	SRM Valliammai Engineering College	Mr.G. Ananth S. Aakash, S. Akash, R. Athithya, K. Lokesh.	Design Of Steam Power Plant Prototype	202641043704	06-04-2026	Filed

182.	SRM Valliammai Engineering College	Dr. R.Srinivasan Mr.Viswanth.K.S Mr.Yugendar.G Mr.Tawfiq Ahmed.N Mr.Udyar Hariharan.R	Investigation of Effect of Stacking Sequence on Vibration of Synthetic-Natural Fiber Nano Filler Hybrid Composite	202641044793	08/04/2026	Filed
183.	SRM Valliammai Engineering College	Mr.R.ASHOK Srivishnu G Antany Jose A Hariharan R Manoj Kumar S	Design And Optimization of FDM Parameters in Additive Manufacturing	202641042325	02/04/2026	Filed
184.	SRM Valliammai Engineering College	Mr.J.P.Ramesh A.Abhishna R.Vijay Venkatesh J.Sam rose S.Sudhahar	Automated Battery Thermal Management System	202641044889	08/04/2026	Filed
185.	SRM Valliammai Engineering College	K.P.Manikandan R Harish S Megadeshwaran	Analysis of Mechanical Properties and Spark Erosion Performance in Aluminium 5083 and Cast Iron Composites for Precision Machining.	202641044886	08/04/2026	Filed
186.	SRM Valliammai Engineering College	G.Rajesh M.Bharath P.V.Giridharan N.Gopikrishnana Janarthanan.I	Design And Development of a Modular Multisensor Inspection Head with Smart Switching for Pipeline Non-Destructive Testing.	202641042319	02/04/2026	Filed
187.	SRM Valliammai Engineering College	Mr P.Vijayan K Kishore R Manikandan S Rogith V.Narendiran	Design and fabrication of solar grass cutting machine with remote control	202641042465	02/04/2026	Filed

188.	Dr.S.SIVASANKAR	Dr.S.Sivasankar Mr.R.Udhayajeevan Mr.P.Akash Mr.R.Vinodh	Heat transfer analysis in copper clockwise double twisted duct	202641043699	06/04/2026	Filed
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Department: Civil Engineering

S.No	Name of the Applicant	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Published/Granted)
189.	Dr. A. Leema Rose Dr. D. Elango Dr. S. Sureshbabu Mr. J. Arunraj Christadoss Dr. S. Joe Patrick Gnanaraj	Dr. A. Leema Rose Dr. D. Elango Dr. S. Sureshbabu Mr. J. Arunraj Christadoss Dr. S. Joe Patrick Gnanaraj	Solar-Powered Concrete Mixer Device	406422-001	02.02.2024	Granted
190.	D.S. Vijayan S.P. Sangeetha J. Revathy Dr. A. Leema Rose S. Arvindan P. Gajalakshmi	D.S. Vijayan S.P. Sangeetha J. Revathy Dr. A. Leema Rose S. Arvindan P. Gajalakshmi	Manufacture of Green Concrete by Partial Replacement of Ferrock Powder as an Alternative to Conventional Cement	2020104412	31.03.2021	Granted
191.	SRM Valliammai Engineering College	Dr.D.Elango Dr.Leema Rose Dr. S. Sureshbabu Mr.Arunraj Christadoss	New long-life Technology of building construction	202241050429	03.09.2022	Published
192.	Dr. A. Leema Rose, Sattainathan Sharma. A, Dr. S. Suresh babu,	Dr. A. Leema Rose, Sattainathan Sharma. A, Dr. S. Suresh babu,		438255-001	23.11.2024	Published

	Dr. D. Elango, Mr. N. Vinoth kumar, Ms. K. Suganya Devi	Dr. D. Elango, Mr. N. Vinoth kumar, Ms. K. Suganya Devi	Smart Grouting Injection Device with Flow Control System			
193.	SRM Valliammai Engineering College	A Sattainathan sharma Dr A Leema rose Dr D Elango P Dharmakani S Prasanna P Santhoshraja KK Virginia	Upcycled PET plastic: Turning waste into wealth for sustainable concrete solutions	202541025751	21.03.2025	Published
194.	Dr. A. Leema Rose	Dr. A. Leema Rose	Utility Mapping and Asset Management: A Civil Engineering Study in Indian Cities	202541028859 A	5.04.2025	Published
195.	SRM Valliammai Engineering College	Dr.D.Elango P.Dhivya R. Abinaya V.Sneha S.Sundara Vadivel M.Surenthar	An Integrated Approach to Two-Stage Composting of the Organic Fraction of Municipal Solid Waste	202541024436 A	28.03.2025	Published
196.	Dr. P. Neelamegam	Dr. P. Neelamegam	Handy Concrete Thermal Conductivity Meter	451978-001	19.03.2025	Granted

Department: Medical Electronics

S.No	Name of the Applicant	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Publishe d/Granted)
197.	Dr. N.Subhashini	Subhashini Neelamegam, Dr.M.Murugan, Dr.Usha Bhanu, Dr.C.Amali	Radio Frequency Energy Scavenging system for sustainable power to health care devices	202241000000	16.02.2022	Granted
198.	Dr. N. Usha Bhanu	1.Dr.R. Gomalavalli 2. Dr. N. Usha Bhanu 3. Dr.Sourirajan muttan	Biosensor based device for deduction of cancer cells	454535-001	07.04.2025	Granted

		4.Dr.Vadivukarassi 5.Dr.Peram Madhu Mohan Reddy 6.Mrs.K.Neela				
199.	Dr. D. Ravikumar	Dr D Ravikumar, Dr G Revathy, Dr M Martinaa, Dr M Shymalagowri	Multi-Input Live Sound Card and Audio Interface for Voice-Over”.	449945-001	01.03.2025	Granted
200.	Dr. D. Ravikumar	Dr D Ravikumar, Dr P Vanmathi, Venmathi V, Dr Madona B Sahaai, Dr V Devi	AI-Powered Personal Health Tracker Mirror	482020-001	28.11.2025	Granted
201.	Dr.K.Jamuna Devi	Dr.K.Jamuna Devi ,Diana Amutha Priya, Bathala Ravi Babu, G.Raghul, Dr,Gomalavalli, Sandhya V.P, M.Ganga, Dr,Peram Madhu Mohan Reddy, M.Anitha Satheeswaran .C	A Multi functional wearable device for Bedridden patients: Smart Mask and Therapeutic Headband for Monitoring and Hygiene	467404-001	26.07.2025	Published

Department: Artificial Intelligence and Data Science

S.No	Name of the Applicant	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Published/Granted)
202.	Muthusenthil Balasubramanian	Chellavelu Vijayakumaran	All in one Portable Smart Pill Box - A Design Of Smart Pill Kit	518268	31.07.2018	GRANTED 01/03/2024
203.	Dr. S.Ravikumar	Dr. Usha Batra Dr. Jaskiran Kaur	IoT based Baby Cradle	367142-001	03-07-2022	Granted

		Dr. Ravi Pratap Singh Ms. G.Kanthimathi Ms. Lakshmi Thangavelu Dr. Monica Apte Dr. Tapan Kumar Sahu Soubhik Bagchi Dr. S V G V A Prasad Dr. Lakshmi D				
204.	Dr. S.Ravikumar	Dr. Usha Batra Dr. Jaskiran Kaur Dr. Ravi Pratap Singh Ms. G.Kanthimathi Ms. Lakshmi Thangavelu	Infant Warmer	367143-001	03-07-2022	Granted
205.	Dr. S.Jeyalakshmi	Dr. S. Narayanan Dr. S. Sekar Mr. R. Sankaranarayanan	Multi Sensory Input Data Exchange by Virtual Reality Over 5G	202141030897A	09-07-2021	PUBLISHED
206.	Dr.S.Jeyalakshmi	Vivekanandan Govindarajan, Nithya Devi S M, Rathnavel, Dr. S. Sekar Mrs.R.Lakshmi, Mrs.P.Nithya, R. Sankaranarayanan	AI and IoT Based Predictive Maintenance System to Identify Human Activity of Mentally Challenged People to Ensure the Security and Stages of Activity using Sensors	202341061394	12.09.2023	Published 06.10.2023
207.	SRM Valliammai Engineering College	Dr.B.Muthusenthil M. Logeshwaran S.Lokeshwaran J.Muthamizhselvan	Smart Phone Based Autonomous Vision Enabled Waste Segregator.	202341028499	19/04/2023	Granted 22/08/2025
208.	R. Thenmozhi	R. Thenmozhi B. Yogeshkumar M. Abinaya	IoT Based Robot for Medical Supply	476569-001	11/10/2025	Published 16/01/2026

		R. Vaishnavi Dr. K. Pavendhan Somanath Kisan Chikane R. Manjupriya Kp.Shalini				
209.	Padmapriya R	Padmapriya R R. Danu Vibin Ponraj V Rithick R Nishanth M Monisha R R. Vaishnavi G. Illakiya Mr. R. Rajini Ganth Dr. Sasikala. P Raja S	Digital Interview And Evaluation Platform For Significant Roles	202641034571	22/03/2026	Published 03.04.2026
210.	Rajarajeswari S	Rajarajeswari S M. Abinaya Thirilose Jones Nithish R Rishi S Ramya S Yasvanth Kumar S Ragul T Sasikumar M Sahana Shree H Raswin R Raja S	An Intelligent System and Method for Document Translation and Summarization Using Generative Artificial Intelligence	202641034572	22/03/2026	Published 03.04.2026
Department: Cyber Security						
S.No	Name of the	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Publishe

	Applicant					d/Granted)
211.	Dr.M.Senthil Kumar	Dr.B.Chidhambararajan Mrs.S.Shenbagavadivu	A Trendy Digitalizer –Runs on Docker for digitalization of tamil content	202241007891	15.02.2022	Granted
212.	Dr.M.Senthil Kumar	Dr.B.ChidhambararajanMr s.S.Shenbagavadivu	A system and method for providing an ai & ml based smart interface expansion card device	202141053090 A	03.12.2021	Published
213.	R. Sivasankari	1)Jishnu Prasad 2)Samadhan Somnath Zalte 3)Meena Sachdeva 4)Ramesh Pandharinath Daund 5)Dr. Mandeep Kaur Purba 6)Dr Abhishek Kajal 7)Neerav Nishant 8)Trivedi Uday Nandlal 9)Dr. Vijay Kumar Salvia 10)Mrs.Radha Pranav Sali 11)Dr. Hemlata	Social Internet of Things Based technique to Monitor the Ethical Hacking and Cyber Security Aspects	202341014628	04/03/2023	Published
214.	S. Tamil selvi	Dr.M. Senthilkumar Dr.P.Visalakshi Dr.B.Chidambararajan	Options Attack Detection and Classification In WSN Using BSEM Algorithm	202341036853	29/05/2023	Published
215.	R. Sivasankari	S.Giridharan E.Rajkumar	An IOT Based Intelligent Footwear for the Visually Impaired People	2023341042916	27/06/2023	Published
216.	S.Senbagavadivu	Dr.S.K.Susee Dr.M.Senthil Kumar Dr.B.Chidambararajan S.Sankar Kailas	System and Method for Optimized Crop Recommendation and Soil Texture Classification	202441067646 A	13/09/2024	Granted
Department: Agricultural Engineering						

S.No	Name of the Applicant	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Published/Granted)
217.	SRM Valliammai Engineering College	Ms.P. Dhivya Dr.D.Elango Abinaya. R Sneha. V Sundarvadivel. S Surenthar. M	An integrated approach to two-stage composting of the organic fraction of municipal solid waste	202541024436	19.03.2025	Published
218.	SRM Valliammai Engineering College	Ms. P. Dhivya Gokulapriya P. Jayasri S. Prasanth P. Varsha T.	Experimental analysis on automatic irrigation system using GSM module	202541020612A	07.03.2025	Published
219.	SRM Valliammai Engineering College	Mr. R. Dinesh Gopikrishnan V. Harish R. Kuralarasan S. Madhumitha S	Design and Fabrication of Smart Apiculture System	202541025735	21.03.2025	Published
220.	SRM Valliammai Engineering College	Dr. N. Vairam Mino Arul Selvan L. Priyanka V. Ramya M. Subhiksha K.	Fabrication of GSM based Smart Sustainable Storage System for Tomato	202541019546	05.03.2025	Published
221.	SRM Valliammai Engineering College	Mr.K. Karthick Dr.S.Packialakshmi Nidhisha. V. K Pon. Kiranbabu Suguna. S Vishva. A	Design and Fabrication of Water Hyacinth Eradicator	202541015835	24.02.2025	Published

222.	SRM Valliammai Engineering College	Mr.K. Karthick Dr.S.Packialakshmi Guru Prasanna.S Priyadharshini.S Sivakami.R Harishraj.S	Design of Fruit Harvesting Robot	202541019513	05.03.2025	Published
223.	SRM Valliammai Engineering College	Mr.R. Karthick Kathir. B Raveena. V Thamizhkumaran. N	Design of Spirulina Smart Farming System	202541025742	21.03.2025	Published
224.	SRM Valliammai Engineering College	Dr.E. Maheswari, Dr.S.Packialakshmi, M. Ajay, B.K. Darshan Deep, S.A. Shameel Asvith, C. Vignesh	Design and testing of IoT based automatic feeder for sericulture	202541023993	18.03.2025	Published
225.	Dr.N.Vairam, Dr.N.Murugan, Mr.S.Joe Patrick Gnanaraj, Ms.V.Divya Prabha, Mr.K.Karthick, Dr.J.Arunraj Christadoss	Dr.N.Vairam, Dr.N.Murugan, Mr.S.Joe Patrick Gnanaraj, Ms.V.Divya Prabha, Mr.K.Karthick, Dr.J.Arunraj Christadoss	Solar Agriculture Robot for Pesticide Spraying	465035-001	08.07.2025	Granted
226.	SRM Valliammai Engineering College	Mr.K.Karthick Ayush Tiwari. S, Indhuja. S, Monish Kumar. H, Subhashree. M	Design and fabrication of solar powered root crops harvester	202641008879	29.01.26	Published
227.	SRM Valliammai Engineering College	Ms.V.Divya Prabha, Chivani .P Mousika.K	Development of Multi input crop water stress identification and Advisory System	202641012457	05.02.26	Published

		Prathiksha.A Rithik.E				
228.	SRM Valliammai Engineering College	Ms.V.Divya Prabha Rithik.E, Ayush Tiwari. S, M.N.Sivaranjan	SOC Based Variable rate SIC Powered Sprayer	202641012458	05.02.26	Published
229.	SRM Valliammai Engineering College	Dr.E.Maheswari Muthazhagan.S Nivitha Sri.G Sangeetha.V Shanmugapriya.S	Design and fabrication of pest detector and its controlling process using UV light for rice and Pulse	202641014454	10.02.26	Published
230.	SRM Valliammai Engineering College	Ms.P.Dhivya Easwari.M Revathi.R Sathish Kumar.A Thiruselvan.T	A design layout of pest surveillance system for cultivation of Tomato	202641014471	10.02.26	Published
231.	SRM Valliammai Engineering College	Mr.R.Dinesh R.Dhanalakshmi Shalini.S Trilochaan .V.S	Design and fabrication of a hybrid solar-biogas dryer for cardamom and pepper	202641028096	10.03.26	Filed
232.	SRM Valliammai Engineering College	Dr.N.Vairam K. Dhurai Raj, B.Hemasri, K.Vishnu Prasath, R.Kamalakaran	Design and Development of Palm Tuber Harvester	202641028692	11.03.26	Filed
233.	SRM Valliammai Engineering College	Mr.T.R.Banuchander R.Karthikeyan Latishkar .S	Investigating the role of Graphitic Nitride in enhancing seedling development	202641029622	12.03.26	Filed

		Linzee Rajkumar Monica.P				
234.	SRM Valliammai Engineering College	Mr.R.Dinesh Kaviyarasu.T Sakthi Uma.S Srimathi.A Thaiba Firthouse.M	Design and performance evaluation of a solar powered ragi thresher for small and marginal farmers	202641031972	17.03.26	Filed
235.	SRM Valliammai Engineering College	Dr.E.MaheswarI Arun Kumar. G Harish Vetrivel. T Kiruba. J Madhumitha. R	Developmental study of seed capsules by using fishery waste	202641034714	23.03.26	Filed
236.	SRM Valliammai Engineering College	Ms.V.Divya Prabha Elavarasi.T Jayashankari.G Balakrishnan.K Kugan Raj.K	Seed Treatment techniques under variable rate drip irrigation for enhancing growth analysis in Sunflower	202641036088	25.03.26	Filed
237.	SRM Valliammai Engineering College	Dr.S,Packialakshmi Abinaya.K, Prasanthkumar.S, Pushpa Ragavi.V	IoT enabled wireless portable multiparameter soil monitoring device	202641043654	06.04.26	Filed

Department: MBA

S.No	Name of the Applicant	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Published/Granted)
238.	Dr.K.Srimathi	Dr.K.Srimathi	Method and apparatus for real-time thermal imaging in manufacturing processes	202441051355		Published
239.	Dr.K.Srimathi	Dr.K.Srimathi	System and method for predictive maintenance of industrial pumps using	202441051481		Published

			machine learning			
240.	Dr.K.Srimathi	1.Dr.Srimathi Kannan 2. Dr. Pacharne Sunil B. 3.Prof. Dr. Divya J Thakur 4.Dr. Jhinuk De 5.R.Nishanthi 6.narayan lal choudhary 7.Dr.Ashwini A. Waoo	Solid waste management device		22-07-2024	Granted
241.	Dr.K.Srimathi	1.Dr. G. Vanitha 2.Virender Kumar Dahiya 3.Dr.Srimathi Kannan 4.Dr.Shashidhar Patil 5.Dr.GyanandreTripathi 6.Dr.R.Sathishkumar 7.Dr. Nidhi Agrawal	Device for demand forecasting and inventory optimization		22-07-2024	Granted
242.	Dr.K.Srimathi	Pushpa Kamalanaban, Mary Jasper, Umadevi Ashok, Srimathi Kannan, Niranjini Babu	Data processing device for performance evaluation and feedback management		09-01-2025	Granted
243.	Dr.B.Kiruthiga	Dr.B. Kiruthiga, Dr.K. Latha, Ms.G.Sathya, Dr.K.Suganya	Patent Title: Predictive Attrition Mitigation Engine (FAME): Machine-Learning Model for Proactive Employee Retention.	202541116624	25-11-2025	Published
244.	Dr.ANAND.J	Ashok, M.; A., UmaDevi; K., Guru; V., Selvalakshmi; J., Anand; S., Raja D., Sridevi	Blockchain based rice atm	2020102839	2-12-2020,	Granted

245.	Dr.ANAND.J	1.Dr. P. Mohan 2. Dr. G. Gabriel Prabhu 3.Dr. M.Jayalakshmi 4.Mr. M. Mahalingam 5.Dr. L. Sujatha 6.Dr. J. Anand 7. Dr. V. Selvalakshmi 8. Dr.H. Mohamed Meeran 9.M. Mohamed Ishaq 10.Dr. A. Sulthan Mohideen 11.Dr. Durdana Ovais	Student Emotion Detection Badge	356668-001	13/01/2022	Granted
246.	Dr.ANAND.J	1.Mr. G. Palanikumar 2. Ms.K. Bavani 3.HimanshuPathak 4.Dr.Anand.J 5.Jeba Sonia J 6.Dr.Sibi Amaran 7.Dr. K.Sreekumar	Ai Based Device For Data Analysis	468184-001	01/08/2025	Granted
247.	Dr.ANAND.J	1.Kantubhuktha Surya Naveen 2. Dr. Jyoti Prasad Kalita 3.Munnu Prasad V 4.Dr. Anand. J 5.Dr. Mohsin Shaikh 6.Dr. Sannet Thomas.	Ai Powered Recruitment Device	202541100566	17/10/2025	Published
248.	Dr.K.SENTAMILSEL VAN	Dr.K.Sentamilselvan Dr.Anand.J Dr.J.Michael Mariadhas V.Sudalaimuthu Dr.Alpa Srivastava. Dr. Suraj. P.G	Customer Segmentation Framework Based On Psychographic And Socio-Cultural Variables For Personalized Marketing	202541016423 A	21/03/2025	Published

249.	M.HEMASUNDARI	M.Hemasundari Anand.J P.Srinivasan	Predictive Analytics Based Employee Retention System	202541004723 A	31/01/2025	Published
250.	Ms.R.Parhana	1.Dr.R.Kanthiah Alias Deepak 2.Ms R.Parhana 3.Mr K.N.Haridharan 4.Dr.M.Hemasundari 5.Ms.Shobana G	Quantum Branding Optimization Framework for Multi-Dimensional Consumer Preference Modelling	202541100566	17/10/2025	Published

Department: MCA

S.No	Name of the Applicant	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Published/Granted)
251.	DR.D.SRIDEVI	Dr.T.Isaiyarasi, Dr.V.Vijayalakshmi, Dr.Bhooma.S, A.Karpagam, Dr.S.Narayanan	IOT-Based Smart City Traffic Control System	426275-001	09.08.2024	Published
252.	B.DIVYA	K.Vijayalakshmi S.Revathi Dr.R.Thenmozhi T.Sugnaya Dr.G.Shanmugaraj Dr.D.Sridevi Ms.L.Kannagi	Back Recovery Protocol Based Multiagent Planning For the Fault Tolerance Of Composite Cloud	202341068987	13/10/2023	Published
253.	SRM VALLIAMMAI ENGINEERING COLLEGE	Dr.S.Parthasarathy Mr.K.Maniraj S.Akash	End –To- End Biometric Integrated Canteen And Feedback Analytics System.			

254.	SRM VALLIAMMAI ENGINEERING COLLEGE	Dr.S.Parthasarathy Mr.K.Maniraj R.Prashanth	Development Of A Chrome Extension For Real-Time Deep Fake Detection Using Deep Learning Techniques.			
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Department: Physics

S.No	Name of the Applicant	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Published/Granted)
255.	Dr.G.Murugadoss	Dr.Rajesh Kumar Manavalan, Dr.K.Thiruppathi and P.Jayanthi	Method for Removing Dye Pollutants and Bacterial Pathogens using quaternary ZnO- PbO-CdO-CuO Nanocomposite	202141032880 A	21-07-2021	Published
256.	Dr.G.Murugadoss	Dr.K.Thiruppathi, Dr.C.Meganathan, Dr.S.Shanmugan and Dr.V.Chithambaram.	Method for Facile Synthesizing Heterostructure NiO-SnO ₂ Nanocomposite for Selective Electrochemical Determination of L-Cysteine	202141050557	03-11-2021	Published
257.	Dr.G.Murugadoss	Dr.K.Thiruppathi, Dr.C.Meganathan, Mani Rajasekar and Rajeshkumar Manavalan.	Method for Preparation of Room Temperature Stable Photoactive Formamidinium Lead Iodide Perovskite.	2021106454	23-07-2021	Published
258.	Dr.S.Padmaja	Mr.R.Jeremiah Dr.V.Kanchana Dr.A.Kistan Dr.Avinash Lakshmikanthan	Vibrations of a Single -Walled Carbon Nanotube for Delivering of Nanoparticle	L- 133684/2023	29/09/2023	Published

Department: Chemistry

S.No	Name of the	Name of the Inventors	Title	Application No.	Patent Filed date	Current Status (Filed/Published/Granted)
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	Applicant					d/Granted)
259.	Dr.M.Soundarrajan	Dr.L.Devaraj Stephen Dr.S.G.Gunasekaran	Examination of chitosan coated carbon blended vermiculite composite: Biosorption towards efficient remediation of toxic heavy metal ions Cr^{6+} and Cd^{2+} for wastewater treatment in various factors-pH, adsorbent dosage and contact time	202441060737	12.08.2024	Published
260.	Dr.L.Devaraj Stephen	Dr.S.G.Gunasekaran Dr.M.Soundarrajan	In situ preparation of $\text{Co}^{\text{III}}(\text{pn})_2(\text{Cl})(\text{L})^{2+}$ with excited nanoscale- TiO_2 for induced interfacial electron transfer reaction-A perspective approach	202441008194	07.02.2024	Published
261.	Dr.M.Soundarrajan	Dr.S.G.Gunasekaran Dr.L.Devaraj Stephen	Vermiculite blended chitosan coated carbon biopolymer composites for comparative removal of chromium	202341008626	10.02.2023	Published
262.	Dr.M.Soundarrajan	Dr.S.G.Gunasekaran Dr.L.Devaraj Stephen	Chitosan coated carbon for the biosorption of toxic heavy metal ions form waste water	202241001670	12.01.2022	Published
263.	Dr.P.Maheswari	Dr.J.Krishnamurthi	Design and development of poly (ether-ether-sulfone) nano-silver/ polyvinyl pyrrolidone antifouling	202141006212	15.02.2021	Published
264.	Dr.S.G.Gunasekaran	Dr.L.Devaraj Stephen Dr.M.Soundarrajan	Design and development of thermally curable poly (benzoxazine-co-styrene) and its high performance applications: A novel polymer	202041055120	18.12.2020	Published
265.	Dr.L.Devaraj Stephen	Dr.S.G.Gunasekaran Mr.V.Arivalagan Dr.M.Soundarrajan	Crystal engineering towards active pharmaceutical cocrystal pyrazine carboxylic acid: A speciation approach	202041007677	24.02.2020	Published
266.	Dr.J.Krishnamurthi	Dr.N.Jayaprakash	Thiourea tagged stimuli-responsive poly-electrolyte gel for the detection and removal of fluoride in non-polar solvent medium	201941007205	25.02.2019	Published
267.	Dr.M.Soundarrajan	Dr.S.G.Gunasekaran Dr.L.Devaraj Stephen	Chitosan immobilized penicillium microspheres for biosorption of toxic	201941006814	21.02.2019	Published

			heavy metal ions from water			
Department: Mathematics						
S.No	S.No	S.No	S.No	S.No	S.No	S.No
268.	Dr D Sridevi	Dr T Isaiyarasi Dr V Vijayalakshmi Dr Bhooma S Ms. A Karpagam Dr S Narayanan	IOT- based Smart City Traffic Control System	182503	09.08.2024	Granted
269.	Dr D Sridevi	Dr V Vijayalakshmi Dr T Isaiyarasi Dr Bhooma S Ms. A Karpagam S. Ramya	IoT Based Agricultral Robot for Automated seeding and Watering	218250	06.06.2025	Granted
Department: English						
270.	Dr. Sheeba Manodh		DATA Processing Device to Analyse Teacher Performance		27-01-2024	Published
271.	Dr.V.Jayanthi		AI-Assist Tool to improve the Accuracy	202341060204 A	07/09/2023	Published
272.	Dr. R. Geetha		DATA Processing DEvice to Analyse		27-01-2024	Published
273.	Dr. Sheeba Manodh		Adaptive Learning Platform for learning a social language for disabled	No.2023410578 46 A	29/08/2023	Granted
274.	Dr. R. Geetha		Adaptive Learning Platform for learning a social language for disabled	No.2023410578 46 A	29/08/2023	Granted