



R.M.K ENGINEERING COLLEGE

(An Autonomous Institution)

R.S.M Nagar, Kavaraipettai, Thiruvallur District-601206



List of Patents & Copyrights current status (as on 15th November 2024)

PATENT APPLICATION DETAILS

No of Patents Granted	No of Patents Filed & Published
21	287

COPYRIGHT APPLICATION DETAILS

No of Copyright Granted	No of Copyright Published
01	03

PATENT GRANT DETAILS

Sl.No.	Name of the Applicants	Year	Name of the Inventors	Title	Application no.	Patent Filed date	Current Status	Patent Grant Date	Dept.
1.	1. RMK Engineering College	2014	1. Dr.GeethaRamadas	Photovoltaic Driven High-Precision Temperature Controllable Peltier Domestic Cooler/Warmer	3165/CHE/2014	6/30/2014	Granted Patent No. 340739	7/7/2020	EEE
	2. SurithNivas Mohan Doss		2. Sai Prasad Sridaran						
			3. Raam Kumar Hari Krishnan						
			4. SurithNivas Mohan Doss						
2.	1.RMK Engineering College	2015	1. Dr.GeethaRamadas	Extending The Shelf Life of The Food By Microbial Inactivation Using Continuous And Flash Process Based on Ohmic Heating Technique	814/CHE/2015	8/11/2015	Granted patent No. 354425	12/24/2020	EEE
	2. E. Kaleeswaran		2. A.AlhamdhuNisha						
			3. S. Manivannan						
			4. KommojuSaiTejaKashyap						
3.	1. RMK Engineering College	2015	1. Dr. K.A. Mohamed Junaid	Efficacious cooling system centered upon establishing humidity control by encompassing desiccant into coolers impeding reduced cost and enhanced efficiency	1516/CHE/2015	3/25/2015	Granted patent No. 371604	7/9/2021	EIE
	2.Tadimetim Niharika		2. TadimetimNaharika						
			3. M.BrittoSumitha						
			4. VijayaPreethi						
			5. M.Deepa						
4	1. RMK Engineering College	2017	1. Dr.S.Vijayalakshmi	Design of Compressor Less Water Chiller and Heater	201741022392	6/27/2017	Granted patent No. 371884	7/14/2021	EIE
			2. Dr.T.Gnanasekaran						
			3. Yogalakshmi. K						
			4. SakalaVishaliSakunthala						
			5. P. Srilatha						
5	1. RMK Engineering College	2017	1. Dr.Y. Sukhi	Home Automation and Accident Prevention with Cloud Control System	201741025254	7/17/2017	Granted patent No. 364374	9/4/2021	EEE
			2. AnanthaPadmanabhan.T						
			3. Aravind. S						
			4. Aravindan. K						
6	1. RMK Engineering College	2017	1. K.R. Chairma Lakshmi	Border Alert and Life Protection System for Fishermen	201741022591	6/28/2017	Granted patent No. 389281	2/15/2022	EIE
			2. Dr. T. Gnanasekaran						
			3. H.JayaprakashB.Giridhar						
			4. N.K.Dhanasekar						
			5. D.Dinesh Kumar						
7	1. RMK Engineering College	2017	1. M. Daniel Naresh Kumar	RFID based Public Transportation Monitoring System monitored using IoT	201741032145	6/12/2017	Granted patent No. 386282	1/10/2022	ECE
			2. S. Gokulnath						
			3. P. Anand						
			4. K. R. Hemanth Kumar						
8	1. RMK Engineering College	2017	1. Joel. T	Smart Air pollution monitoring control using IoT& Machine Learning	201741032146	6/12/2017	Granted Patent No. 391498	9/3/2022	ECE
			2. Simran.S						
			3. P.Subashini						
9	1.RMK Engineering College	2017	1. M.S. Kavitha	Hydroponics Controller With Automation, Remote Monitoring And Control Using IOT	201741027453 08-02-2017	08/02/2019	Granted Patent No. 420534	02/06/2023	EEE
			2. N. Suresh						

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Sl.No.	Name of the Applicants	Year	Name of the Inventors	Title	Application no.	Patent Filed date	Current Status	Patent Grant Date	Dept.
			3. Dr. GeethaRamadas	Remote Monitoring And Control Using IoT	201641013417	21/04/2017	Granted patent No. 422471	20/02/2023	ME
10	1. RMK Engineering College 2. Deepak Ganesan	2016	1.Deepak Ganesan 2.V.Siva Kumar	Novel Invention To Maintain Tire At Constant Pressure Using Heated Atmospheric Air	201641013417 18/04/2016	21/04/2017	Granted patent No. 422471	20/02/2023	ME
11	1. RMK Engineering College	2018	1. Dr. BinuSukumar 2.V. Saran Kumar 3. ValluruNarendra Naidu 4. P. Ragul Kumar 5. R. Ramakrishna	Ready Mix Paint And RMP Dispenser	201841049956 31/12/2018	31/12/2018	Granted patent No : 439584	19/07/2023	Civil
12	R.M.K. Engineering College	2019	1.Aparna M 2. DivyaNachiar R 3.Akalya A 4.Chairma Lakshmi K R 5.Gnanasekaran T	Smart Waste Management Using Credit Fetcher	201941049420	02/12/2019	Granted Patent No - 508793	08/02/2024	EIE
13	R.M.K. Engineering College	2021	1. Pranoj.D.M 2. Mr. S. Aravind 3. Dr.BinuSukumar	3-D Print Surface Smoothing By Mechanical Smoothing Multi-Axis Probe	202141058739	16/12/2021	Granted Patent No - 519665	05/03/2024	Civil
14	R.M.K. Engineering College	2018	1. Dr. BinuSukumar 2. P. Ramshankar 3. V. Saran Kumar	Water pump monitoring system	201841049963	31/12/2018	Granted Patent No - 529815	22/03/2024	Civil
15	R.M.K. Engineering College	2018	1. Dr.S. Sambath	Graphical User Interface for Flaw Classification	201841049951	31/12/2018	Granted Patent No - 529815	09/04/2024	Mech
16	R.M.K. Engineering College	2021	1.Lokesh U 2.Jayender R 3.Parvathi Priya 4.Lalitha Ramachandran 5.S.Vijayakumar 6.Dr.SMeenakshi 7.Dr. M Meena 8.Dr. S. D. Uma Mageswari 9. Dr.S.Pavaimadheswari	Virtual mouse system using object detection	202141059518	20/12/2021	Granted Patent No - 541321	10/06/2024	SH
17	R.M.K. Engineering College	2018	1.Dr.T.V. Padmavathy 2.B.Rokesh 3.N.Naresh 4.H.Prem Kumar	Intelligent life saving system for human using UWB Antenna	201841049952	31/12/2018	Granted Patent No: 550564	19/09/2024	ECE
18	R.M.K. Engineering College	2018	1.T Suresh 2.N.M. JothiSwaroopan	Interactive voice enabled outdoor navigation system for visually impaired people	201841049953	31/12/2018	Granted Patent No: 552299	14/10/2024	ECE
			1.T. Suresh						

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19	R.M.K. Engineering College	2018	2.V. Diwakar 3.R. Hem Kumar Roa 4.ShabareNarayen	An IoT Enable Safety Door lock system	201841049961	31/12/2018	Granted Patent No: 552470	17/10/2024	ECE
20	R.M.K. Engineering College	2021	1.Mr.K Vijay Anand 2.Mr. Prabhu U 3.Ms. N. Nirmitha 4.Mr. Lokamithran 5.Mr. Mohammed Hasim 6.Dr. K. A. Mohamed Junaid 7.Dr.T. Ganeseakaran	Mini Robot for Medication adherence and monitoring for elderly Covid prevention by detecting mask and maintaining the social distance	202141059517	20/12/2021	Granted Patent No: 553295	28/10/2024	EIE
21	R.M.K. Engineering College	2021	1.Ashwin Kumaar R B 2.Avinash M 3.Balaji K 4.Sengottaiyan K 5.Dr.K.R Senthil Kumar	Design and Fabrication of Robotic Arm for Painting Operation	202141058736	16/12/2021	Granted Patent No: 554379	14/11/2024	Mech

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1	2017	Dr.Y. Sukhi	Dr.Y. Sukhi	Automatic Water Pouring In Grinder Using Relay Control	201741025265	17-07-2017	Published	18-01-2019	2019		EEE
2	2018	1.RMK Engineering College	J. Bharath Singh Dr.T.Gnanasekaran R. Rathni R. Sobana K. SwarnaPriya	Buddy StickFor Challenged PeopleWith Bus Identification	201841049954	31/12/2018	Published	03/07/2020	2020		EIE
3	2018	1.RMK Engineering College	Dr. GeethaRamadas N.M. JothiSwaroopan T. Magesh S. Syed ShahruqBasha S. Yohesh Y. Subash	Self-Maintenance lead acid battery for Life enhancement	201841049955	31/12/2018	Published	11/09/2020	2020		EEE
4	2019	1. Dr.B.Jaison	1. Dr.B.Jaison	Wireless Remote Security Management Server For IOT	201941041418	14/10/2019	Published	25/10/2019	2019		CSE
5	2019	1. Dr. T. Sethukarasi 2. Dr. Sandra Johnson 3. Dr. C. Geetha 4. Dr. B. Jaison 5. Dr. S. Selvi 6. Dr. A. Thilagavathy 7. Dr. Vincent Herald Wilson	1. Dr. T. Sethukarasi 2. Dr. Sandra Johnson 3. Dr. C. Geetha 4. Dr. B. Jaison 5. Dr. S. Selvi 6. Dr. A. Thilagavathy 7. Dr. Vincent Herald Wilson	Novel Method of M-IoT Based Blood Glucose Sensing Non-Invasive Technique	201941047523	21/11/2019	Published	29/11/2019	2019		CSE
6	2019	MEDELECT INSTRUMENTS LLP	K. S. Nivethitha P. Mythili V. Pandiselvi RJ Block, Room No. 207,GNT Road, RSM Nager, Kavaraipettai	An Automatic Intravenous Fluid Changer with a Automated Monitoring of Vital Signs	201941012154	28/03/2019	Published	02/10/2020	2020		EEE
7	2019	Mr. J. Umamageswaran	. Mr. J. Umamageswaran	Smart Healthcare Systems Integrating Internet-Of-Things And Cloud Computing	201941053876	26/12/2019	Published	03/01/2020	2020		IT
8	2020	1.Mr. M.P Karthikeyan 2.Mr. S Vijayakumar	1.Mr. M.P Karthikeyan 2.Mr. S Vijayakumar	An Approach For Empowering Edge Computing For Source Allocation Based Learning For Industrial IOT	202041023028	02/06/2020	Published	12/06/2020	2020		CSE
9	2020	Ms.Chandla Ellis	Ms.Chandla Ellis	IOT Based Intelligent Solar Water Heater	202041030263	16/07/2020	Published	07/08/2020	2020		EEE
10	2020	Ms. M.S. Kavitha	Ms. M.S. Kavitha	IoT Based Smart Wearable Social Distancing Alert System	202041042946	02/10/2020	Published	09/10/2020	2020		EEE
11	2020	R.M.K. Engineering College	Dr.R. Suresh Kumar Dr.M. MudhuKrishnana Dr.K. Senthil Kumar	Automatic Air Filling System For Automobiles	202041045228	16/10/2020	Published	22/04/2022	2022		Mech
12	2020	R.M.K. Engineering College	Dr.T.Sethukarasi Dr. B. Jaison	Universal IP Adapter	202041044207	10/10/2020	Published	15/04/2022	2022		CSE
13	2020	R.M.K. Engineering College	Ms.M. Aswini Dr.T.Suresh	Hybrid Communication For Interaction Between Blind,Deaf And Dumb.	202041045391	19/10/2020	Published	22/04/2022	2022		ECE
14	2020	R.M.K. Engineering College	Dr. Sandra Johnson Dr.T.Sethukarasi	Fish Freshness Detector Using IoT	202041044208	10/10/2020	Published	11/11/2022	2022		CSE
15	2020	R.M.K. Engineering College	Mr.P. Joysenselva Dr. BinuSukumar	Semi Automated Seed Sowing Machine	202041044199	10/10/2020	Published	11/11/2022	2022		CE
16	2020	R.M.K. Engineering College	Mr.K. Vijayanand Dr.T.Gnanasekaran	Catalytic Converter Efficiency Monitoring System	202041045390	19/10/2020	Published	22/04/2022	2022		EIE
17	2020	R.M.K. Engineering College	Dr. Y. Sukhi Dr. GeethaRamadas	Led Driver Having Long Lifespan	202041044203	10/10/2020	Published	11/11/2022	2022		EEE
18	2020	R.M.K. Engineering College	Dr. K.A. Mohamed Junaid Mr. G. Marimuthu Dr.T.Gnanasekaran	Smart On/Off Controller	202041044204	10/10/2020	Published	15/04/2022	2022		EIE
19	2020	Mr. J. Umamageswaran	Mr. J. Umamageswaran	Classification of Blood Cell using Multi and Hyper Spectral Images using Convolutional Neural Networks	202041026335	22/06/2020	Published	03/07/2020	2020		IT

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S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
20	2020	Mr.K.Chittibabu	Mr.K.Chittibabu	An Air Gesture Based System For Communicating Between Multiple Iot Devices	202041030653	31/07/2020	Published	31/07/2020	2020		IT
21	2020	Mr.P.Duraimurugan	Mr.P.Duraimurugan	Design Of Compression Machine For Effective Phase Change Of Rapid Auto Ignition	201941053865	03/01/2020	Published	03/01/2020	2020		Mech
22	2020	P. Latha	P. Latha	Electrode Skin Resistance Preventer For Wireless Cardiac Ecg Monitoring System	202041031914	25/07/2020	Published	21/08/2020	2020		ECE
23	2020	Ms. B. Sarala	Ms. B. Sarala	An Analytical Method For Health Risk Prediction Of A Patient's Health In Real Time Using Machine Learning	202041021783	24/05/2020	Published	05/06/2020	2020		ECE
24	2020	R.M.K. Engineering College	Dr.S. Joshua kumaresan	Intelligent tracking system for vehicles	202041045939	21/10/2020	Published	31/10/2020	2020		ECE
25	2021	Dr.T.Gnanasekaran	Dr.T.Gnanasekaran	3600 Cradle Sitter – A Toddler Monitoring System For Smart Cradle Using IoT And AI	202141006077	19/02/2021	Published	19/02/2021	2021		EIE
26	2021	Dr. MahaboobBasha S	Dr. MahaboobBasha S	Automated Pollution monitoring and controlling system to ensure safety inside closed air conditioned vehicles	202141004580	03/02/2021	Published	03/02/2021	2021		ECE
27	2021	1. P. Dhanalakshmi 2. SamridhhiProgrammecentre, R.M.K. Engineering College	1.P. Dhanalakshmi 2.Ms. R. Aishwarya 3.Ms. Hemamathi A 4.M.S. Hassitha 5.Gajapriya K 6. Dharshini V 7.Dr.K.A. Mohamed Junaid 8. Dr.N.M. JothiSwaroopan	Steel Fiber Reinforce Gypsum Panel	202141016660	08/04/2021	Published	12/04/2021	2021		CE
28	2021	1. D.Hariharan 2. R.Hariharan 3. Samridhhi Programme centre, R.M.K. Engineering College	1.D.Hariharan 2.R.Hariharan 3.Dr.T.Sethukarasi 4. Dr. C. Geetha 5. R. Harishkumar 6.Dr.K.A. Mohamed Junaid 7. Dr.N.M. JothiSwaroopan	Virtual Healthcare Assistance	202141013782	27/03/2021	Published	02/04/2021	2021		CSE
29	2020	Mr. J. Umamageswaran	Mr. J. Umamageswaran	Classification of Blood Cell using Multi and Hyper Spectral Images using Convolutional Neural Networks	202041026335	22/06/2020	Published	03/07/2020	2020		IT
30	2020	Mr.K.Chittibabu	Mr.K.Chittibabu	An Air Gesture Based System For Communicating Between Multiple Iot Devices	202041030653	31/07/2020	Published	31/07/2020	2020		IT
31	2020	Mr.P.Duraimurugan	Mr.P.Duraimurugan	Design Of Compression Machine For Effective Phase Change Of Rapid Auto Ignition	201941053865	03/01/2020	Published	03/01/2020	2020		Mech
32	2020	P. Latha	P. Latha	Electrode Skin Resistance Preventer For Wireless Cardiac Ecg Monitoring System	202041031914	25/07/2020	Published	21/08/2020	2020		ECE
33	2020	Ms. B. Sarala	Ms. B. Sarala	An Analytical Method For Health Risk Prediction Of A Patient's Health In Real Time Using Machine Learning	202041021783	24/05/2020	Published	05/06/2020	2020		ECE
34	2020	R.M.K. Engineering College	Dr.S. Joshua kumaresan	Intelligent tracking system for vehicles	202041045939	21/10/2020	Published	31/10/2020	2020		ECE
35	2021	Dr.T.Gnanasekaran	Dr.T.Gnanasekaran	3600 Cradle Sitter – A Toddler Monitoring System For Smart Cradle Using IoT And AI	202141006077	19/02/2021	Published	19/02/2021	2021		EIE
36	2021	Dr. MahaboobBasha S	Dr. MahaboobBasha S	Automated Pollution monitoring and controlling system to ensure safety inside closed air conditioned vehicles	202141004580	03/02/2021	Published	03/02/2021	2021		ECE
37	2021	1. P. Dhanalakshmi 2. SamridhhiProgrammecentre, R.M.K. Engineering College	1.P. Dhanalakshmi 2.Ms. R. Aishwarya 3.Ms. Hemamathi A 4.M.S. Hassitha 5.Gajapriya K 6. Dharshini V 7.Dr.K.A. Mohamed Junaid 8. Dr.N.M. JothiSwaroopan	Steel Fiber Reinforce Gypsum Panel	202141016660	08/04/2021	Published	12/04/2021	2021		CE

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38	2021	1. D.Hariharan 2. R.Hariharan 3. Samriddhi Programme centre, R.M.K. Engineering College	1.D.Hariharan 2.R.Hariharan 3.Dr.T.Sethukarasi 4. Dr. C. Geetha 5. R. Harishkumar 6.Dr.K.A. Mohamed Junaid 7. Dr.N.M. JothiSwaroopan	Virtual Healthcare Assistance	202141013782	27/03/2021	Published	02/04/2021	2021		CSE
39	2021	1. R.K.Sankamitra 2. Samriddhi Programme centre, R.M.K. Engineering College	1.R.K.Sankamitra 2.Ms.M.Vimala 3.SumathiSree. A 4. Vanitha K 5. Vishnu Priya K S 6.Dr.K.A. Mohamed Junaid 7. Dr.N.M. JothiSwaroopan	Smartphone ControlledEnd-Effector	202141016664	08/04/2021	Published	12/04/2021	2021		EEE
40	2021	1. Arun Kumar D 2. Samriddhi Programme centre, R.M.K. Engineering College	1. Arun Kumar D 2. Ms Annie Isabella L 3.S.Abhishek 4. Advaid.PAnoop 5.Dr.K.A. Mohamed Junaid 6. Dr.N.M. JothiSwaroopan	Precision Agriculture	202141013784	27/03/2021	Published	02/04/2021	2021		EEE
41	2021	1.Ravivarma.P 2. Samriddhi Programme centre, R.M.K. Engineering College	1. Ravivarma.P 2. Mr.A. FayazeAhamad 3.RakeshVibahar.R.M 4. Purusothaman.S 5. Vishnu Priya K S 6. Gurudevan.M 7.Dr.K.A. Mohamed Junaid 8. Dr.N.M. JothiSwaroopan	Hybrid Microgrid Optimization Using Homer Software	202141013783	27/03/2021	Published	02/04/2021	2021		EEE
42	2021	1.Udaya Kumar G 2. Samriddhi Programme centre, R.M.K. Engineering College	1. Udaya Kumar G 2.Ms.Anusha P 3.Vignesh M 4. Vignesh M 5.Dr.K.A. Mohamed Junaid 6. Dr.N.M. JothiSwaroopan	Cattle Monitoring System Using IOT	202141016663	08/04/2021	Published	12/04/2021	2021		ECE
43	2021	1.Bhavya D 2. SamriddhiProgrammecentre, R.M.K. Engineering College	1. Bhavya D 2. Mr. P. Gunasekhar 3.Harini S 4.Archana J 5.Dr.K.A. Mohamed Junaid 6. Dr.N.M. JothiSwaroopan	Agro Crop Recommendation Using Machine Learning	202141013786	27/03/2021	Published	02/04/2021	2021		ECE
44	2021	1.Ramya.G 2. Samriddhi Programme centre, R.M.K. Engineering College	1.Ramya.G 2. Dr.S. MahaboobBasha 3.Selvapriya M 4.Sushmitha G 5.Dr.K.A. Mohamed Junaid 6. Dr.N.M. JothiSwaroopan	Mems Sensor Based Duplex Communication For Recognizing Asl	202141016661	08/04/2021	Published	12/04/2021	2021		ECE
45	2021	1.Jayapriya YU 2. SamriddhiProgrammecentre, R.M.K. Engineering College	1. Ms.Jayapriya YU 2.Mr.Bharath Singh J 3.Monica R 4.Dr.K.A. Mohamed Junaid 5. Dr.N.M. JothiSwaroopan	LPG Gas Monitoring and Automatic Cylinder Booking	202141013787	02/04/2021	Published	02/04/2021	2021		EIE

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46	2021	1.Lokesh.M 2. Samridhi Programme centre, R.M.K. Engineering College	1. Lokesh.M 2. Mr.K.Muralidharan 3. Poojith.L.U 4. Rahul Akash.E 5.Dr.K.A. Mohamed Junaid 6. Dr.N.M. JothiSwaroopan	Trolley Encompassed Pesticide	202141016659	08/04/2021	Published	23/04/2021	2021		Mech
47	2021	1.Rajesh S 2.Sekar S D	Rajesh S Sekar S D	Preliminary Cooling Of Moulding Sand By Precooling Setup	202141016240	06/04/2021	Published	16/04/2021	2021		Mech
48	2021	1)Partheeban K 2)Ramesh P 3)Dr. S D Sekar 4)Rajesh S	1)Partheeban K 2)Ramesh P 3)Dr. S D Sekar 4)Rajesh S	Low-Cost Fatigue Test Rig	202141020063	01/05/2021	Published	11/06/2021	2021		Mech
49	2021	Mr.P.Duraimurugan	Mr.P.Duraimurugan	An Automated Number Plate Recognition System Using Image Processing Techniques	202141019985	07/05/2021	Published	07/05/2021	2021		Mech
50	2021	Dr.GeethaRamadas Ms.Perarasi M Ms.M. Vimala Mr. Alexander Jeevanantham Mr. K. Naresh Kumar Ms. A. Jenifer Ms.Sabari L UmamaheswariMs. Annie Isabella L Ms. E. Elakkia	Dr.GeethaRamadas Ms.Perarasi M Ms.M. Vimala Mr. Alexander Jeevanantham Mr. K. Naresh Kumar Ms. A. Jenifer Ms.Sabari L UmamaheswariMs. Annie Isabella L Ms. E. Elakkia	A Low-Cost Auto Tracking Solar Panel Cell Phone Charger	202141021932	15/05/2021	Published	15/05/2021	2021		EEE
51	2021	R. L. Sankarlal,	R. L. Sankarlal,	Multirotor Horizontal Wind Turbine	202141021169	11/06/2021	Published	11/06/2021	2021		Mech
52	2021	Rajesh S	Rajesh S	Differential And Motor Support For Formula SAE Electric Car	202140117917	19/04/2021	Published	30/04/2021	2021		Mech
53	2021	Sankarlal R L Mr.N.Mohanrajhu Dr.G.Mahendran Mr.K.Sengottaiyan Dr.G.Nixon Samuel Vijayakumar Dr. S. Karthikeyan	Sankarlal R L Mr.N.Mohanrajhu Dr.G.Mahendran Mr.K.Sengottaiyan Dr.G.Nixon Samuel Vijayakumar Dr. S. Karthikeyan	A Device To Fabricate Aluminium Alloy-6061 Using Tig Welding	202141027861	22/06/2021	Published	09/07/2021	2021		Mech
54	2021	Dr.A. Kadirvel	Dr.A. Kadirvel	A novel method integration of internal combustion engine with IoT Device	202141027861	27/06/2021	Published	09/07/2021	2021		Mech
55	2021	R.M.K. Engineering College	Ms.MPerarasi Mr. Alexander Jeevanatham Dr. GeethaRamadas ShaliniS,SwethaaPriyaS, BhanusreejaP,SivaSriya D	Design Of Smart Therapy Device For Bone And Muscle Healing	202141029945	03/07/2021	Published	06/01/2023	2023		EEE
56	2021	R.M.K. Engineering College	MR.T.Joel Dr.T.Suresh S.KANISHKA; R.KAVI; S. VIDHIYA	Web Application For Detection Of Blood Cancer Cells Using Deep Learning	202141029949	03/07/2021	Published	06/01/2023	2023		ECE
57	2021	R.M.K. Engineering College	Ms. S. Srijyanthi Dr. C. Geetha Dr.T.Sethukarasi R. SaiVignesh; P. Pranavaraaj; K.N. Gangaraju,	Smart Cane for Visually Impaired People	202141029948	03/07/2021	Published	06/01/2023	2023		CSE
58	2021	R.M.K. Engineering College	Dr.G.Mahendran Dr. K. Senthil Kumar ShathyaNarayanan.T, Sandeep. B.S, Sujithkumar.k	Analysis and experimental investigation of Tool wear resistance by cryogenic treatment	202141029951	03/07/2021	Published	06/01/2023	2023		Mech

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S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
59	2021	R.M.K. Engineering College	Dr.N.M. JothiSwaroopan Dr.T.Gnanasekaran Ms.B. Praveena Sandhiya.J ; Shakthipriya .D.G ; Sangavi.K	Automatic Access Control system using Deep Learning for COVID-19	202141029941	03/07/2021	Published	06/01/2023	2023		EIE
60	2021	R.M.K. Engineering College	Mr. S.P.Kanniyappan Dr. BinuSukumar Pranoj.D.M, MohanaKrishnan.A, Ruben Chakravarthy.B	Smart Movable Hydraulic Powered Wall	202141029947	03/07/2021	Published	06/01/2023	2023		CE
61	2021	R.M.K. Engineering College	Sneha Joseph Dr. T. Suresh Blessy. Y. M, E. Seethalakshmi	Novel Automated System For Lavatory Disinfection	202141029943	03/07/2021	Published	06/01/2023	2023		ECE
62	2021	R.M.K. Engineering College	Duraimurugan P Dr. K. Senthil Kumar Ranadheer G ; SaiVenkatRamanan R ; Sunil Kumar Bodi	Underwater robot: An enhanced tool for deep water exploration and retrieval of objects	202141029950	03/07/2021	Published	06/01/2023	2023		Mech
63	2021	R.M.K. Engineering College	Dr. C. Geetha Dr. T. Sethukarasi SaiVignesh R, Thejeshwar A B ; Tamilvendhan K	Neural Speech Through Brain Waves for Speech Impaired Persons	202141029944	03/07/2021	Published	06/01/2023	2023		CSE
64	2021	R.M.K. Engineering College	Dr.GeethaRamadas Ms.Annie Isabella L Mr.Y.AlexanderJeevanantham Abirami S, Geervani C R, Aarthi S, BeautlinDivya R	Automated Fish Feeder Using IOT Module	202141029942	03/07/2021	Published	06/01/2023	2023		EEE
65	2021	Mr. Sivakumar A Ms. Iyswariya.A Dr. Mahaboob Basha Mr. V. Ramkumar Mr. Vijaya Vardan Reddy SP	Mr. Sivakumar A Ms. Iyswariya.A Dr. Mahaboob Basha Mr. V. Ramkumar Mr. Vijaya Vardan Reddy SP	Automated Iris Recognition Based Authentication And Gender Classification Using Neural Network For Cyber Security Investigation	202141032061	16/07/2021	Published	30/07/2021	2021		ECE
66	2021	Ms.R.Pavaiyarkarasi	Ms.R.Pavaiyarkarasi	Cloud Based Secured Data Transmission Using Trapdoor Encryption	202141024812	03/06/2021	Published	11/06/2021	2021		ECE
67	2021	Ms.R.Pavaiyarkarasi	Ms.R.Pavaiyarkarasi	Detection Of Glaucoma Using Image Processing	202141026746	16/06/2021	Published	02/07/2021	2021		ECE
68	2021	Dr. Mahaboob Basha S Mr. Jagadeesh Babu S Ms. T.D. Subha Ms. Anusha P Ms. Rosaline S Mr. Vijaya Vardan Reddy SP Mr. V. Ramkumar	Dr. Mahaboob Basha S Mr. Jagadeesh Babu S Ms. T.D. Subha Ms. Anusha P Ms. Rosaline S Mr. Vijaya Vardan Reddy SP Mr. V. Ramkumar	Fpga Based Remote Smart Speaker For Agriculture System	202141032062	16/07/2021	Published	30/07/2021	2021		ECE
69	2021	Darwin Nesakumar A	Darwin Nesakumar A	Sensing And Detection Of Cracks And Obstacles On The Railway Line	202141036443	12-08-2021	Published	24/09/2021	2021		ECE
70	2021	S. ANITA	S. ANITA	PORTABLE SOLAR COAT FOR CHARGING ELECTRIC VEHICLE	202141045825	08/10/2021	Published				EEE
71	2021	K. BALA MAHESWAR	K. BALA MAHESWAR	SMART COLLEGE BELL AUTOMATION USING ARDUINO	202141045826	08/10/2021	Published				EEE
72	2021	R.M.K. Engineering College	Pari Yogeshwaran. S Mughilan. V Rahul. R Dr. B.Sarala, Dr. T. Suresh	Boundary Attentive System For Angler	202141058738	16/12/2021	Published & Exam Fee paid	04/02/2022	2022		ECE

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73	2021	R.M.K. Engineering College	Dharaneesvaran.D S.Gopinath L.Annie Isabella Y.Alexander Jeevanantham Dr.Geetha Ramadas	Continuous Power Supply From Solar Panel By Using IRLLED Lights	202141058741	16/12/2021	Published & Exam Fee paid	04/02/2022	2022		EEE
74	2021	R.M.K. Engineering College	Sam Bennyhinn Hongton K Sandeep R Sakthivel M R.Suresh kumar Dr.K.R Senthil Kumar	Automatic tyre pressure Inflation system	202141058740	16/12/2021	Published & Exam Fee paid	04/02/2022	2022		Mech
75	2021	R.M.K. Engineering College	Arul Shankar B Dhananjayan G K Dr. M. Usha Rani Dr.BinuSukumar	Development of Alloy based Binding wire to act as a Sacrificial anode to prevent corrosion in R.C.Structures	202141058742	16/12/2021	Published & Exam Fee paid	04/02/2022	2022		CE
76	2021	R.M.K. Engineering College	Mr.K Vijay Anand A. Anto Nobel M. Arun Kumar Dr. K. A. Mohamed Junaid Dr.T. Ganeseakaran	AI Based Image Processing System for Tracking and Monitoring the Health and status of Animals	202141059519	20/12/2021	Published & Exam Fee paid	04/02/2022	2022		EIE
77	2021	R.M.K. Engineering College	K. Bhavathy P. Keerthi Dr. T. Magesh Dr.P. Kavitha Dr.Geetha Ramadas	Bionic Eye- Visual Cortical Prosthesis System	202141058735	16/12/2021	Published & Exam Fee paid	04/02/2022	2022		EEE
78	2021	Ms. T.D.Subha	Ms. T.D.Subha	Real Time and Effective High Speed Data Acquisition System in IOT Environment Using WSN	202141062284	31/12/2021	Published	04/02/2022	2022		ECE
79	2021	1 . Dr. B.Jaison 2 . Dr. R. Dhanalakshmi 3 . Mr. S. Vijayakumar 4 . Ms. S. Srijayanthi 5 . Mr. V. Vijayabhaskar 6 . Ms. Sharmila Bhargavi 7 . Dr. S. Meenakshi 8 . Ms. S. Jhansi Ida	1 . Dr. B.Jaison 2 . Dr. R. Dhanalakshmi 3 . Mr. S. Vijayakumar 4 . Ms. S. Srijayanthi 5 . Mr. V. Vijayabhaskar 6 . Ms. Sharmila Bhargavi 7 . Dr. S. Meenakshi 8 . Ms. S. Jhansi Ida	METHOD FOR DETECTION OF LIVER CANCER FROM COMPUTERIZED TOMOGRAPHY IMAGES USING CONVOLUTION NEURAL NETWORK	202141033470	7/26/2021	Published	06/08/2021	2021		CSBS
80	2021	Dr. A.Kadirvel	Dr. A.Kadirvel, Dr.M.S.Senthil Kumar etal.,	A Novel Method - Integration of Internal Combustion Engine with IoT Device	2021141028823	27/06/2021	Published	07/07/2021	2021		Mech
81	2021	R. L. Sankarlal, D.	R. L. Sankarlal, G.Mahendran	Autonomous Terrain Maintainer for Water Bodies 202141056359 A & 04/12/2021	202141056359	04/12/2021	Published	10/12/2021	2021		Mech
82	2021	Mr.C.Jeyabalan	Mr.C.Jeyabalan	Composite LPG Cylinder using GFRP with Al alloy matrix	202141025442A	06.6.2021	Published	25/05/2021	2021		Mech
83	2021	PARTHEEBAN K Address of Applicant :Assistant Professor, R.M.K. Engineering College, RSM Nagar, Kavaraipettai - 601206. Tamil Nadu India	1)VELMURUGAN N 2)CHANDRAN SARAN M 3)LISANRAJ V 4)GOWTHAM C S 5)PARTHEEBAN K 6)RAJESH S 7)KAMALESHWARAN P S 8)MANOJ KUMAR C 9)RAHUL R 10)VISHINU S	DIFFERENTIAL AND MOTOR SUPPORT FOR ELECTRIC FORMULA RACE CARS	202141017917 A	19/04/2021	Published	30/04/2021	2021		Mech

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S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
84	2021	1)Mr. LOGANATHAN N Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRICAL AND ELECTRONICS, SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY, KUNIAMUTHUR, COIMBATORE - 641008	RAJESH S Address of Applicant : ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, R. M.K. ENGINEERING COLLEGE, KAVARAIPETTAI.	AUTONOMOUS FIRE FIGHTING ROBOT	202141037496 A	18/08/2021	Published	24/09/2021	2021		Mech
85	2021	RAJESH S Address of Applicant :No - 6/7, Pavendhar Street, NGO Nagar, Ponneri - 601204	Mr. S. Rajesh Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	AUTOMATIC UNMANNED RAILWAY LEVEL CROSSING GATE	202141047926 A	21/10/2021	Published	29/10/2021	2021		Mech
86	2021	RAJESH S Address of Applicant :No - 6/7, Pavendhar Street, NGO Nagar, Ponneri - 601204	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	AUTOMATIC HEADLAMP CONTROL SYSTEM	202141047301 A	19/10/2021	Published	29/10/2021	2021		Mech
87	2021	1)Ananthi Kaliyamoorthy Address of Applicant :2/386B, Sri Balaji Garden, Premier Nagar, ----- ----- 2)Mr. R. Balamurugan	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	INTELLIGENT ARTIFICIAL INTELLIGENCE AND IOT POWERED EFFICIENT ENERGY MONITORING ARCHITECTURE FOR THE SMART GRID SYSTEM	202141049814 A	30/10/2021	Published	12/11/2021	2021		Mech
88	2021	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206 Mr. K. N. V. Satyanarayana Address of Applicant :Assistant Professor, Department of Electronics and Communication Engineering, S. R.K.R. Engineering college, Bhimavaram, Andhra Pradesh - 534204. ----- ----- Dr. B. V. D. S. Sekhar Address of Applicant :Associate Professor, Department of Information Technology, S.R.K.R. Engineering college, Bhimavaram, Andhra Pradesh - 534204. ----- ----- S. Rajesh Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	AUTOMATED PINEAPPLE PEELING MACHINE USING PNEUMATIC SOLENOID VALVE	202141051121 A	:08/11/2021	Published	26/11/2021	2021		Mech

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S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
89	2021	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	Mr. S. Madhankumar Address of Applicant :Assistant Professor, Department of Mechatronics Engineering, Sri Krishna College of Engineering and Technology, Kuniamuthur, Coimbatore – 641008. ----- 2)Dr. R. Arun Chakravarthy Address of Applicant :Associate Professor, Department of Information Technology, KGISL Institute of Technology, Saravanampatti, Coimbatore - 641035 ----- S. Rajesh Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai – 601206	DISASTER RELIEF VEHICLE USING ROCKER BOGIE MECHANISM	202141051954 A	23/11/2021	Published	03/12/2021	2021		Mech
90	2021	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	Mr. S. Madhankumar Address of Applicant :Assistant Professor, Department of Mechatronics Engineering, Sri Krishna College of Engineering and Technology, Kuniamuthur, Coimbatore – 641008. ----- 2)Mr. UDDARAJU R PRASAD VARMA Address of Applicant :Assistant Professor, Department of Mechanical Engineering, Sagi Ramakrishnam Raju Engineering College, Bhimavaram, Andhra Pradesh – 534204" 3)Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206"	L-TYPE BI-DIRECTIONAL ROLLER CONVEYORS FOR GLASS HAULING IN PRODUCTION INDUSTRIES	202141054023 A	23/11/2021	Published	10/12/2021	2021		Mech
91	2021	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	METHOD FOR CREATING COVER BLOCKS FOR REINFORCED STEEL INSERTION USING SMART MATERIALS (SCRAP PLASTICS AND FLY ASHES)	202141054029 A	23/11/2021	Published	10/12/2021	2021		Mech
92	2021	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	NIGHT VISION PATROLLING ROBOTIC INTELLIGENT FRAMEWORK UTILIZING CLOUDBASED INTERNET OF THINGS	202141054349 A	23/11/2021	Published	10/12/2021	2021		Mech

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S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
93	2021	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	INTELLIGENT AGRICULTURE SYSTEM TO ASSIST FARMERS IN CHOOSING BETTER DECISIONS USING DATA SCIENCE	202141055031 A	23/11/2021	Published	10/12/2021	2021		Mech
94	2021	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	Mr. Rajesh S Address of Applicant :Assistant Professor, Department of Mechanical Engineering, R.M.K. Engineering College, Kavaraipettai - 601206	AN INTELLIGENT TECHNOLOGY TO MITIGATE TWO-WHEELER ACCIDENTS	202141055392 A	23/11/2021	Published	10/12/2021	2021		Mech
95	2021	R.M.K. Engineering College	Ms T D Subha, Mr V Ramkumar, Mr S P Vijaya Vardan Reddy, Ms V Femina, Ms K Dhivya, Mr S Jai Ganesh, Ms V Kannagi, Mr K Naresh Kumar Thapa, Dr P Ponmurugan	IOT based automatic water clarity measurement system powered by solar cells	202141020761	07/05/2021	Published	11/06/2021	2021		ECE
96	2021	R.M.K. Engineering College	B.JEYAPOORNIMA, J.JOSELIN JEYA SHEELA, S.JAYANTHI, D. KALAISELVI, T.TAMIL SELVI, Dr. ARUN.A, Dr. C R BHARATHI, Ms. T.D. SUBHA, Mrs. BHUVANESWARI V, Dr. MAHABOOB BASHA S	Design Of Defeated Ground Structured Fermi Tapered Antenna For Future Generation Communication	202141043331	24/09/2021	Published	05/11/2021	2021		ECE
97	2021	R.M.K. Engineering College	Dr.T.Sethukarasi, Dr.C.Geetha, Dr.Sandra Johnson, Ms.SD Lalitha, Ms.AnushaSanampudi, Ms.A.Jasmine Gilda	Multiple sensor data fusion enabled AI based emotion identification system	202141030288	06-07-2021	Published	16/07/2021	2021		CSE
98	2021	R.M.K. Engineering College	Dr.S.Thanga Ramya, Dr.T. Sethukarasi, Dr. Sandra Johnson, Dr.B.Jaison, Dr.C. Geetha, Dr R.Dhanalakshmi, A. Jasmine Gilda, T. Sumitha	Novel Private Framework Design For Content Based Image Retrieval in Cloud Computing	202141041832	16/09/2021	Published	01-10-2021	2021		CSE
99	2021	R.M.K. Engineering College	Dr.P.Kavitha, Mr.M.P. Karthikeyan, Ms.N.Banupriya, Ms.Jasmine Gilda, Ms.Divya J, Ms.T.Sumitha, Ms.S.Sivagami	Smart body Cam for Domestic Violence reduction system	202141032063	16/07/2021	Published	30/07/2021	2021		CSE
100	2021	R.M.K. Engineering College	A.Thilagavathy, Dr.S.Selvi, Dr.R. Dhanalakshmi, Dr.T.Ramesh, Ms.S.D.Lalitha, Ms.Anusha Sanampudi, Ms.L.Raji	Iris-based Fingerprint based voting system via IOT Monitoring	202141019604	29-04-2021	Published	07-05-2021	2021		CSE
101	2021	Dr. A. Thilagavathy, Mr. V. Vijayabhaskar, Ms. Ilampiray, Ms. C. Anitha, Ms. S. Kirupavathi, Mr. J. Umamageswaran, Ms. R. Rajitha Jasmine , Mr. K. Kirubakaran, Ms. A. Aarthi	Dr. A. Thilagavathy, Mr. V. Vijayabhaskar, Ms. Ilampiray, Ms. C. Anitha, Ms. S. Kirupavathi, Mr. J. Umamageswaran, Ms. R. Rajitha Jasmine , Mr. K. Kirubakaran, Ms. A. Aarthi	Machine Learning based Plant Disease detection for Agriculture Safety	202141057273	09/12/2021	Published	17/12/2021	2021		IT
102	2022	R.M.K. Engineering College	Logeshwaran M J. Joselin Jeya Sheela Parvathi Priya A Dr. Meena M Dr. S. D. Uma Mageswari Dr.S. Pavaimadheswari	Development of Plant Health Monitoring and Irrigation System	202241003715	22/01/2022	Published & Exam Fee paid	25/03/2022	2022		SH

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103	2022	R.M.K. Engineering College	T. Arulmurugan Dr. Suganthi P Dr. Jagadesan A Dr. Meena M Dr. S. D. Uma Mageswari Dr.S. Pavaimadheswari	Ultrasonic Blind Stick Using Arduino Nano	202241003716	22/01/2022	Published & Exam Fee paid	25/03/2022	2022		SH
104	2022	R.M.K. Engineering College	Mr.Kartikey Mishra Mr.Nirmal S Mr. Enneth Abraham Dr. S.Selvi Dr. S. Ramya Dr. R. Subhashini Dr. G. Nixon Samuel Vijayakumar Dr. A. Vijayalakshmi Dr. Santhi M George Dr. S. Pavai Madheswari	COVID PROTOCOL MANAGEMENT SYSTEM	202241019809	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		SH
105	2022	R.M.K. Engineering College	Mr.Thanga Dhiwan V Ms.Iyswariya A Mr.Rajaraman R Dr. A. Vijayalakshmi Dr. M. Meena Dr.S.D.Uma Mageswari Dr. S. Pavai Madheswari	ROBOTIC ARM USING ARDUINO IN CONSTRUCTION WORK	202241019797	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		SH
106	2022	R.M.K. Engineering College	Mr.Chaaru Viswas S Dr. Suganhti P Dr. Meena M Dr. Jagadesan A Dr. S. Pavai Madheswari	AUTOMATED SOCIAL DISTANCE MONITOR THROUGH MESSAGE INTIMATION AND TRANSFER	202241019800	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		SH
107	2022	R.M.K. Engineering College	Mr.Ananda Raja T Mr. Deepak Raj G Dr.Meenakshi Dr. S. Pavai Madheswari	AUTOMATIC IoT BASED HANDSANITIZER DISPENSER & THERMAL INDICATION WITH PARTICIPATION CHECKER	202241019806	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		SH
108	2022	R.M.K. Engineering College	Mr.Manoj Kumar R Ms.Lalitha Ramachandran Dr.Meenakshi Dr. S. PavaiMadheswari	COVID-19 PANDEMIC ANXIMETER USING ARDUINO	202241019801	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		SH
109	2022	R.M.K. Engineering College	Ms.Nivedhitha D P Ms.Madhumitha G Ms.Janani Sri J Ms.Latha Mageshwari P S Ms.Radhika S Dr.D.Sudha Dr.Santhy M George Dr.J.Anto Pradeep Dr.A.Jagadesan Dr .Pavai Madheswari S	SMART ATTENDANCE SYSTEM	202241019799	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		SH
110	2022	R.M.K. Engineering College	Dr. G Nixon Samuel Vijayakumar Dr. D Sudha Dr. Santhi M George Dr. P.S. Latha Mageshwari Dr. A Jagadesan Dr. J Anto Pradeep Mr. V Vijayabaskar Dr .Pavai Madheswari S	SOLAR BASED SMART FIRST AID KIT DISPENSER BOOTH IN CASE OF ACCIDENTS IN NATIONAL HIGHWAYS	202241019804	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		SH

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111	2022	R.M.K. Engineering College	Dr. Sandra Johnson Ms. D M Divya Mr.Puneeth Ram P Ms.Shree Varshan B Ms.M. Shafee Ur Rehman Mr.B. Yashwant	WOMEN SAFETY WEARABLE DEVICE USING SPEECH EMOTION RECOGNITION AND IOT	202241019796	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		ADS
112	2022	R.M.K. Engineering College	P. M. Abhishek Dr. K. Chidambarathanu Dr .K.A Mohamed Junaid	AUTOMATED RAILWAY TICKET EXAMINATION USING BIOMETRIC AUTHENTICATION	202241019811	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		CSBS
113	2022	R.M.K. Engineering College	Mr.Hareesh Rajendran Mr.Vankandaru Leela Sathvika Dr.A.Thilagavathy Dr.T.Sethukarasi	ACCESSIBILITY CONTROL WITH GESTURE DETECTION	202241019802	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		CSE
114	2022	R.M.K. Engineering College	Mr.Akash Raj.J Mr.Aadhithya S B Mr.Deepak.N Mr.Dharankumar.N Ms.A.Jenifer Dr.S.Vijayalakshmi Dr.Geetha Ramadas	ACCELERATE RECOGNITION PEN	202241019795	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		EEE
115	2022	R.M.K. Engineering College	Mr.Ajaykumar R Mr.Abishek S Mr.Chandrasekar M M Mr.Bharath R Dr.Y. Sukhi Dr. T Magesh, Dr.Geetha Ramadas	WATER TANK ELECTRICITY GENERATOR	202241019798	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		EEE
116	2022	R.M.K. Engineering College	Mr.Gopalakrishnan. A Mr.Tharun Kumar. A Mr.Thilak. S.M. Ms.Priyadarshini Ms.Pravaeena Dr.N.M. Jothi Swaroopan Dr. T.Ganesekartan	AFFORDABLE UAV FERTILIZER DISTRIBUTOR	202241019808	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		EIE
117	2022	R.M.K. Engineering College	Ms.S.Bhoommikha Ms.K.Kaviya Ms.Selvalakshmi Ms.Prvaeena Mr.J.Barath Singh Dr.N.M. Jothi Swaroopan Dr. T.Ganesekartan	ANTI-SNOOZE DEVICE	202241019807	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		EIE
118	2022	R.M.K. Engineering College	Logeshwaran M J. Joselin Jeya Sheela Parvathi Priya A Dr. Meena M Dr. S. D. Uma Mageswari Dr.S. Pavaimadheswari	IOT BASED REAL-TIME WINE ANALYSING SYSTEM FOR HOME BREWERS	202241019803	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		ECE
119	2022	R.M.K. Engineering College	Mr. Rahul. R Mr Pari Yogeshwaran. S Ms.Joselin Jeyasheela Dr. B.Sarala Dr.T.Suresh Dr.Jasmine Hephzipah	PUFFER BAG For BRIDGE ACCIDENT	202241019805	31/03/2022	Published & Exam Fee paid	13/05/2022	2022		ECE
120	2022	R. Pavaiyarkarasi Ms. T.D.Subha	R. Pavaiyarkarasi Ms. T.D.Subha	A Portable Assistive device for Blind, Dumb and Deaf people Using AI	202241008444	17/02/2022	Published	25/02/2022	2022		ECE

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S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
121	2022	Dr.S.Joshua Kumaresan Ms. T.D.Subha	Dr.S.Joshua Kumaresan Ms. T.D.Subha	AI and IoT based Smart Energy and power management system by using Rasperry pi	202241002720	17/01/2022	Published	28/01/2022	2022		ECE
122	2022	Ms. T.D.Subha	Ms. T.D.Subha	An Embedded Low Cost Robot for Detecting Alive Human Present Operations	202241007776	14/02/2022	Published	18/02/2022	2022		ECE
123	2022	Ms. T.D.Subha	Ms. T.D.Subha	Field Programmable Gate Arrays (FPGAs) based Ethernet Bridge for (OFC) Optical-Fiber-Communication	202241007441	11/02/2022	Published	04/03/2022	2022		ECE
124	2022	Dr.T.Blesslin Sheeba Ms. T.D.Subha	Dr.T.Blesslin Sheeba Ms. T.D.Subha	Internet of Things, Embedded based Cloud- Agent device for Infant mortality Syndrome Observing and Investigation using ML	202241004202	25/01/2022	Published	04/02/2022	2022		ECE
125	2022	P. LATHA Ms. T.D.Subha	P. LATHA Ms. T.D.Subha	IoT based Intrusion Discovery and Filtering System by Using Rasperry-Pi	202241001811	12/01/2022	Published	28/01/2022	2022		ECE
126	2022	Ms. T.D.Subha	Ms. T.D.Subha	Microcontroller Controlled Robot Arm for Paint Spraying	202241003732	22/01/2022	Published	04/02/2022	2022		ECE
127	2022	T.D.Subha	T.D.Subha	VLSI Based Impulse Noise Cancellation to Enhance the Image Quality Visually	202241001140	08/01/2022	Published	04/02/2022	2022		ECE
128	2022	Dr.Dinesh Anton Raja P	Dr.Dinesh Anton Raja P	Compact Planner antenna for high-speed communication	202241001139	08/01/2022	Published	04/02/2022	2022		ECE
129	2022	Mr. T Joel Ms. T.D.Subha	Mr. T Joel Ms. T.D.Subha	Internet of Things (IoT) and wireless based Electronic-Shopping Cart System	202241005483	01/02/2022	Published	11/02/2022	2022		ECE
130	2022	Mr. V.Ramkumar	Mr. V.Ramkumar	Smart Intrusion Discovery Systems using ML for Cyber Threats in IoT- Networks	202241006147	04/02/2022	Published	11/02/2022	2022		ECE
131	2022	Mr. Vijaya Vardan Reddy SP	Mr. Vijaya Vardan Reddy SP	Artificial Intelligent Based WSN in Traffic- Monitoring by using Spherical-Grid-Routing-Protocol	202241006543	07/02/2022	Published	11/02/2022	2022		ECE
132	2022	Mr.Darwin Nesakumar A	Mr.Darwin Nesakumar A	A Multi-Stage based Combining-Feature-Selection with ML method for Higher Prediction of Heart related Diagnosis	202241007446	11/02/2022	Published	04/03/2022	2022		ECE
133	2022	Ms.A.Iyswariya	Ms.A.Iyswariya	A Smart Double C-Shaped Wearable Antenna by using Metamaterial for Dual-band-Applications	202241007995	15/02/2022	Published	25/02/2022	2022		ECE
134	2022	Dr. Mahaboob Basha S	Dr. Mahaboob Basha S	Improvised- Protector for Automated Vehicle Security System using AI and CNN	202241007442	11/02/2022	Published	04/03/2022	2022		ECE
135	2022	R.M.K. Engineering College	Y.SUKHI S.ANITA A JENIFER M S KAVITHA FAYAZ AHAMED A E ELAKKIA L ANNIE ISABELLA CHANDLA ELLIS BALA MAHESWARI K CH BHAVANA SWETHA H M KEERTHI ANUSHA T	Web Based Smart Mailbox System	202241014947	17/03/2022	Published	25/03/2022	2022		EEE

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S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
136	2022	R.M.K. Engineering College	ANNIE ISABELLA L E ELAKKIA Y SUKHI CHANDLA ELLIS S ANITA M S KAVITHA FAYAZ AHAMED A A JENIFER BALA MAHESWARI K S DEEPTHI POOJA R DIPSHIKA R HARINI Y A AAFRIN	Smart Assistive System for Paralyzed People using Intelligent Wheelchair	202241014946	17/03/2022	Published	25/03/2022	2022		EEE
137	2022	R.M.K. Engineering College	Dr Elwin Chandra Monie Dr T Suresh	An Assistive Device for Speech Impaired Persons to Communicate Better	202241053326	18/09/2022	Published	23/09/2022	2022		ECE
138	2022	Mrs.S. Anusuya	1)Mrs.S. Anusuya 2)Ms. Sridevi. E. Krishnamurthy 3)Dr. Shaik Javed Parvez 4)Dr. R. Rameshbabu 5)Dr. S. Joshua Kumaresan 6)Mr. Karthik Sai Reddy Mereddy 7)Aryan Bjupathi 8)Mr. S. Poorna Chander Rao 9)Mr. Vittam Rakesh 10)Mr. J. Tamil Selvan 11)Ms. V. Vidhyasree 12)Dr. Jose Anand	Document Classification using Artificial Intelligence	202241052791 A	9/15/2022	Published	23-09-2022	2022		ECE
139	2022	R.M.K. Engineering College	Dr. P. Umaeswari, Dr. S.D. Uma Mageswari, Dr. M. Meena Gnanesh S S	Advances in Internet of Things (IoT) Network Security through Automated Device Identification	202241059311	10/17/2022	Published	28.10.2022	2022		CSBS
140	2022	R.M.K. Engineering College	Shri. R.M.Kishore Dr. K. A. Mohamed Junaid Dr. V. Srinivasan Dr. S Pavai Madheswari Mr. S. Prakash	Artificial Intelligence (AI) enabled Secured Examination Planning System	202241063498	07/11/2022	Published	18/11/2022	2022		ECE
141	2022	R.M.K. Engineering College	Dr.Sethukarasi T Dr. Jaison B Leelavathi V Meharunissa R Nivedita V	Brainy Bin	202241063494	07/11/2022	Published	18/11/2022	2022		CSE
142	2022	R.M.K. Engineering College	Dr.Jaison B Dr.Sethukarasi T Anjali Jha G BhattiproluManasavalli Harini P Haritha S	Unique Package Shipment	202241063495	07/11/2022	Published	18/11/2022	2022		CSE
143	2022	R.M.K. Engineering College	M.Yashwantha Kumar P.Vijay Bhagavathi Dr.Binu Sukumar Ms. Hemamathi.A	Building Block from Plastic Waste using 3D Printing Technology	202241063496	07/11/2022	Published	18/11/2022	2022		CE
144	2022	R.M.K. Engineering College	Praveenkumar S Santhosh Sivan M Nithishwar G Ms. Jeya Poornima B Dr T.Suresh	Energy Harvesting and Management from Ambient RF Radiation	202241063493	07/11/2022	Published	18/11/2022	2022		ECE

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S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
145	2022	R.M.K. Engineering College	Dr.M.Sheerin Banu Anboli M Mohan Kumar U Surendar S	Automatic and Manual Cleaning Bot using Android Application	202241063491	07/11/2022	Published	18/11/2022	2022		IT
146	2022	R.M.K. Engineering College	M.Maadhavan C.Karthick K.Nithish Kumar Dr.M.S.Kavitha Mr.M.Thiyagesan Dr.T.Magesh Dr. Geetha Ramdas	IoT Based Smart Billing and Direction controlled Trolley	202241063497	07/11/2022	Published	18/11/2022	2022		EEE
147	2022	1. R.M.K. Engineering College 2. RMKEC AICTE Idea Lab	Prathiksha R Keerthana M MohanaPriya D Ms.Vimala M Dr.P.Kavitha Ms.Sabari L Umamaheswari Mr. K.Nareshkumar Dr. Geetha Ramdas	Design And Implementation Of Data Acquisition System For 100W Panel	202241063492	07/11/2022	Published	18/11/2022	2022		EEE
148	2022	1. R.M.K. Engineering College 2. RMKEC AICTE Idea Lab	V.Abishek Raam T.Anbu Selvan R.Gokulnath Mr.K.Sengottaiyan Dr.K.R. Senthil Kumar	Coconut Dehusking Machine	202241069251	30/11/2022	Published	23/12/2022	2022		Mech
149	2022	R.M.K. Engineering College	Ashwin Kumaar R B Avinash M Balaji K Mr.Sengottaiyan K Dr.K.R. Senthil Kumar	FEA Analysis And Experimental Investigation Of Composite Frame For Bicycle	202241069250	30/11/2022	Published	23/12/2022	2022		Mech
150	2022	R.M.K. Engineering College	Dr.M.SheerinBanu M.Rekha BrindhaJaiganesh Angayarkanni R Monisha S	IoT Based Covid-19 Patient Monitoring System	202241069299	30/11/2022	Published	30/12/2022	2022		IT
151	2022	1 . Dr. Binu Sukumar 2 . Dr. A. Hemamathi	Dr.Binu Sukumar Dr.A.Hemamathi	A PORTABLE PRESSURE MEASURING DEVICE TO MONITOR LATERAL PRESSURE OF FRESH CONCRETE ON FORMWORK	202241047403	19.08.2022	Published	26.08.2022	2022		CE
152	2022	Dr. P. Umaeswari	1. Dr. K. KARTHIKEYAN 2. MOHD FAIZAAN KHAN 3. Dr. RASHMI JHA 4. Dr.MANOJKUMAR.J 5. Divyansh Khatri 6. Dr. P. Umaeswari 7. Dr. Nethra Subramanya 8. Dr R Akila 9. Dr.N.Padmavathy 10. Lt Sachin A. Palande 11. Dr. K.Sivaperumal 12. Dr. Harikumar Pallathadka	An investigation into how artificial intelligence techniques are being used in the financial and marketing sectors	202241061016	10/26/2022	Published	18/11/2022	2022		CSBS

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S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
153	2022	1 . Dr. Sonali Saha 2 . Dr. Amol Gawande 3 . Dr. Arpit Trivedi 4 . Mr . Sankalp Dandawate 5 . Dr. Rachana Saxena 6 . Ms.SAJITHA.L.P 7 . Dr. Manohar Lal 8 . Prof. Vidya Fakira Surve 9 . Mr. Srinivasan Vishwanath 10 . Dr. Shridhar N. Mathad 11 . Dr. K.Sivaperumal 12 . Dr. Harikumar Pallathadka	1 . Dr. Sonali Saha 2 . Dr. Amol Gawande 3 . Dr. Arpit Trivedi 4 . Mr . Sankalp Dandawate 5 . Dr. Rachana Saxena 6 . Ms.SAJITHA.L.P 7 . Dr. Manohar Lal 8 . Prof. Vidya Fakira Surve 9 . Mr. Srinivasan Vishwanath 10 . Dr. Shridhar N. Mathad 11 . Dr. K.Sivaperumal 12 . Dr. Harikumar Pallathadka	E-LEARNING BASED HYBRID TRAINING FOR EDUCATION AND MANAGEMENT SYSTEM MODEL	202221064916	12/11/2022	Published	18/11/2022	2022		CSBS
154	2022	Mr. K. Naresh kumar Thapa	Mr. K. Naresh kumar Thapa	AI based Gas detection and prevention device using microcontroller and zigbee approach	202241007199	10.02.2022	Published	18.02.2022	2022		ECE
155	2022	Ms. K. Jeevitha	Ms. K. Jeevitha	Implementation of MIMO Antenna for 5G Systems using Complimentary Split Ring Resonators	202241021627	11.04.2022	Published	22.04.2022	2022		ECE
156	2022	Ms. B. Jeya Poornima	Ms. B. Jeya Poornima	IOT based secured and energy efficient routing protocols using wireless sensor networks	202241007993	15.02.2022	Published	25.02.2022	2022		ECE
157	2022	Dr.R.S.Ganesh	Dr.R.S.Ganesh	CONVOLUTIONAL NEURAL NETWORK BASED VEHICLE COMMUNICATION SYSTEM OVER A HYBRID SPECTRUM AND METHOD THEREOF	202241057602	07.10.2022	Published	14.10.2022	2022		ECE
158	2022	Mrs.Sneha Joseph	Mrs.Sneha Joseph	IOT BASED AGRI ROBOTIC HANDS FOR PLUCKING UNDER GROUND CROPS & AUTOMATIC SPRAYING	202241059570	18.08.2022	Published	28.10.2022	2022		ECE
159	2022	Mr. M. Shyam	Mr. M. Shyam	Intelligent E-Vehicle Charging Station Based on Internet of Things	202241067745	24.11.2022	Published	23.12.2022	2022		ECE
160	2022	1)Dr. Shilpa Bhakar 2)Dr. V. Kannan 3)A Vijayalakshmi 4)Dr.S.D. Uma Mageswari 5)Dr . M. Meena 6)Dr. Pravin Nandkishor Totala 7)Dr. Rakesh Jaychand Motiyani 8)Dr. Harshal Gunvantrai Vashi 9)Dr. Kavitha Desai 10)Dr. Gangu Naidu Mandala	1)Dr. Shilpa Bhakar 2)Dr. V. Kannan 3)A Vijayalakshmi 4)Dr.S.D. Uma Mageswari 5)Dr . M. Meena 6)Dr. Pravin Nandkishor Totala 7)Dr. Rakesh Jaychand Motiyani 8)Dr. Harshal Gunvantrai Vashi 9)Dr. Kavitha Desai 10)Dr. Gangu Naidu Mandala	DEVICE FOR ANALYSIS OF MARKET COMMUNICATION IN TOURISM	202221009290 A.	22/02/2022	Published	01/04/2022	2022		SH
161	2022	Dr. S. Meenakshi Mr. V. Vijayabhaska	Dr. S. Meenakshi Mr. V. Vijayabhaska	IoT application for monitoring current, voltage and temperature in a three-phase induction motor	202241008566	18/02/2022	Published	04/03/2022	2022		SH
162	2022	Dr. S. Meenakshi - Applicant/Inventor 1	Dr. S. Meenakshi - Applicant/Inventor 1	Automatic Safe Healthcare Management system for helping Patients better during and Beyond Cancer Treatment using Machine Learning	202241022832	18/4/2022	Published	13/05/2022	2022		SH
163	2022	R.M.K. Engineering College (Personal)	Dr.M.Meena Dr.S.D. Uma MageswariA Dr.V.Srinivasan Dr.A.Vijayalakshmi Dr.P.Balaramesh Mrs. A.Parvathi Priya Dr.R.Thinesh kumar Ms. P.Malini Anand Raj	Biomaterial infused chitosan beads for the effective removal of oil and heavy metal ions from industrial effluents	202241015079 A.	19/03/2022	Published	08/04/2022	2022		SH
164	2022	1 . Dr. S. ANITA EVELYN 2 . Ms. M. RUBITHA 3 . Ms. R. JEYALAKSHMI 4 . MS. M. HAJIRA IRFANA 5 . Ms. R. VALARMATHI	1 . Dr. S. ANITA EVELYN 2 . Ms. M. RUBITHA 3 . Ms. R. JEYALAKSHMI 4 . MS. M. HAJIRA IRFANA 5 . Ms. R. VALARMATHI	Advertising as a strong Tool for Business Development	202241015281	19/03/2022	Published	25.3.2022	2022		SH

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S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
165	2022	Dr.N. Golden Stepha Mr. Antony Judice Mr. A. Joel Livin Dr. H. S. Mohana Ms. Prathibha G Mr. U. Mahanthesha Dr. K. R. Shathy Dr. R. Ramya Dr. M. Mercy Theresa Dr.S. Neduncheliyan	Dr.N. Golden Stepha Mr. Antony Judice Mr. A. Joel Livin Dr. H. S. Mohana Ms. Prathibha G Mr. U. Mahanthesha Dr. K. R. Shathy Dr. R. Ramya Dr. M. Mercy Theresa Dr.S. Neduncheliyan	IOT AND POWER SYSTEM-BASED ENERGY HARVESTING TECHNIQUE FOR RAILWAY SECTOR BY USING WSN AND ZIGBEE	202241028352	17/05/2022	Published	27/05/2022	2022		SH
166	2022	1 . Dr. N.Panneerselvam 2 . Dr. Depaa RA B 3 . Dr. Rakhi Mutha 4 . Ms.S.Karthiga 5 . Dr.K.Indira 6 . Dr. Santhi M George 7 . Mr Muthubharathi R 8 . Mr Syed Moazzam Ali 9 . Dr. Krishna Jibon Mondal 10 . Mr.R.Jeeva 11 . Dr. V.Kannan	1 . Dr. N.Panneerselvam 2 . Dr. Depaa RA B 3 . Dr. Rakhi Mutha 4 . Ms.S.Karthiga 5 . Dr.K.Indira 6 . Dr. Santhi M George 7 . Mr Muthubharathi R 8 . Mr Syed Moazzam Ali 9 . Dr. Krishna Jibon Mondal 10 . Mr.R.Jeeva 11 . Dr. V.Kannan	A DATA PROCESSING DEVICE FOR ELECTRIC VEHICLE BASED ON IOT	202241025599	02/05/2022	Published	13/05/2022	2022		SH
167	2022	R.M.K. Engineering College (Personal)	Dr.Santhi M. George	Water quality analysis of Mercury (II) by green synthesized silver nanoparticles prepared by using Garcinia cambogia	202241054754	30/09/2022	Published	24.09.22	2022		SH
168	2022	Mr. Vijayabaskar	Mr. Vijayabaskar	A Meta-Surface Antenna with IoT configured Artificial Neural Network system	202241050701	05/09/2022	Published	16/09/2022	2022		SH
169	2022	Mr. Vijayabaskar	Mr. Vijayabaskar	A convolutional Neural network based structural health monitoring system	202241050946	06/09/2022	Published	16/09/2022	2022		SH
170	2022	R.M.K. Engineering College (Personal)	Dr.M.Meena & Dr A. Vijayalakshmi	Corrosion inhibition on mild steel using inexpensive inhibitor in 1M HCl	202241051201 A.	07/09/2022	Published	16/09/2022	2022		SH
171	2022	R.M.K. Engineering College (Personal)	Dr.M.Meena & Dr A. Vijayalakshmi	Extraction of hexavalent chromium from wastewater by green methodology	202241054455 A.	22/09/2022	Published	30.9.22	2022		SH
172	2022	R.M.K. Engineering College (Personal)	Dr A. Vijayalakshmi & Dr.M. Meena	Crystal Engineering of pharmaceutical Co-crystals isonicotinamide for the development of Active Pharmaceutical Ingredients (API)	202241051160 A.	07/09/2022	Published	30.9.22	2022		SH
173	2022	R.M.K. Engineering College (Personal)	Dr A. Vijayalakshmi & Dr.M. Meena	Crystal Engineering of Semi-organic borate sodium boro succinate crystals for Electronic applications	202241054456 A.	22/09/2022	Published	30/09/2022	2022		SH
174	2022	R.M.K. Engineering College (Personal)	Dr. M.Meena Dr. S.D. Uma Mageswari Dr. V. Srinivasan Dr. A. Vijayalakshmi Dr. P. Balaramesh Ms. A. Parvathi Priya Dr. R.Thinesh Kumar Ms. P. Malini Anand Raj	Biomaterial Infused Chitosan Beads for the Effective Removal of Oil and Heavy Metal Ions from Industrial Effluents	202241015079 A.	08/04/2022	Published	08-04-2022	2022		SH
175	2022	R.M.K. Engineering College (Personal)	Dr.S.D. Uma Mageswari Mr.K.Muralidharan	SOLAR BASED CONVERSION OF KITCHEN WASTE TO BIOMANURE	202241075244 A.	25.12.2022	Published	30.12.2022	2022		SH
176	2022	R.M.K. Engineering College (Personal)	Dr.R.Subhashini	Bis(L-threonine) Zinc(II) Optical Crystals: Nonlinear Semi-Organic Framework for Electronic Engineering Applications	202241067106	22.11.22	Published	23/12/2022	2022		SH

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177	2022	R.M.K. Engineering College (Personal)	Dr.P.S.Latha Mageshwari Dr.A.Parvathi Priya	Investigations on the growth, optical, thermal, mechanical, and dielectric studies of sodium succinate hexahydrate (β phase) single crystal: A favourable third order nonlinear optical material	202241069145 A.	30/11/2022	Published	23/12/2022	2022		SH
178	2022	R.M.K. Engineering College (Personal)	Dr.P.S.Latha Mageshwari Dr.G.Nixon Samuel Vijayakumar	Theoretical investigations on sodium hydrogen succinate single crystal: A prospective third order non-linear optical material	202241069173 A.	30/11/2022	Published	09/12/2022	2022		SH
179	2022	Ms.T.D.Subha	Ms.T.D.Subha	A Cognitive IoT Smart Surveillance Framework for Crowd Behaviour Analysis	202241077263	30.12.2022	Published	06.01.2023	2023		ECE
180	2022	Ms. Indhumathi C	Ms. Indhumathi C	AN EDGE COMPUTING APPARATUS FOR FLEXIBLEALLOCATING COMPUTING RESOURCE AND METHOD THEREOF	202241063327	05.11.2022	Published	18.11.2022	2022		CSBS
181	2022	Mr. Jayaram B	Mr. Jayaram B	High Performance Scientific Computing Over Hybrid Cloud Platforms and method thereof	202241071434	11/12/2022	Published	30/12/2022	2022		CSBS
182	2022	Ms. Sajitha L P	Ms. Sajitha L P	E-Learning based Hybrid Training for Education and Management System Model	202221064916	12/11/2022	Published	18/11/2022	2022		CSBS
183	2023	Dr. S. Thanga Ramya	Dr. S. Thanga Ramya	SMART AUTOMATIC AUTHORIZED VEHICLE PARKING SYSTEM USING IOT SENSORS AND MACHINE LEARNING ALGORITHM TECHNIQUES	202341000199	2/1/2023	Published	13/1/2023	2023		CSD
184	2023	Dr.Jaison B; Mr. VelMurugesh Kumar N; Dr. Ramesh T.;Mr. Ramalingam D; Mr.Kirubakaran D.	Dr.Jaison B; Mr. VelMurugesh Kumar N; Dr. Ramesh T.;Mr. Ramalingam D; Mr.Kirubakaran D.	Design of IoT-driven crop recommendation system for smart Agriculture using Machine Learning	202341000199	20.01.2023	Published				CSE
185	2023	Dr.S.Selvakanmani	Dr.S.Selvakanmani	IOT controlled digital hygrometer	202341000199	15/01/2023	Published				IT
186	2023	Dr.M.Jayaprakash	Dr.M.Jayaprakash	A SYSTEM FOR HUMAN RESOURCE MANAGEMENT USING ARTIFICIAL INTELLIGENCE AND ROBOTICS	202241076371	01.01.23	Published	10.1.23	2023		IT
187	2023	Dr.M.Jayaprakash	Dr.M.Jayaprakash	SYSTEM FOR LOAD BALANCING IN CLOUD COMPUTING USING MACHINE LEARNING	202341002106	10.01.23	Published	20.1.23	2023		IT
188	2023	Dr K saravanan	Dr K saravanan	Deep Learning with Nanotechnology Approach to the Effect of Topical Creams for Treating Blood Cancer	202341007873	07.02.23	Published	24.02.23	2023		IT
189	2023	Ms.R.Rajitha Jasmine	Ms.R.Rajitha Jasmine	Security in the Cloud with a Token-based Authentication and Key-Agreement Protocol	202341010314	16.02.2023	Published	17.03.2023	2023		IT
190	2023	1)Dr. S. Sambath	1)Dr. S. Sambath	DESIGN OF RELIABLE FIRE DETECTION SYSTEM	202341016372	11/03/2023	Published	17/03/2023	2023		Mech
191	2023	Dr. Sambath S	Dr. Sambath S	NUMERICAL COMPUTATION AND EXPERIMENTAL ANALYSIS OF FAILURE AND JOINT EFFICIENCY IN RIVETED AND HYBRID RIVETED JOINTS	202341016366	11.03.2023	Published	17.03.2023	2023		Mech
192	2023	Dr. Sekar S D	Dr. Sekar S D	VEHICLE OVERLOAD MANAGEMENT SYSTEM	202341016420 A	12.03.2023	Published	17.03.2023	2023		Mech
193	2023	Mr. Mohanrajhu N	Mr. Mohanrajhu N	PERFORMANCE AND EMISSION TEST ON IC ENGINE USING MOME BIODIESEL	202341018675 A.	19/03/2023	Published	17.03.2023	2023		Mech
194	2023	Mr. Lokesh Kumar P J	Mr. Lokesh Kumar P J	PERFORMANCE IMPROVEMENT IN DESERT COOLER USING STAINLESS STEEL BODY CASING	202341019105 A.	21.03.2023	Published	31/03/2023	2023		Mech
195	2023	Mr. Rajesh S	Mr. Rajesh S	SOLAR-POWERED AUTONOMOUS SEED SOWING MACHINE	202341010538 A.	16.02.2023	Published	31.03.2023	2023		Mech
196	2023	Dr. S. Thanga Ramya	Dr. S. Thanga Ramya	SMART AUTOMATIC AUTHORIZED VEHICLE PARKING SYSTEM USING IOT SENSORS AND MACHINE LEARNING ALGORITHM TECHNIQUES	202341000199	2-1-2023	Published	13/1/2023	2023		CSD
197	2023	"Ms. Gayathri.S Ms. Haritha V Dr. R. Renuga Devi Ms. S. Sajithra Ms. B. Bharathi"	"Ms. Gayathri.S Ms. Haritha V Dr. R. Renuga Devi Ms. S. Sajithra Ms. B. Bharathi"	AN AI BASED NEURAL NETWORK SYSTEM FOR DIAGNOSIS OF COVID BASED ON ANN USING OPTIMAL PREDICTION VARIABLES.	202341026417	9.4.2023	Published				CSE
198	2023	Dr.D.NAVEEN RAJU	Dr.D.NAVEEN RAJU	AN EFFECTIVE METHOD FOR ESTIMATING SECURITY RISKS FOR IOT ACCESS CONTROL MODELS	202341028883	20/4/2003	Published				CSE

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S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
199	2023	Dr.C. Geetha, Ms. A. Jasmine Gilda, Ms. S. D. Lalitha	Dr.C. Geetha, Ms. A. Jasmine Gilda, Ms. S. D. Lalitha	A New IoT Eco System Security Model with its Supporting Architectural Framework	202341027725	15/04/2023	published	05/05/2023	2023		CSE
200	2023	Ms. S. D. Lalitha, Dr.C. Geetha, Ms. A. Jasmine Gilda	Ms. S. D. Lalitha, Dr.C. Geetha, Ms. A. Jasmine Gilda	An Artificial Intelligence and Machine learning based User Behaviour Analysis System	202341027703 A	14/04/2023	published	05/05/2023	2023		CSE
201	2023	Ms. A. Jasmine Gilda, Ms. S. D. Lalitha, Dr.C. Geetha	Ms. A. Jasmine Gilda, Ms. S. D. Lalitha, Dr.C. Geetha	A Collaborative Learning System using Social Media and Cloud Technology	202341026287 A	08/04/2023	published	05/05/2023	2023		CSE
202	2023	Ms. Gayathri.S Ms. Haritha V Dr. R. Renuga Devi Ms. S. Sajithra Ms. B. Bharathi	Ms. Gayathri.S Ms. Haritha V Dr. R. Renuga Devi Ms. S. Sajithra Ms. B. Bharathi	AN AI BASED NEURAL NETWORK SYSTEM FOR DIAGNOSIS OF COVID BASED ON ANN USING OPTIMAL PREDICTION VARIABLES.	202341026417 A	09/04/2023	published	05/05/2023	2023		CSE
203	2023	Ms. B. Bharathi	Ms. B. Bharathi	An AI based agriculture ROBOT for real-time monitoring the crops	202341030894 A	29/04/2023	published	05/05/2023	2023		CSE
204	2023	Ms. Anusha P	Ms. Anusha P	An Artificial Intelligence and Deep learning with IoT based prevention of road accident by detecting driver drowsiness	202331013048 A	27.02.2023	published	10.03.2023	2023		ECE
205	2023	Y Sukhi	Y Sukhi	Solar Powered Automatic UVC LEDSterilizer Lamp	202341009608	14.02.2023	published	16.06.2023	2023		EEE
206	2023	Dr. Gladiss Merlin N.R	Dr. Gladiss Merlin N.R	Automatic face recognition and virtual assistant through IOT and AI	202341017125	14/02/2023	published	16/06/2023	2023		ADS
207	2023	Mr. Jayaram B Kuduru Rahul Shaik Farooz B Srinath Anto Spiritus Kingsly Alabazzar Ramesh J K Periasamy	Mr. Jayaram B Kuduru Rahul Shaik Farooz B Srinath Anto Spiritus Kingsly Alabazzar Ramesh J K Periasamy	An Association Rule Mining Algorithm That Protects Users' Personal Information When Using Encrypted Data in the Cloud	202341046440	10.07.2023	published	08.09.2023	2023		CSBS
208	2023	Dr. V. R. Kavitha	Dr. V. R. Kavitha	FOREST FIRE DETECTION SYSTEM USING WSN	202341057659	28.8.2023	published	08.09.2023	2023		CSBS
209	2023	R.M.K Engineering College	Dr.D.PAULRAJ	AN AUTONOMOUS REMOTE ELECTRONIC VOTING SYSTEM (AIREVS) BASED ON BLOCKCHAIN TECHNOLOGY AND METHOD THEREOF	202341036347	25/05/2023	Published	01/09/2023	2023		CSE
210	2023	Dr.D.Naveen Raju Dr.Lakshmi Haritha Dr.A.Thilagavathy Dr.S.Selvi Ms.P.IIampiray	Dr.D.Naveen Raju Dr.Lakshmi Haritha Dr.A.Thilagavathy Dr.S.Selvi Ms.P.IIampiray	AN IOT BASED SYSTEMS FOR PULMONARY ARTERY PRESSURE AND CARDIAC SYNCHRONIZATION MONITORING	202341000199	18/08/2023	Published				CSE
211	2023	Dr.A.Thilagavathy Dr.J.Jeno Jasmine Dr.D.Naveen Raju Dr.Lakshmi Haritha Dr.P.R.Therasa	Dr.A.Thilagavathy Dr.J.Jeno Jasmine Dr.D.Naveen Raju Dr.Lakshmi Haritha Dr.P.R.Therasa	Mobile AI Challenge Quick and Accurate Quantized Camera Scene Detection on Smartphones	202341000199	18/08/2023	Published				CSE
212	2023	Dr T RAMESH	Dr T RAMESH	GREEN CLOUD COMPUTING AND ENERGY EFFICIENCY	202341000199	18/08/2023	Published				CSE
213	2023	1 . R.M.K. Engineering College 2 . Dr. D. PAULRAJ	Dr.D.Paulraj Dr.T.Sethukarasi Dr.S.Neelakandan	Autonomous Remote Electronic Voting Systemusing Blockchain	202341036347	25-05-2023	Published	01/09/2023	2023		CSE
214	2023	Ms. Anusha P	Ms. Anusha P	Machine learning and Image Processing for the Diagnosis and Prognosis of Lung Cancer	202341035324	20.05.2023	Published	18.08.2023	2023		ECE

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S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
215	2023	Dr. Ganesh R S	Dr. Ganesh R S	SYSTEM FOR PROVIDING SECURITY AND PRIVACY IN 5G WIRELESS NETWORKS AND DETECTING THREATS PROVIDING COUNTERMEASURES, AND CRYPTOGRAPHIC PROTOCOLS	202341057342	26.08.2023	Published	08.09.2023	2023		ECE
216	2023	S. Rajesh,N. Mohanrajhu	S. Rajesh,N. Mohanrajhu	DESIGN AND DEVELOPMENT OF OIL SKIMMER BY USING ROLLERS	202341058309 A	31.08.2023	Published	08.09.2023	2023		Mech
217	2023	1)R.M.K. Engineering College	1)Mr. Udhayakumar R 2)Ms. Lalitha Ramachandran 3)Dr. S. D. Uma Mageswari	BANKING MANAGEMENT SYSTEM	202341002400 A	12/1/23	Published	17/02/2023	2023		SH
218	2023	Dr. A. Jagadesan	Dr. A. Jagadesan	Building a Solar Battery Charger For Ni-MH Batteries	202341022643	28.03.2023	Published	07.04.2023	2023		SH
219	2023	Dr. A. Jagadesan	Dr. A. Jagadesan	Characterization of natural fiber composites using thermomechanical and spectroscopic techniques	202341023316	29.03.2023	Published	07.04.2023	2023		SH
220	2023	R.Valarmathi	R.Valarmathi	Sustainable Business Models Across the consumer Internet startups in India	202321026420	9.04.23	Published	12.5.23	2023		SH
221	2023	R.M.K Engineering College	AL. Sakthi, Amara Deepika, A. Aswini, Ishwarya H, Gopika A, Chinni Sushma Dr. A. Vijayalakshmi, Dr. G. Nixon Samuel Vijayakumar	AI based Plant Predicto-Farmer's tree friend	202341046112	10/07/2023	Published	01/09/2023	2023		SH
222	2023	R.M.K Engineering College	V. Harish, C.R. Kamalesh, Efrain Infanto, Hari Amar, Dr. A. Vijayalakshmi, Dr. G. Nixon Samuel Vijayakumar	Mobile app development for organizing and managing passwords	202341046107 A	09/07/2023	Published	01/09/2023	2023		SH
223	2023	Dr. P. Umaeswari	Dr. P. Umaeswari	Analytical Insights and Empirical Results Using Mobile Sensor Data for Exploiting Feature Selection in Human Activity Recognition	202341068016	10.10.2023	Published	20.10.2023	2023		CSBS
224	2023	R.M.K Engineering College	Dr.K.Mohamed Junaid	Design of ISM Band based Patch Antenna for Medical Applications	202341058638	01.09.2023	Published	01/12/2023	2023		ECE
225	2023	Dr,A.Vijayaraj	Dr,A.Vijayaraj	AN INTELLIGENT SYSTEM FOR WEATHER MONITORING AND NATURAL DISASTERS PREVENTION USING INTERNET OF THINGS	202341049441	21/07/2023	Published	01/09/2023	2023		IT
226	2023	R.M.K Engineering College	ANBARASU K KARTHIK K BALAJI G C SANKARA NARAAYANAN M S S NAGENDIRAN S SRIJAYANTHI	TOUCH AND VOICE BASED SMART MIRROR USING IOT	202341080346	27/11/2023	Published	22/12/2023	2023		ADS
227	2023	R.M.K Engineering College	B Mithun K Chidambarathanu	Freelance marketplace website with reverse bidding system.	202341080342	27/11/2023	Published	22/12/2023	2023		CSBS

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228	2023	R.M.K Engineeering College	DEVKHISHAN S HEMITH NAAG O V E AKASH S Thanga Ramya Divya J U Archana S Mahalakshmi S Sudha Mercy	Blockchain-Based Decentralized Developer Community Forum	202341080345	27/11/2023	Published	22/12/2023	2023		CSD
229	2023	R.M.K Engineeering College	Hareesh R T. Sethukarasi A.Thilagavathy	Migration Technique from Traditional Database to Blockchain Database	202341080380	27/11/2023	Published	22/12/2023	2023		CSE
230	2023	R.M.K Engineeering College	Jaison B Vel Murugesh Kumar N Ramesh T Ramalingam D Kirubakaran D	Design of IoT-driven crop recommendation system for smart Agriculture using Machine Learning	202341080375	27/11/2023	Published	22/12/2023	2023		CSE
231	2023	R.M.K Engineeering College	B Sarala J Jasmine Hepzhipah M Perarasi T Suresh	SOLAR POWERED IoT DEVICE FOR GEO-TAGGING OF PHYSICAL ASSETS	202341080379	27/11/2023	Published	22/12/2023	2023		ECE
232	2023	R.M.K Engineeering College	M Sheerin Banu S Dhanalakshmi M Dharshini U.Hema shree M Arifa Banu Hasin Shifa	Third Eye For Blind	202341080344	27/11/2023	Published	22/12/2023	2023		IT
233	2023	R.M.K Engineeering College	K.SENGOTTAIYAN R Suresh Kumar M Mudhu Krishnan K R Senthil Kumar	DUAL POWER GENERATION FROM BIKE SILENCER	202341080376	27/11/2023	Published	22/12/2023	2023		Mech
234	2023	R.M.K Engineeering College	Raghunandan J Manoj kumar M Viswesvaran K R S Shaik Rahil S Meenakshi N Meenatchi P Kavitha	Power Generation From Chimneys.	202341080377	27/11/2023	Published	22/12/2023	2023		S&H
235	2023	R.M.K Engineeering College	K Udhayan B Sri Madhava T. Vishnu Vardhan A Syed Ibrahim A Tharun T Charan P S Latha Mageshwari S Radhika S Pavai Madheswari	Human Following Robot using Arduino Uno	202341080347	27/11/2023	Published	22/12/2023	2023		S&H

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236	2023	R.M.K Engineering College	S DEVKHISHAN E AKASH P MALINI ANAND RAJ D SUDHA S PAVAI MADHESWARI	Identity verification system with user privacy protection.	202341080343	27/11/2023	Published	22/12/2023	2023		S&H
237	2023	R.M.K Engineering College	DHARANKUMAR.N AKASH RAJ J A Jenifer Y Sukhi Geetha Ramadas A Fayaz Ahamed L Annie Isabella	LOAD LIFTING WHEELS	202341080378	27/11/2023	Published	22/12/2023	2023		EEE
238	2023	Ms.M. Rekha	Ms.M. Rekha	AN ANALYTICS INTERFACE FOR PROVIDING CYBER THREAT DETECTION AND SECURITY SYSTEM	202341049516	22.07.2023	Published	1/9/2023	2023		IT
239	2023	R.M.K Engineering College	Ms. A. Jasmine Gilda Dr. T. Sethukarasi Dr. C. Geetha	Detecting Under-Utilized Features And Providing Training, Instruction, Or Technical Support In An Observation Platform Using Cloud Computing	202341088524	23.12.2023	Published	19.01.2024	2024		CSE
240	2023	R.M.K Engineering College	Dr. C. Geetha Ms. A. Jasmine Gilda Dr. T. Sethukarasi	A Neuro-inspired deep learning network for improved image recognition	202341088831	26.12.2023	Published	12.01.2024	2024		CSE
241	2023	R.M.K Engineering College	Dr. T. Sethukarasi Dr. C. Geetha Ms. A. Jasmine Gilda	A Detailed Analysis of Artificial Intelligence Integration in Project Management	202341087888	21.12.2023	Published	12.01.2024	2024		CSE
242	2023	R.M.K Engineering College	Dr. P. Kavitha Dr. S D Lalitha Ms. B. Bharathi	A METHOD FOR IDENTIFYING HIDDEN PATTERNS IN LARGE DATASETS USING DEEP LEARNING TECHNIQUES"	202341087887	21.12.2023	Published	12.01.2024	2024		CSE
243	2023	R.M.K Engineering College	Dr. S D Lalitha Ms. B. Bharathi Dr. P. Kavitha	AN EVENT MANAGEMENT SYSTEM WITH ENHANCED COMMUNICATION TO GUESTS ACCORDING TO VENUE USING ARTIFICIAL INTELLIGENCE	202341087889	21.12.2023	Published	12.01.2024	2024		CSE
244	2023	R.M.K Engineering College	Ms. B. Bharathi Dr. P. Kavitha Dr. S D Lalitha	WORKFLOW SCHEDULING IN FOG-CLOUD COMPUTING USING A QUANTUM GENETIC ALGORITHM	202341084638	22.12.2023	Published	19.01.2024	2024		CSE
245	2023	R.M.K. Engineering College	K. Udhayan B. Sri Madhava T. Vishnu Varthan A. Syed Ibrahim A.Tharun T. Charan Dr.P.S.Latha Mageshwari Dr.S.Radhika Dr.S.PavaiMadheswari	MOVING AND OBSTACLE AVOIDING ROBOT USING WI-FI AND LORAWAN TECHNOLOGY	202341041711	23/06/2023	Published	12/01/2024	2024		S&H
246	2024	R.M.K. Engineering College	Dr.P.S.Latha Mageshwari	DETAILED LINEAR BEHAVIOR OF THIRD-ORDER NON-LINEAR OPTICAL SODIUM HYDROGEN SUCCINATE SINGLE CRYSTAL	202441003054	16/01/2024	Published	09/02/2024	2024		S&H
247	2024	1 . Dr. R.Muthukumar 2 . Mr. Chevala. Venkata Ramana 3 . Mrs. B.Thamizhkani 4 . Dr. R.Dhilipkumar 5 . Dr. A. Jagadesan 6 . Dr. K. Karthikumar 7 . Dr. R. Azhagumurugan	1 . Dr. R.Muthukumar 2 . Mr. Chevala. Venkata Ramana 3 . Mrs. B.Thamizhkani 4 . Dr. R.Dhilipkumar 5 . Dr. A. Jagadesan 6 . Dr. K. Karthikumar 7 . Dr. R. Azhagumurugan	CUTTING-EDGE SENSOR LESS SPEED REGULATION IN INDUCTION MOTOR	202441004199	20/01/2024	Published	09/02/2024	2024		S&H

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S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
248	2024	R.M.K. Engineering College	A. Vijayalakshmi & M. Meena	SYNTHESIS, CHARACTERIZATION OF CURCUMIN GLYCINATES FOR IN VITRO AND IN SILICO CARBOHYDRATE DIGESTIVE ENZYME INHIBITOR	202441002251	11/01/2024	Published	09/02/2024	2024		S&H
249	2024	R.M.K. Engineering College	Mr. N. Mohanrajhu & S. Rajesh	DESIGN AND DEVELOPMENT OF DETACHABLE COMPUTER MOUSE	202441001261	07/01/2024	Published	09/02/2024	2024		Mech
250	2024	Mr. K. Sengottaiyan	Mr. K. Sengottaiyan	ROTATING INJECTOR IN DIRECT INJECTION DIESEL ENGINE FOR REDUCING NOX EMISSION	202441002318	11/01/2024	Published	23/02/2024	2024		Mech
251	2024	R.M.K Engineering College	Dr. A. Vijayaraj, Dr. S. Selvaknmani, Dr. A. Annalakshmi, Dr. M. Jayaprakash	IOT MONITORING SYSTEM FOR DETECTING HARMFUL GASES AND FIRES IN WORK FIELD	202441009140	11/02/2024	Published	08/03/2024	2024		IT
252	2024	1 . R.M.K. Engineering College 2 . Ms. T D Subha	1 . R.M.K. Engineering College 2 . Ms. T D Subha	CHILD MISSING ALERT SYSTEM USING RECEIVED SIGNAL STRENGTH INDICATOR	202441022995	23/03/2024	Published	29/03/2024	2024		ECE
253	2024	1 . R.M.K. Engineering College 2 . Ms Lalitha Ramachandran	1 . R.M.K. Engineering College 2 . Ms Lalitha Ramachandran	IOT BASED INDUSTRIAL FIRE DETECTION AND MONITORING SYSTEM	202441022993	23/03/2024	Published	29/03/2024	2024		S&H
254	2024	R.M.K.Engineering College	1. Dr.M.Jayaprakash 2. Dr.A.Vijayaraj 3. Dr. S. Selvaknmani 4. Dr. A. Anna Lakshmi	IOT - Based Oxygen Supply System	202441029740	11/04/2024	Published	19/04/2024	2024		IT
255	2024	1 . R.M.K. Engineering College 2 . Dr. J. Jen0 Jasmine	Dr.J.Jeno Jasmine	Fruit Analysis and Disease Prediction System	202441022996	23/03/2024	Published	29/03/2024	2024		CSE
256	2024	R.M.K. ENGINEERING COLLEGE	Dr.A.Thilagavathy, Dr.NAVEEN RAJU D, Ms. Gayathri S, R. Deepa, Ms.P.ILAMPIRAY	A NEURO-INSPIRED DEEP LEARNING FRAMEWORK ENHANCING IMAGE RECOGNITION CAPABILITIES	202441028372	06/04/2024	Published	19/04/2024	2024		CSE
257	2024	R.M.K Engineering College	Dr K Saravanan	IoT CONTROL SMART FARM SYSTEM USING SILICON LED LAMP	202441010176	14/02/2024	Published	09/03/2024	2024		IT
258	2024	R.M.K Engineering College	1. Dr.T.Mahalingam 2. Dr.Rajitha Jasmine R 3. Dr.K.Saravanan 4. Dr. J.Sathiamoorthy	A SYSTEM AND METHOD FOR REMOTE CONTROLLING AND MONITORING OF IOT BASED VEHICLE	202441029720	12/04/2024	Published	19/04/2024	2024		IT
259	2024	R.M.K. ENGINEERING COLLEGE	DR.S.D. UMA MAGESWARI	SOLAR BASED CONVERSION OF PLASTIC WASTE TO FILAMENTS FOR 3DPRINTING	202441036241	07/05/2024	Published	17/05/2024	2024		S&H
260	2024	R.M.K. ENGINEERING COLLEGE	1. SAI HARSHAVARDHAN.N 2. THANGA PERUMAL.E 3. MUKESH KANNA.A 4. THIYAGESAN. M 5. DR. T. MAGESH 6. DR. GEETHA RAMADAS	MULTI-INPUT BOOST DC-DC CONVERTER WITH CONTINUOUS INPUT-OUTPUT CURRENT FOR RENEWABLE ENERGY SYSTEMS	202441037010	10/05/2024	Published	17/05/2024	2024		EEE
261	2024	R.M.K. ENGINEERING COLLEGE	1.SRI MADHAVA B 2.R. PAVAIYARKARASI 3.Dr. T. SURESH 4.DR. N.M. JOTHI SWAROOPAN 5.DR. K. A. MOHAMED JUNAID	EVS CHARGING KIT TO AVOID WAITING IN CHARGE STATIONS	202441037011	10/05/2024	Published	17/05/2024	2024		ECE
262	2024	R.M.K. ENGINEERING COLLEGE	1.PRAKASH J 2.KARTHIK K 3.ANBARASU K 4.JAMALUDEEN F 5.DR.G.NIXON SAMUEL VIJAYAKUMAR 6.DR. S. PAVAI MADHESWARI	RMK CONNECT	202441037012	10/05/2024	Published	17/05/2024	2024		S&H
263	2024	R.M.K. Engineering College	Y.SUKHI, P. KAVITHA, HARSHAVARDHAN.S, SOMESHWAR, P.R.J PAVIN, DIVYA S	ZEPHYRAUTO+ - ADVANCED DRIVER ASSISTANCE SYSTEM IMPLEMENTATION ROAD SAFETY USING SENSOR FUSION AND MACHINE LEARNING	202441024942	27/03/2024	Published	05/04/2024	2024		EEE

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264	2024	R.M.K. Engineering College	Y. SUKHI, P. KAVITHA, SARAVANARAAJ. K, SAI SRIRAM. G	CENTRALIZED MONITORING SYSTEM FOR STREET LIGHT FAULT DETECTION AND LOCATION TRACKING	202441024943	27/03/2024	Published	05/04/2024	2024		EEE
265	2024	R.M.K. Engineering College	Y Sukhi	IOT AND RFID BASED WIRELESS VEHICLE CHARGING WITH ARDUINO	202441034756	01/05/2024	Published	10/05/2024	2024		EEE
266	2024	R.M.K. Engineering College	Haritha V	METHOD AND SYSTEM FOR AI-DRIVEN PREDICTIVE MAINTENANCE IN HEALTHCARE EQUIPMENT	202441039130	18/05/2024	Published	31/05/2024	2024		CSE
267	2024	1 . Mr. Jebin Bose S 2 . S.Anitha Jebamani 3 . Dr. Maheswar Prasad Behera 4 . R.Archana 5 . Dr. N. Komal Kumar 6 . Dr. S. Meenakshi 7 . Dr. J K Periasamy	1 . Mr. Jebin Bose S 2 . S.Anitha Jebamani 3 . Dr. Maheswar Prasad Behera 4 . R.Archana 5 . Dr. N. Komal Kumar 6 . Dr. S. Meenakshi 7 . Dr. J K Periasamy	METHOD AND SYSTEM FOR TASK SCHEDULING IN A CLOUD-FOG NETWORK OPERATING IN SPACE VIA COMPUTING OFFLOADING	202441034120	30/04/2024	Published	03/05/2024	2024		S&H
268	2024	1 . Adv. Vishal Ashok Ingole 2 . Dr. S.Nithya 3 . Dr.CM.Surendra Reddy 4 . Mr. Ashok Matcha 5 . Ms. Abhilasha T R 6 . Dr. S. Meenakshi	1 . Adv. Vishal Ashok Ingole 2 . Dr. S.Nithya 3 . Dr.CM.Surendra Reddy 4 . Mr. Ashok Matcha 5 . Ms. Abhilasha T R 6 . Dr. S. Meenakshi	VIRTUAL SUPPLY CHAIN TOWARDS THE FACILITATION OF SHORT-TERM BUSINESS COLLABORATIONS	202421029742	12/04/2024	Published	03/05/2024	2024		S&H
269	2024	R.M.K. Engineering College	1.Dr.B.Jaison 2. Mr. D.Kirubakaran 3. Ms.G.Nishanthi 4.Dr.D.Abitha kumari 5.Ms.S.Rohini	PERSONNEL MONITORING SYSTEM USING MOBILE APPLICATION DURING THE COVID19	202441042218	30/05/2024	Published	14/06/2024	2024		CSE
270	2024	R.M.K. Engineering College	Dr. N. Golden Stepha	CLOUD BASED WATER QUALITY CHECK	202441042220	30/05/2024	Published	14/06/2024	2024		S&H
271	2024	R.M.K. Engineering College	Dr Rajitha Jasmine R, Dr.J. Sathiamoorthy, Dr.T. Mahalingam, Dr.Saravanan	A CLOUD COMPUTING SYSTEM FOR SCALABLE DATA STORAGE AND PROCESSING AND METHOD THEREOF	202441044796	10/06/2024	Published	21/06/2024	2024		IT
272	2024	R.M.K. Engineering College	Dr. S. Selvakanmani, Dr. R. Annalakshmi, Dr. M. Jayaprakash, Dr. A. Vijayaraj	SYSTEM AND METHOD FOR CATEGORIZING MOBILE PHONE PRICE INFORMATION USING MACHINE LEARNING ALGORITHMS	202441044799	10/06/2024	Published	21/06/2024	2024		IT
273	2024	R.M.K. Engineering College	Chairma Lakshmi K R	INTEGRUM DOMUM AUTOMATION USING IOT WITH CAPTIOSUS SECURITY AND FACE RECOGNITION SYSTEM	202441040658	24/05/2024	Published	31/05/2024	2024		EIE
274	2024	R.M.K. Engineering College	1.P.R.Therasa 2. Dr.V.R.Kavitha 3. Ms.S.Rohini 4. Dr.Naveen Raju D 5. Ms.P.Ilampiray	FUZZY LOGIC CONTROL MECHANISM FOR PRECISION AGRICULTURAL IRRIGATION SYSTEM	202441045366	12/06/2024	Published	21/06/2024	2024		CSE
275	2024	R.M.K. Engineering College	Dr. Sandra Johnson, Dr. A Thilagavathy, Dr. N R Gladiss Merlin, Ms. Boomika E, Ms. Fazliya S	AI/ML BASED AUTOMATED COBWEB CLEANING DEVICE	202441042222	30/05/2024	Published	14/06/2024	2024		ADS

Patent Application Filed & Published Details

S.No	Year of filed	Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Filed date	Current Status	Published or Grant date	Published Year	Granted Year	Dept.
276	2024	1 . Iyswariya A 2 . Mr.Dharavath Veeraswamy 3 . Ms.J.Rajasubha 4 . E.Dilipkumar 5 . Ms.D.Linett Sophia 6 . Mr.G Shyam Kishore 7 . Dr.S.Chitra Selvi 8 . Ms.P Roghini 9 . Dr.V.Mahilnan 10 . S.SanthanaLakshmi	1 . Iyswariya A 2 . Mr.Dharavath Veeraswamy 3 . Ms.J.Rajasubha 4 . E.Dilipkumar 5 . Ms.D.Linett Sophia 6 . Mr.G Shyam Kishore 7 . Dr.S.Chitra Selvi 8 . Ms.P Roghini 9 . Dr.V.Mahilnan 10 . S.SanthanaLakshmi	DYNAMIC AI-DRIVEN SENSOR COORDINATION AND OPTIMIZATION FOR ENHANCED DATA ACCURACY IN SMART CITY IOT INFRASTRUCTURES	202441003647	18/01/2024	Published	09/02/2024	2024		ECE
277	2024	R.M.K. Engineering College	BENEDICT VINUSHA V, VARSHITHA REDDY MEDARAMETLA,SANDRA JOHNSON	HEALTH MONITORING AND GUIDANCE SYSTEM FOR PERSON WITH FOOD DISORDERS	202441065827	30/08/2024	Published	13/09/2024	2024		ADS
278	2024	R.M.K. Engineering College	Sri Likhita Adru; Dr. M. Hemalatha	VAGON – A Queue Management System for Indian Bus Stands	202441065832	30/08/2024	Published	13/09/2024	2024		ADS
279	2024	R.M.K. Engineering College	Sabarish M; Harishkumar N R; Hariharan A; Haresh S; Dr.A. Hemamathi; Dr.Binu Sukumar	Self-Cleansing Concrete and Wall putty	202441065833	30/08/2024	Published	13/09/2024	2024		CIVIL
280	2024	R.M.K. Engineering College	Evelin Blessy B, Rithika D, Mahalakshmi B, Pooja S; Aishwarya R; Dr. Binu Sukumar	Enroute-Web Application for Geometric Design of Highways	202441065829	30/08/2024	Published	13/09/2024	2024		CIVIL
281	2024	R.M.K. Engineering College	Mr. C. M. Varun,Dr. K. Chidambarathanu	STUDESK - An Innovative Smart Desk for Classrooms	202441065830	30/08/2024	Published	13/09/2024	2024		CSBS
282	2024	R.M.K. Engineering College	FAISAL SADIQ BASHA,DEEPAK P,EBENEZER NITIN PN,JISHA ARAVIND,B RAKSHNA PRIYA,C. M. Varun,K. Chidambarathanu	Integrated Vehicle Performance Diagnostics and Optimization System with OBD-II, GPS, and Cellular Connectivity	202441065831	30/08/2024	Published	13/09/2024	2024		CSBS
283	2024	R.M.K. Engineering College	Dr S Thanga Ramya,Ms J Divya, K Kiruthika	ARTIFICIAL INTELLIGENCE BASED SIGN LANGUAGE RECOGNITION.	202441065828	30/08/2024	Published	13/09/2024	2024		CSD
284	2024	R.M.K. Engineering College	Dr S Thanga Ramya,Ms S Mahalakshmi,Shobana V,Sneha A V	AgriLink Hub-Voice Recognition based platform bridging Farmers, Customers, and Delivery Agents	202441065834	30/08/2024	Published	13/09/2024	2024		CSD
285	2024	R.M.K. Engineering College	Rohan Jai D, Dr. C. Geetha, Dr. T. Sethukarasi	AI LIP READER DETECTING SPEECH FROM VISUAL DATA WITH DEEP LEARNING	202441065835	30/08/2024	Published	13/09/2024	2024		CSE
286	2024	R.M.K. Engineering College	Suhail Sherief S, Dr. T. Sethukarasi, Dr. C. Geetha, Dr. S. D. Lalitha	ELECTRONIC HEALTH RECORD STORAGE SOLUTION WITH BLOCKCHAIN TECHNOLOGY	202441065837	30/08/2024	Published	13/09/2024	2024		CSE
287	2024	R.M.K. Engineering College	Dr.K.A.Mohamed Junaid,Dr.D. Paulraj,Dr.T.Sethukarasi,Dr.S. Neelakandan	Predictive Clinical Decision Support System (CDSS) for ICU readmission Using Ensemble Machine Learning and Explainable AI (CDSS-ICUAI)	202441065836	30/08/2024	Published	13/09/2024	2024		CSE

COPYRIGHT APPLICATION

Sl. No.	Title of the Invention	Name of the Inventors	Copyright Filed Date	Diary Number	Staus
1	RMK Engineering College Quality Management Systems	Mr. R.S. Munirathinam, Chairman	01.02.2023	2847/2023-CO/L	Granted
		Mr. R.M. Kishore, Vice Chairman			
		Dr. K.A. Mohamed Junaid, Principal			
		Dr. Elwin Chandra Monie, Dean - Research			
		Dr. K. K. Sivagnana Prabhu, Dean - CDC			
		Dr. S. Pavai Madheswari, Academic Co-ordinator			
		Dr. S. Vijayalakshmi , IQAC Co-ordinator			
		Dr. D. Sudha ISO – MR			
		Ms. Sabari L.Uma Maheswari, ISO – MR			
2	Smart Heart Activity Monitoring System Using IoT	Dr.M.Sheerin Banu A. Ramya V.Vishali K.Aishwarya	07.04.2022	7351/2022-CO/L	Re-Scrutiny
3	Early Detection of Pests and Diseases in Spice Crops	Dr.M.Sheerin Banu R.K.Banu Priya S.S.C. Madhumitha R. Manasa	07.04.2022	7354/2022-CO/L	Re-Scrutiny