

SRM VALLIAMMAI ENGINEERING COLLEGE
(An Autonomous Institution)

SRM Nagar, Kattankulathur – 603 203



INTELLECTUAL PROPERTY RIGHTS (IPR)



SRM VALLIAMMAI ENGINEERING COLLEGE

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



PATENT DETAILS

Status	Total
Granted	17
Published	90
Filed	19
TOTAL	126



SRM VALLIAMMAI ENGINEERING COLLEGE

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



PATENT DETAILS

31.07.2023

S No	Name of the Inventors	Name of the Co-Inventors	Title	Application No.	Patent Filed date	Current Status (FILED/PUBLISHED/GRANTED)
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE						
1.	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
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	Infant Warmer	367143-001	03-07-2022	Granted

3.	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
CIVIL ENGINEERING						
4.	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
5.	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
6.	Dr.D.Elango	Dr. S. Sureshbabu Dr.Leemarose Mr.Arunraj Christadoss	New long-life Technology of building construction	202241050429	03.09.2022	Filed
COMPUTER SCIENCE AND ENGINEERING						
7.	Mr.N.Leo Bright Tennisson	Kanuparthi saranya K.Kavibharathi D.Manoranjani	Smart protection system in Agricultural fields	202341030569 A	16.06.2023	Published
8.	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
9.	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

10.	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
11.	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
12.	Dr. B. Muthusenthil	M. Logeshwaran M. Logeshwaran J.muthtamiz selvan	Smart phone based autonomous vision enabled waste segregator	202341028499 A	05.05.2023	Published
13.	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
14.	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
15.	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
16.	L. Bharathi krishna	K. Snega K. Sneha V. M. Suryeah	Sentiment analysis of stock using news headlines	202341028386 A	05.05.2023	Published
17.	Dr.S.Benila	R.Karan Kumar N.Karthik Raja M.Kavi Mukilan	Rear end Object Detection and alarm for smart Transportation	202341028383 A	05.05.2023	Published
18.	Dr.S.Benila	Dr.K.Devi	Smart rescue vehicle location detection and alarming system	202341011402 A	20.02.2023	Published

19.	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
20.	Dr.C.Pabitha	Dr.B.Vanathi A.Vidhya S.Suma	Classification of architectural heritage images using deep learning techniques.	202241043147A	28.07.2022	Published
21.	Mr.N.Leo Bright Tennisson Nelson	--	Support vector Machines for Rocks & structures	202241040830	18.07.2022	Published
22.	Dr. A.Samydurai	Reshma.S Senthil Kumar.V Varsha.V	Varicose Veins Patient Monitoring and Automated Treatment	202241027343	17/06/2022	Published
23.	Dr. G.Kumaresan	Revathi.P Shruthi.S Shruthi.S	Masquerade Detection Using Machine Learning	202241028131	17/06/2022	Published
24.	Dr. B.Muthusenthil	Niharika.E Nikil Sharan.P Solai Raj.M	Smart Vision Enabled Low-Cost Autonomous Robot	202241027957	17/06/2022	Published
25.	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
26.	Mr. K. Shanmugam	Maithri.V Priya Dharshini.B Vaishnavi.K	Image Enhancement of Night Time Vehicle Detection for Acquiring Its Particularities	202241027996	17/06/2022	Published
27.	Ms. G. Sangeetha	Vignesh.N.M Suriya.K Shameel.R	Integrated Farmer Supply Chain Stakeholders using Blockchain	202241027520	17/06/2022	Published
28.	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

29.	Dr. K.Devi	Karthickeyan.P Nikesh.V Sanjay.V	IoT Based Food Freshness Detection Using Convolution Neural Network	202241027273	27/05/2022	Published
30.	Dr. A.Samydurai	Methun.R Sabarinathan.B Visal.V	Block Chain and Crypto Implemented	202241029327	27/05/2022	Published
31.	Dr. V.Dhanakoti	Naresh Kumar.S Roopana S Papana Ratnapradeep Reddy	Voice Tuned Orator	202241027990	27/05/2022	Published
32.	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
33.	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
34.	Dr.M.SenthilKumar	Dr.B.Chidhambararajan Mrs.S.Shenbagavadivu	A Trendy Digitalizer –Runs on Decker for digitalization of tamil content	202241007891	15.02.2022	Published
35.	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
36.	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 Retraded People with Voice Enabled Intelligence	202241004116A	04.02.2022	Published

37.	Dr.M.SenthilKumar	Dr.B.Chidhambararajan Mrs.S.Shenbagavadivu	A system and method for providing an ai & ml based smart interface expansion card device	202141053090 A	03.12.2021	Published
38.	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
39.	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
40.	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
41.	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

42.	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
43.	Dr. A. Samydurai	Ms. K. Revathi	IoT Based Portable Physiological Sign Monitor	201941050124	05.12.2019	Published
44.	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
45.	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
46.	Dr.D. Kavitha	B. Indhuja L. Gayathri K. Dhanalakshmi	Smart Agricultural Assistant for Animal Monitoring	201941000621	07.01.2019	Published
47.	Dr.V.Dhanakoti	Rajeshwari Sivasubramanian	Automated system for detecting leakage and flaws in large network of underground pipelines	201841045703	04.12.2018	Published

CYBER SECURITY

48.	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
49.	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
50.	R. Sivasankari	S.Giridharan M.Rajkumar	An IOT Based Intelligent Footwear for the Visually Impaired People	2023341042916	27/06/2023	Filed

ELECTRONICS AND COMMUNICATION ENGINEERING

51.	Dr. Murugan Mahalingam Dr. S. R. Preethi Dr. A.R. Revathi	-	A Universal remote for IoT devices	372599-001	15.10.2022	Granted
52.	Mr. C. Saravanakumar	Dr.M.Ravikiran, Y Mohana Roopa, Dr.Manjot Kaur, Pratik Kumar Dubey	Visual Tracking of Indoor Flying Advanced Auto Monitor Robots	202241060941	26/10/2022	Published

		Mr.Sanjaykumar Mahadeo Ingale, Dr. Namita Arya,				
53.	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
54.	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
55.	Mr.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	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
56.	Dr. S. R. Preethi Mrs. K.Arthi	Dr. A.R. Revathi	Feeding Bottle with Temperature Display	358025-001	07.02.2022	Granted
57.	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

58.	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
59.	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)
60.	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
61.	Dr. N. Usha Bhanu Mr.C. Saravanakumar	Dr.S Sivasubramanian Dr.G.Manikandan Dr.G. Bhuvaneshwari 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	Published
62.	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	IOT Based Smart Wearable Child and Womens Safety Device	202041049152 A	10/11/2020	Published

		Dr.K.Murugan Dr.T.Yuvaraja Prof K.Jayaram S. Sathish Kumar				
63.	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
64.	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)
65.	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 A	19.12.2019	Published
66.	Dr.N.Usha Bhanu	Uday Shilton R. Tamil Selvan	Automated Attendance Management System	201841018255 A	16/05/2018	Published
67.	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	2036/MUM/2015	26/05/2016	Published

			Aggregate Interference			
ELECTRICAL AND ELECTRONICS ENGINEERING						
68.	Dr.R.Karthik	NIL	An Effective methodology to improve the Dielectric Performance of Mineral oil using Nanoparticles	201841019049	22.05.2018	Filed
69.	Mr. J.Liney Ajay	NIL	Structural co-ordination of object	201941011919	14.06.2019	Filed
70.	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
71.	Dr.R.Arivalahan Ms.R.V.Preetha Mr.S.Balaji Mr.P.Tamilarasan	NIL	Blockchain Technology for Undisclosed Distant Messaging Using Wireless Sensor Networks and Internet of Things	202341007713 A	17.02.2023	Published
72.	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
73.	M.Lingeshwaran	NIL	Smart Farm	202341028496	19.04.2023	Filed

ELECTRONICS AND INSTRUMENTATION ENGINEERING

74.	K.S.Jaibhavani	Dr S. Visalakshi	Piezoelectric Vibration Energy Harvesting Device	374747001	28/11/2022	Granted
75.	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
76.	Dr. S. Visalakshi	Dr. R. Umamaheswari	Monolithically integrated thin-film solar cell charger for electronic gadgets	2020101896	19/08/2020	Granted
77.	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
78.	Dr. R. Umamaheswari	Mr. Chandru.P.S Mr. Karkilan.R Mr. Loga Prakash.C	Novel method of aqua condensation using renewable energy	202041006863	18/02/2020	Filed

		Mr. Mohan Kumar.V				
79.	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
80.	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
81.	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
82.	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	Filed
INFORMATION TECHNOLOGY						
83.	Dr.A.R.Revathi	Ms.S.Srinidhi	Locomotive Detection of Idols	201841016921A	04.05.2018	Granted
84.	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

85.	Dr.S.Narayanan	-	Ground Water Monitoring and Water Level Management System Using IoT	201941039312	28.09.2019	Filed
86.	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
87.	Dr.A.R.Revathi	Mr.S.Shunmuga Raman	AI Based Control Adaptive Automation System	202041044014A	09.10.2020	Published
88.	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
89.	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 U 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

90.	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
91.	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
92.	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
93.	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
94.	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
95.	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

96.	Dr. S. Ravikumar	Dr.Chockalingam Devanathan Dr.Subramanian Boopathi	Unmanned Intelligent Patrol Electric Vehicle with IOT Integrated platform	202022101 428	17.03.2022	Granted
97.	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
MECHANICAL ENGINEERING						
98.	Dr.K.Sivakumar	Dr.T.Sampathkumar	Automatic removal of suspended sediments in drainage pipe line	201941017451	02/05/2019	Published
99.	Dr.K.Sivakumar	Mr.C.Elanchezhian Mr.Raghuram Pradhan Mr.K.Venkatraman Mr.V.M.Manickavasagam Mr.D.Muruganandam Mrs.J.Jayapriya Mr.C.G.Mohan Mr.V.Raviraj Mr.S.Karthick	Reinforced Particulate Aluminium metal matrix composite and process for making the same	201941052771 A	19/12/2019	Published

100.	Dr.K.Sivakumar	Ms.A. Dhanalakshmi Mr.S. Kathiresan Mr.Raghuram Pradhan Mr.L. Saravana Kumar Mr.S. Manikandan Mr.K. Arunan Mr.G. Thilagavathi Mr.S. Mohan Mr.S. Krishnaraj	Waste heat into electricity	201941052773 A	19/12/2019	Published
101.	Dr.S.Thirugnanam	Mr.K.Velmurugan Mr.C.Jayabalan Mr.T.Dharmaprabhakaran Mr.K.Vetri Velmurugan Mrs.B.Karthikeyan Mrs.Balakrishnan	Composite LPG cylinder using GFRP with Al Alloy matrix	202141025442 A	08/06/2021	Published
102.	Dr.S.Thirugnanam	Dr.S.Thirugnanam	Analysis of the influence of reinforcements on machining characteristics of Al8011	202241007885	15/02/2022	Published
103.	Mr.G.Rajesh	Mr.G.Rajesh	Design and Development of Regenerative Electrical Bicycle using weight Lifting Electro Magnetic Coil Braking system	202241051491	09/09/2022	Published

104.	Mr.J.P.Ramesh	Mr.G.Sivaraj Mr.J.P. Ramesh Mr.M.S. Parath	Dust removing system of car	374281-001	17/11/2022	Filed
105.	Dr.S.Suresh Pungaiiah	Mr.V.Narasiman Dr.S.Suresh Pungaiiah Mrs.Mahalakshmi Mr. Arun chandran Mr.Chirag Mehra Mr.S.Kannan	Experimental Investigation of DI Diesel Engine Performance With Oxygenated Additive and Some Biodiesel	202211069770	02/12/2022	Published
106.	Mrs.N.Nithya	Mrs.N.Nithya	Design and development of MR damper for machining al based metal matrix composites.	202241070750	8/12/2022	Published
107.	Mr.R.Ashok	Mr.R.Ashok	Design and development of Wheel based pipe inspection robot	202341023058	29/03/2023	Published
108.	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
109.	Mr.R.Ashok	Mr.R.Ashok	Improved cooling and aerodynamics for electric vehicles	202341035379	22/05/2023	Filed

MBA

110.	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
111.	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
112.	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.	Block Chain Based Rice ATM	2020102839	December 2020	Granted (Australian Patent)
113.	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
114.	Dr.S.Raja	Dr.S.Raja	Competency Mapping for HR Professional in Indian IT Industry.	202141055003 A	December 2021	Published
115.	Dr.V.Selvalakshmi Dr.Srinivasan Iyengar	Dr.V.Selvalakshmi Dr.Srinivasan Iyengar	Stress Level Indicator Mouse	365826-001	June 2022	Published
116.	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

117.	Dr.k.Tharini Shital S Chavan Dr.Prashant B 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
118.	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
PHYSICS						
119.	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
CHEMISTRY						
120.	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

121.	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
122.	Dr.P.Maheswari	Dr.J.Krishnamurthi	Design and development of poly(ether-ether-sulfone) nano-silver/polyvinyl pyrrolidone antifouling	202141006212	15.02.2021	Filed
123.	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
124.	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
125.	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
126.	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