



SRM VALLIAMMAI ENGINEERING COLLEGE

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



24.04.2024

PATENT DETAILS

Status	Total
Granted	18
Published	100
Filed	21
TOTAL	139



SRM VALLIAMMAI ENGINEERING COLLEGE

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



PATENT DETAILS

S No	Name of the Inventors	Name of the Co-Inventors	Title	Application No.	Patent Filed date	Current Status (FILED/PUBLISHED/GRANTED)
DEPARTMENT OF AI&DS						
1.	Muthusenthil Balasubramanian	Chellavelu Vijayakumaran	All in one Portable Smart Pill Box - A Design Of Smart Pill Kit	518268	31.07.2018	Granted
2.	Dr. S.Ravikumar	Dr. Usha Batra Dr. Jaskiran Kaur 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	IoT based Baby Cradle	367142-001	03-07-2022	Granted

3.	Dr. S.Ravikumar	Dr. Usha Batra Dr. Jaskiran Kaur 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	Infant Warmer	367143-001	03-07-2022	Granted
4.	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
DEPARTMENT OF CIVIL & AGRICULTURAL ENGG.						
5.	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	Filed
6.	Dr. A. Leema Rose	Dr. L. K. Rex, Dr. V.S. Sethuraman, Dr. D.S. Vijayan,	Burnt Ash From Hazardous Prosopis Juliflora Plant as a Pozzolanic	202041026629 A	24/06/2020	Published
7.	Dr. A. Leema Rose	D.S. Vijayan S.P. Sangeetha J. Revathy 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
8.	Dr.D.Elango	Dr. S. Sureshbabu Dr.Leemarose Mr.Arunraj Christadoss	New long life Technology of building construction	202241050429	03.09.2022	Filed

DEPARTMENT OF CSE

9.	Mr.N.Leo Bright Tennisson	J.Madhuvanthi S.Naveen K.Naveena	Crowd Monitoring System Using Machine Learning	202441022115	22.03.2024	Filed
10.	Mr.N.Leo Bright Tennisson	Kanuparthi saranya K.Kavibharathi D.Manoranjani	Smart protection system in Agricultural fields	202341030569 A	16.06.2023	Published
11.	Dr.K.Devi	Syed Anas Ahmed S.Sreejith R.Yuvankumar	Rash Driving Analyser using Machine Learning and Deep learning	202341028673 A	16.06.2023	Published
12.	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
13.	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
14.	Dr. B. Vanathi	Sashrutha .m Swetha .b Ramya .r	Smart answer paper evaluation system using convolutional recurrent neural networks & gated recurrent units	202341029398 A	05.05.2023	Published
15.	Dr. B. Muthusenthil	M. Logeshwaran M. Logeshwaran J.muthtamiz selvan	Smart phone based autonomous vision enabled waste segregator	202341028499 A	05.05.2023	Published
16.	Dr. B. Muthu senthil	Mummaneni sravani Konduru theja sree Krithik shri .m.p	Plant life: An autonomous robot for plant disease diagnostic system using deep learning	202341028247 A	05.05.2023	Published

17.	Dr. G. Kumaresan	R. Ranjith M. Sabarish J. Samuel jayaraj S. Suryakumar	Music recommendation system based on emotion detection using deep convolutional neural network	202341028387 A	05.05.2023	Published
18.	Dr. K. Devi	S. Manikandan B. Karthikeyan M. Karna Konduru gajendra raju	Cryptomining based toll collection and charging station system for smart transportation	202341028500 A	05.05.2023	Published
19.	L. Bharathi krishna	K. Snega K. Sneha V. M. Suryeah	Sentiment analysis of stock using news headlines	202341028386 A	05.05.2023	Published
20.	Dr.S.Benila	R.Karan Kumar N.Karthik Raja M.Kavi Mukilan	Rear end Object Detection and alarm for smart Transporation	202341028383 A	05.05.2023	Published
21.	Dr.S.Benila	Dr.K.Devi	Smart rescue vehicle location detection and alarming system	202341011402 A	20.02.2023	Published
22.	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
23.	Dr.C.Pabitha	Dr.B.Vanathi A.Vidhya S.Suma	Classification of architectural heritage images using deep learning techniques.	202241043147A	28.07.2022	Published
24.	Mr.N.Leo Bright Tennisson Nelson	--	Support vector Machines for Rocks & structures	202241040830	18.07.2022	Published
25.	Dr. A.Samydurai	Reshma.S Senthil Kumar.V Varsha.V	Varicose Veins Patient Monitoring and Automated Treatment	202241027343	17/06/2022	Published
26.	Dr. G.Kumaresan	Revathi.P Shruthi.S Shruthi.S	Masquerade Detection Using Machine Learning	202241028131	17/06/2022	Published

27.	Dr. B.Muthusenthil	Niharika.E Nikil Sharan.P Solai Raj.M	Smart Vision Enabled Low Cost Autonomous Robot	202241027957	17/06/2022	Published
28.	Mr.Sudarsanam	Raghavendra Rao.D Sakthi Vell.V Sakthi Vignesh.P Sudharsan.M	Reconnaissance of Cyber threats and Clairvoyance of cyber attacks in an in-House Network Infrastruct	202241028192	17/06/2022	Published
29.	Mr. K. Shanmugam	Maithri.V Priya Dharshini.B Vaishnavi.K	Image Enhancement of Night Time Vehicle Detection for Acquiring It's Particularities	202241027996	17/06/2022	Published
30.	Ms. G. Sangeetha	Vignesh.N.M Suriya.K Shameel.R	Integrated Farmer Supply Chain Stakeholders using Blockchain	202241027520	17/06/2022	Published
31.	Mr. T. Rajesekaran	Subbulakshmi.B Vimalraj S Vishnupriya.B	Blockchain Based Web Application for Developing Digital Check Detect and Prevent Fake Cheque.	202241028133	17/06/2022	Published
32.	Dr. K.Devi	Karthickeyan.P Nikesh.V Sanjay.V	Iot Based Food Freshness Detection Using Convolution Neural Network	202241027273	27/05/2022	Published
33.	Dr. A.Samydurai	Methun.R Sabarinathan.B Visal.V	Block Chain and Crypto Implemented	202241029327	27/05/2022	Published
34.	Dr. V.Dhanakoti	Naresh Kumar.S Roopana S Papana Ratnapradeep Reddy	Voice Tuned Orator	202241027990	27/05/2022	Published
35.	Dr. B.Muthusenthil	R. Monika Parveen.H Sathish.M	Deep Learning Model to analyze the attentive of Crowd using pose Estimation, Person and Eye Det	202241027965	27/05/2022	Published
36.	Dr. B.Vanathi	Rex Peter.G Sunil Kumar.S Sakthevel.B	Multi Level Secure Transaction Using Facial Authentication And Random Pin Generation	202241027952	27/05/2022	Published

37.	Dr.A.Samydurai	Dr.B.Muthusenthil Dr.G.Kumaresan Dr.K.Devi	Deep learning-based emotion recognition model for online tutoring system	202241006587	08.02.2022	Published
38.	Dr.S.K.Saravanan	Dr.T.V.Ramana Ms.R.Kalpana V.Athappan Dr.N.Manikandan Dr.R.Thiyagarajan Mr.I.Mohan Mr.Grish G.Patil	AI Based Virtual Assistant for Mentally Retarded People with Voice Enabled Intelligence	202241004116A	04.02.2022	Published
39.	Dr.M.SenthilKumar	Dr.B.ChidhambararajanMrs. S.Shenbagavadivu	A system and method for providing an ai & ml based smart interface expansion card device	202141053090 A	03.12.2021	Published
40.	Dr. S. Parthasarathy	Dr. Hariom Puniya . Dr.Shyam Shukla Dr. D. Ranjith Kumar Dr. Ashok Kuma Dr. AnujGoel Mrs.Divya Manoharan	Information technology systems implementation to improve adoption and reduce failure rate in international business	202141046614	29.10.2021	Published
41.	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	2021103108	07.07.2021	Granted
42.	Mrs.C.Pabitha	Dr.B.Vanathi	A Hybrid system for skin burn image classification and severity grading and its Method thereof	2021101300	21.04.2021	Granted

43.	Dr. B Vanathi	.Dr. N Malarvizhi Dr. S. Sasikala Dr. Neeba E A Dr. V. Keerthika Mrs. Aswathy R.H	Joint pain treatment system: joint pain treatment and notification using doctors experience and iot-based system.	202041057132	15.01.2021	Published
44.	Mrs.S.Shanthi	Dr. Rejina Parvin Jameel Abdul Nassar Dr. Karthika Saravanan Mrs. Vanitha Udayakumar Mrs. Sivaranjani Subramani Dr. Karnam Chandrakumar Ramya Dr. Sheeba Rani Gnanamalar	IoT enabled smart cart billing system with block chain	202041000388 A	17.01.2020	Published
45.	Dr. A. Samydurai	Ms. K. Revathi	IoT Based Portable Physiological Sign Monitor	201941050124	05.12.2019	Published
46.	Mr.Prabakaran.A (student)	Uvan Shankar.M Rathina Karthi.T Tintu Mathew	Curbing Theft By Altering Sim Tray Mechanism And Power Button Function	201941024089	18.06.2019	Published
47.	Mrs.S.Shanthi	S. Sheeba Rani Gnamalar. T. J.,Janet, K.C.Ramya, K.Vinothkumar, K.Geetha, J.B.Rizwana, V.Kamatchi Sundari, B.Sangeetha, S,Baskaran, L.Kannapiran	Non Isolated Bi-directional Converters with Coupled Inductors (NBDCCI) for hybrid Electric Vehicle (HEV) Applications	PCT/IN2019/ 050392	16.5.2019	Published

48.	Dr.D. Kavitha	B. Indhuja L. Gayathri K. Dhanalakshmi	Smart Agricultural Assistant For Animal Monitoring	201941000621	07.01.2019	Published
49.	Dr.V.Dhanakoti	Rajeshwari Sivasubramanian	Automated system for detecting leakage and flaws in large network of underground pipelines	201841045703	04.12.2018	Published
DEPARTMENT OF CYBER SECURITY						
50.	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
51.	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	Filed
52.	R. Sivasankari	S.Giridharan M.Rajkumar	An IOT Based Intelligent Footwear for the Visually Impaired People	2023341042916	27/06/2023	Filed
53.	Dr.M.SenthilKumar	Dr.B.Chidhambararajan Mrs.S.Shenbagavadivu	A Trendy Digitalizer –Runs on Decker for digitalization of tamil content	202241007891	15.02.2022	Granted

DEPARTMENT OF ECE

54.	SRM Valliammai Engineering College	N.Subhashini C.Saravanakkumar V.Sureshkumar Komala James	Compressive Sensing Based Agricultural Field Monitoring System	202341053120	08.08.2023	Published
55.	Dr. Murugan Mahalingam Dr. S. R. Preethi	Dr. A.R. Revathi	A Universal remote for IoT devices	372599-001	15.10.2022	Published
56.	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	Published
57.	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	Published
58.	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	Published
59.	Mr.C.Saravanakumar,	Neve Gaurav Rajendra, Yousef Methkal Abd Algani, Dr. S. M. D. Mathuravalli, Goutam Banerjee, Dr. Jitesh Rajendra Neve,	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	202221044586	04.08.2022	Published

		Dr.K.Dhayalini, Dr. Panem Charanarur, Subhash Yalavarthy, Dr. Brijesh Sathian	Life.			
60.	Dr. S. R. Preethi Mrs. K.Arthi	Dr. A.R. Revathi	Feeding Bottle With Temperature Display	358025-001	07.02.2022	Granted
61.	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	202241008212	16.02.2022	Published
62.	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
63.	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	25.08.2021	Granted (Australian Patent)
64.	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 A	27/07/2021	Published
65.	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	IOT Based Wearable Wireless Volume Control Device For Any Electronic Gadgets	202041049423 A	12/11/2020	Published

		Mr. C Ramesh Kumar Bibhu Prasad Ganthia Dr. Glorindal Selva				
66.	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 Womens Safety Device	202041049152 A	10/11/2020	Published
67.	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	Published
68.	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 (Australian Patent)
69.	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	Wireless Mesh Networks Lifetime Maximization For Machine To Machine	201941052842 A	19.12.2019	Published

		Dr. P.Sivakumar Dr. M. Shoukath Ali Dr. M. Senthil Kumar S.Murugaveni B.Priyalakshmi				
70.	Dr.N.Usha Bhanu	Uday Shilton R. Tamil Selvan	Automated Attendance Management System	201841018255 A	16/05/2018	Published
71.	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/2015	26/05/2016	Published
DEPARTMENT OF EEE						
72.	Dr.R.Karthik	NIL	An Effective methodology to improve the Dielectric Performance of Mineral oil using Nanoparticles	201841019049	22.05.2018	Filed
73.	Mr. J.Liney Ajay	NIL	Structural co-ordination of object	201941011919	14.06.2019	Filed
74.	Dr.K.Elango Dr.S.Malathi Dr.T.Santhosh Kumar Dr.R.Arivalagan	NIL	Smart Emergency stretcher coupled BT-controlled cleaning robot	202241007320 A	18.02.2022	Published
75.	Dr.R.Arivalahan Ms.R.V.Preetha Mr.S.Balaji	NIL	Blockchain Technology For Undisclosed Distant Messaging Using Wireless Sensor Networks And Internet Of Things	202341007713 A	17.02.2023	Published

	Mr.P.Tamilarasan					
76.	Mr.G.Karthikeyan, A.Jaishankar, Dr.S.Malathi	NIL	Development Of Smart Metering For Socio-Economic Sustainability By Theft Detection	202341029466	24.04.2023	Filed
77.	M.Lingeshwaran	NIL	Smart Farm	202341028496	19.04.2023	Filed
DEPARTMENT OF EIE						
78.	B.PARAMESWARAN	R. Sabarinathan, D. Pavithra & M.A. Saravanan	IoT Based Food and Grain Condition Traceability System	202341079917	24/11/2023	Published
79.	K.S.JAIBHAVANI	Dr S. Visalakshi	Piezoelectric Vibration Energy Harvesting Device	374747001	28/11/2022	Granted
80.	Dr. K. AYYAR	Dr.L.Selvam, G.Gokilakrishnan, Dr. Rahul Ratnakar Mahamuni, Dr.Yuvaraj Duraisamy, R.Tamilarasi, Ashirbad Sahoo, Sanjay Singh Thakur, Dharmbir Singh, Sajith Kumar.R, Dr.Sonu Mishra, Dr. Virendra Gomase	Smart and safe gas flow pipeline based on IOT for cooking appliances	202241007263	11/02/2022	Published

81.	Dr. S. VISALAKSHI	Dr. R. Umamaheswari	Monolithically integrated thin-film solar cell charger for electronic gadgets	2020101896	19/08/2020	Granted
82.	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
83.	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
84.	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
85.	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
86.	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
87.	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 OF IT						
88.	Dr.A.R.Revathi	Ms.S.Srinidhi	Locomotive Detection of Idols	201841016921A	04.05.2018	Granted

89.	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
90.	Dr.S.Narayanan	-	Ground Water Monitoring and Water Level Management System Using IoT	201941039312	28.09.2019	Filed
91.	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
92.	Dr.A.R.Revathi	Mr.S.Shunmuga Raman	AI Based Control Adaptive Automation System	202041044014A	09.10.2020	Published
93.	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
94.	Dr.S.Ravikumar	Mr.C.Sathiyavel Ms.G.Renuka Devi Mr.H.R.Divakar Ms.V.LMalini Ms.J.Nirmaladevi	IOT based Virtual Students Monitoring System by Using TF Plus Mini Lidar Sensor	2021100210	13.01.2021	Granted

		Mr.Mohammed Ali Mr.U.Nagappa U Bhajantri Mr.M.H.SIDRAM Ms.R.Karthika Devi				
95.	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
96.	Dr.A.R.Revathi	Dr.D.Sridevi Ms.SRIVIDHYA E Dr. KISHORE VERMA S Ms.SONYA A Mr.GOKULAKRISHNAN Mr.S MURUGANATNHAM 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
97.	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
98.	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	Published Granted
99.	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	Published

100.	Dr. S. Ravikumar	Dr.Chockalingam Devanathan Dr.Subramanian Boopathi	Unmanned Intelligent Patrol Electric Vehicle with IOT Integrated platform	202022101428	17.03.2022	Granted
101.	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	25.11.22	Published
DEPARTMENT OF MECHANICAL ENGG.						
102.	Dr.K.Sivakumar	Dr.T.Sampathkumar	Automatic removal of suspended sediments in drainage pipe line	201941017451	02/05/2019	Published
103.	Dr.K.Sivakumar	1. Mr.C.Elanchezhian 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
104.	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	Waste heat into electricity	201941052773 A	19/12/2019	Published

		7. Mr.G. Thilagavathi 8. Mr.S. Mohan 9. Mr.S. Krishnaraj				
105.	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
106.	Dr.S.Thirugnanam	Dr.S.Thirugnanam	Analysis of the influence of reinforcements on machining characteristics of Al8011	202241007885	15/02/2022	Published
107.	Mr.G.Rajesh	Mrs.G.Rajesh	Design and Development of Regenerative Electrical Bicycle using weight Lifting Electro Magnetic Coil Braking system	202241051491	09/09/2022	Published
108.	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	Filed
109.	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	Expermental Investigation of DI Diesel Engine Performance With Oxygenated Additive and Some Biodiesel	202211069770	02/12/2022	Published
110.	Mrs.N.Nithya	Mrs.N.Nithya	Design and development of MR damper for machining al based metal matrix composites.	202241070750	8/12/2022	Published

111.	Mr.R.Ashok	Mr.R.Ashok	Design and development of Wheel based pipe inspection robot	202341023058	29/03/2023	Published
112.	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
113.	Mr.R.Ashok	Mr.R.Ashok	Improved cooling and aerodynamics for electric vehicles	202341035379	22/05/2023	Filed
DEPARTMENT OF MBA						
114.	Mrs.A.Umadevi Dr.Radha Ganeshkumar	Mrs.A.Umadevi Dr.Radha Ganeshkumar	Programming the supply chain network for customers with uncertain demand.	202041001195	January 2020	Published
115.	Mr.K.Guru Dr.Radha Ganeshkumar Dr.J.Anand Mrs.A.Umadevi	Mr.K.Guru Dr.Radha Ganeshkumar Dr.J.Anand Mrs.A.Umadevi	Blockchain Based Shopping Cart.	202041020687	May 2020	Published
116.	Mrs.A.Umadevi, Mr.K.Guru, Dr.S.Raja, Dr.V.Selvalakshmi, Dr.J.Anand.	Mrs.A.Umadevi, Mr.K.Guru, Dr.S.Raja, Dr.V.Selvalakshmi, Dr.J.Anand.	BlockChain Based Rice ATM (Australian Patent)	2020102839	December 2020	Granted
117.	Dr.K.Sentamilselvan, Dr.L.Sujatha, Dr.M.Ganesan Kanagaraj	Dr.K.Sentamilselvan, Dr.L.Sujatha, Dr.M.Ganesan @@ Kanagaraj	IOT Enabled Audio Player Integrated Printer. IPR Design	336951-001	December 2020	Published

118.	Dr.S.Raja	Dr.S.Raja	Competency Mapping for HR Professional in Indian IT Industry.	202141055003 A	December 2021	Published
119.	Dr.V.Selvalakshmi Dr.Srinivasan Iyengar	Dr.V.Selvalakshmi Dr.Srinivasan Iyengar	Stress Level Indicator Mouse	365826-001	June 2022	Published
120.	Mrs.A.Umadevi Dr.N.Venkateswaran	Mrs.A.Umadevi Dr.N.Venkateswaran	A System for Managing Business Banking by Assigning Business Management Authority to Each Sub Manager and Method Thereof	202241072721	December 2022	Published
121.	Dr.k.Tharini Shital S Chavan Dr.Prashant Shankuwar Dr.L.Sujatha Dr.J,Thilagavathi Ms.Lavanya Prof.sanjeev kumar	Dr.k.Tharini Shital S Chavan Dr.Prashant B Shankuwar Dr.L.Sujatha Dr.J,Thilagavathi Ms.Lavanya Prof.sanjeev kumar	Device with Artificial Intelligence for pet care Facility Monitoring	374069-001	Jan 2023	Published
122.	Dr.P.Mohan Dr.G.Gabriel Prabhu Dr.M.Jayalakshmi Mr.M.Mahalingam Dr.L.Sujatha Dr.J.Anand Dr.V.Selvalakshmi Dr.M.Mohamed Meeran	Dr.P.Mohan Dr.G.Gabriel Prabhu Dr.M.Jayalakshmi Mr.M.Mahalingam Dr.L.Sujatha Dr.J.Anand Dr.V.Selvalakshmi Dr.M.Mohamed Meeran	Student Emotion Detection Badge	356668-001	March 2023	Published
123.	Dr.K.Latha	Dr.K.Latha	Integrating Social Media and Commerce Applications	202341076211 A	15/12/2023	Published

124.	Dr.L.Sujatha	Dr.L.Sujatha	Strategic Workforce Development Methodology for Integrating HR and Entrepreneurship Strategies	202311072156 A	24/11/2023	Published
DEPARTMENT OF PHYSICS						
125.	Dr.K.Thiruppathi	Dr.G.Murugadoss Dr. Rajesh kumar Manavalan P.Jayanthi	Method For Removing Dye Pollutants And Bacterial Pathogens Using Quaternary Zno-Pbo-Cdo-Cuo Nanocomposite	202141032880 A	21/07/2021	Published
126.	Dr.K.Thiruppathi	Dr. G. Murugadoss, 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 A	03/11/2021	Published
127.	Dr.K.Thiruppathi	Dr. G. Murugadoss, Dr.C.Meganathan, Mani Rajasekar and Rajeshkumar Manavalan.	Method for Preparation of Room Temperature Stable Photoactive Formamidinium Lead Iodide Perovskite	2021106454	01/12/2021	Published
128.	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	Filed
DEPARTMENT OF CHEMISTRY						
129.	Dr.L.Devaraj Stephen	Dr.S.G.Gunasekaran Dr.M.Soundarajan	In situ preparation of Co ^{III} (pn) ₂ (Cl)(L) ²⁺ with excited nanoscale-TiO ₂ for induced interfacial electron transfer reaction- A perspective approach	202441008194	07.02.2024	Filed

130.	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	Filed
131.	Dr.M.Soundarrajan	Dr.S.G.Gunasekaran Dr.L.Devaraj Stephen	Chitosan coated carbon for the biosorption of toxic heavy metal ions from waste water	202241001670	12.01.2022	Filed
132.	Dr.P.Maheswari	Dr.J.Krishnamurthi	Design and development of poly(ether-ether-sulfone) nano-silver/polyvinyl pyrrolidone antifouling	202141006212	15.02.2021	Filed
133.	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	Filed
134.	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	Filed
135.	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	Filed
136.	Dr.M.Soundarrajan	Dr.S.G.Gunasekaran Dr.L.Devaraj Stephen	Chitosan immobilized penicillium microspheres for biosorption of toxic heavy metal ions from water	201941006814	21.02.2019	Filed
DEPARTMENT OF ENGLISH						
137	Dr.M. Chithra	Dr .R.Geetha, Dr.Sheeba Manodh, Dr.S.Mahadevan, Dr.Senthamarai Thennavan, DR.P.Tamilarasan,	Data Processing Device to analyse teacher performnce	405847-001	27 -1-2024	Granted

		Dr. T.Sugadev, Dr.N.Sheik Hameed, Dr.S.Vijayakumar				
138	Dr.N.Gopinath	Dr.Vijaya Kumar Dr.M. Chithra Dr.Sheeba Manodh, Dr .R.Geetha, Dr. T.Sugadev, Dr.N.Gopinath Dr.Horizon Prasanna Kumar, Dr.Sakthivel, Dr.VenkateshwaraU, Mr. Abhishek David John	Adaptive learning Platforms for learning a second language for disabled children	202341057846 A	22-12-2023	Published
139	Dr.N.Sheik Hameed,	Dr Sakthivel, Jagan Babu.K, Mathangi.G, V.Jayanthi, M.Elizabeth Rani, Aruldoss, Sulochana, Muthamizh selvi, Dr.Nithya Kumar Dr. T.Sugadev, Dr.N.Gopinath	AI-Assist tool to improve the accuracy and dependability of automated speech and writing assistance	202341060204 A	12-01-2024	Published