



R.M.K ENGINEERING COLLEGE

(An Autonomous Institution)

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



List of Patents & Copyrights current status (as on September 2026)

PATENT APPLICATION DETAILS

No of Patents Granted	No of Patents Filed & Published
38	601

COPYRIGHT APPLICATION DETAILS

No of Copyright Granted	No of Copyright Published
10	02

R.M.K. ENGINEERING COLLEGE

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RSM Nagar, Kavaraipettai – 601 206

PATENT GRANT DETAILS

Sl.No.	Name of the Applicants	Year	Name of the Inventors	Title	Application no.	Patent Filed date	Dept.	Link
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	EEE	https://drive.google.com/file/d/1aSWnDe4pJcQIkXdfLA0m3MT1iRrBRIEK/view?usp=drive_link
	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	EEE	https://drive.google.com/file/d/1WaNGroctJL3puVtF3imL3Lfq54efXTv/view?usp=drive_link
	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	EIE	https://drive.google.com/file/d/1mG6bZBYzj_DC02SsjxnUwsYk4n_admOk/view?usp=drive_link
	2.Tadimetim Niharika		2. TadimetiNaharika					
			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	EIE	https://drive.google.com/file/d/1w-xwWAWTD7CwMS507S4FrLqvA4m_kI2_/view?usp=drive_link
			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	EEE	https://drive.google.com/file/d/1urgoDIEi72Xa7e8nGp8I3cze5v5Rp-Iy/view?usp=drive_link
			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	EIE	https://drive.google.com/file/d/1bLCImoe7BGzDINbS0BoDzEI2FIIm7bh2/view?usp=drive_link
			2. Dr. T. Gnanasekaran					
			3. H.JayaprakashB.Giridhar					
			4. N.K.Dhanasekar					
			5. D.Dinesh Kumar					
			1. M. Daniel Naresh Kumar					

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7	1. RMK Engineering College	2017	2. S. Gokulnath 3. P. Anand 4. K. R. Hemanth Kumar	RFID based Public Transportation Monitoring System monitored using IoT	201741032145	6/12/2017	ECE	https://drive.google.com/file/d/1yIwfCSyvkNhb5FaWxXldfdmdca_SiQVE/view?usp=drive_link
8	1. RMK Engineering College	2017	1. Joel. T 2. Simran.S 3. P.Subashini	Smart Air pollution monitoring control using IoT& Machine Learning	201741032146	6/12/2017	ECE	https://drive.google.com/file/d/14dEwuhX0wafM9aJMvZR EZhex73FuOTX1/view?usp=drive_link
9	1. RMK Engineering College	2017	1. M.S. Kavitha 2. N. Suresh 3. Dr. GeethaRamadas	Hydroponics Controller With Automation, Remote Monitoring And Control Using IOT	201741027453	08/02/2017	EEE	https://drive.google.com/file/d/1p8faCf1TCIS8Hm71Dq15a3FKdahugMd2/view?usp=drive_link
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	ME	https://drive.google.com/file/d/1Zps3u7G8aJKF5UKsteXgSNhFRf2qjwNo/view?usp=drive_link
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	Civil	https://drive.google.com/file/d/1D7atulPRcQv2HBZM1vf7lCaN1W0daz-/view?usp=drive_link
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	EIE	https://drive.google.com/file/d/10njmaDtgcjM7dBTXA wFU1RhlgZcEN/view?usp=drive_link
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	Civil	https://drive.google.com/file/d/1yIf-WP3CpT9Hsv7VrzVuP1d5i8DyRcVm/vjew?usp=drive_link
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	Civil	https://drive.google.com/file/d/10WADfPEurKyM--qvU1bimqgZmjWa_HqN/view?usp=drive_link

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15	R.M.K. Engineering College	2018	1. Dr.S. Sambath	Graphical User Interface for Flaw Classification in Ultrasonic Testing	201841049951	31/12/2018	Mech	https://drive.google.com/file/d/1xZ4FnLCSH50KiFBQ-tbi2MC_B_dj3pw4/view?usp=drive_link
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	SH	https://drive.google.com/file/d/1zInnEa1RkfQddnLcsmbwlv1QoE69yAG/view?usp=drive_link
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	ECE	https://drive.google.com/file/d/1hf-S2f5076kYQnORyjiOS6a4vz2PpSP/vi ew?usp=drive_link
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	ECE & EEE	https://drive.google.com/file/d/1c1_R5sXXFWym52AXvtAmupWBdaM_f1HH/view?usp=drive_link
19	R.M.K. Engineering College	2018	1.T. Suresh 2.V. Diwakar 3.R. Hem Kumar Roa 4.ShabareNarayan	An IoT Enable Safety Door lock system	201841049961	31/12/2018	ECE	https://drive.google.com/file/d/1GJ6TD2DqWYC_Ndslez5HCgCbA0ImGKLw/view?usp=drive_link
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	EIE	https://drive.google.com/file/d/1rO6ThpFJw0dA-eTrnzjul6f5mp1eS0G4/view?usp=drive_link
21	R.M.K. Engineering College	2021	1.Ashwin Kumaar R B 2.Avinash M 3.Balaji K	Design and Fabrication of Robotic Arm for Painting Operation	202141058736	16/12/2021	Mech	https://drive.google.com/file/d/1JoCtz24zq4fLpYssMkj--

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Sl.No.	Name of the Applicants	Year	Name of the Inventors	Title	Application no.	Patent Filed date	Dept.	Link
			4.Sengottaiyan K	Painting Operation				4cFz7c-LbNm/view?usp=drive_link
			5.Dr.K.R Senth Kumar					
22	1 . A.Hemamathi 2 . K.P.Jaya	2022	1 . A.Hemamathi	A PRECAST COLUMN FOUNDATION CONNECTION SYSTEM THROUGH POCKET	202241033174	09.06.2022	Civil	https://drive.google.com/file/d/1XFEWCujgNTR7hNBM524WYVBRWYKD1lus/view?usp=drive_link
			2 . K.P.Jaya					
23	R.M.K. Engineering College	2018	Dr. GeethaRamadas	Self-Maintenance lead acid battery for Life enhancement	201841049955	31/12/2018	EEE	https://drive.google.com/file/d/1G2LbFzZdXN63hKI2hqdiHxmCL5D0cn_/view?usp=drive_link
			N.M. JothiSwaroopan					
			T. Magesh					
			S. Syed ShahruqBasha					
			S. Yohesh					
			Y. Subash					
24	R.M.K. Engineering College	2021	Pari Yogeshwaran. S	Boundary Attentive System For Angler	202141058738	16/12/2021	ECE	https://drive.google.com/file/d/1G2LbFzZdXN63hKI2hqdiHxmCL5D0cn_/view?usp=drive_link
			Mughilan. V					
			Rahul. R					
			Dr. B.Sarala					
			Dr. T. Suresh					
25	R.M.K. Engineering College	2022	Mr. Praveenkumar S	Energy Harvesting And Management From Ambient RF Radiation	202241063493	07/11/2022	ECE	https://drive.google.com/file/d/1Z_hv2ZnXMGeuuHXBQLiRQ-FBnT1Lpdn/view?usp=sharing
			Mr. Santhosh Sivan M					
			Mr. Nithishwar G					
			Ms. Jeya Poornima B					
			Dr T.Suresh					
26	1. R.M.K. Engineering College 2. R.M.K. Engineering College - AICTE Idea Lab	2022	Prathiksha R	Design And Implementation Of Data Acquisition System For 100W Panel	202241063492	07/11/2022	EEE	https://drive.google.com/file/d/17R-4Zzgkz1gZH4-LGlrzoDKAI-juHSLT/view?usp=drive_link
			Keerthana M					
			MohanaPriya D					
			Dr.Vimala M					
			Dr.P.Kavitha					
			Ms.Sabari L Umamaheswari					
			Dr.K.Nareshkumar					
			Dr. Geetha Ramdas					
27	R.M.K. Engineering College	2022	M.Yashwantha Kumar	Building Block from Plastic Waste using 3D Printing Technology	202241063496	07/11/2022	Civil	https://drive.google.com/file/d/1f76iZqpxWJQ3GB1YtUY4IcCDInXAM0NC/view?usp=drive_link
			P.Vijay Bhagavathi					
			Dr.Binu Sukumar					
			Ms. Hemamathi.A					
	R.M.K. Engineering College		Dr.M.Sheerin Banu, Anboli M	Automatic and Manual Cleaning Bot using				https://drive.google.com/file/d/1f76iZqpxWJQ3GB1YtUY4IcCDInXAM0NC/view?usp=drive_link

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Sl.No.	Name of the Applicants	Year	Name of the Inventors	Title	Application no.	Patent Filed date	Dept.	Link
28	R.M.K. Engineering College	2022	Anboli M Mohan Kumar U Surendar S	Automatic and Manual Cleaning Bot using Android Application	202241063491	07/11/2022	IT	https://drive.google.com/file/d/1kpchBOQqo8rXJxJWiZiSvzuBK8J5dm6j/view?usp=drive_link
29	R.M.K Engineering College	2022	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	CSBS & SH	https://drive.google.com/file/d/1-ebYaCX-rea7el45V2t2zBeHyjryySQ-/view?usp=drive_link
30	R.M.K Engineering College	2023	DEVKISHAN 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	CSD	https://drive.google.com/file/d/1DrE1CaQQ_oLcMQkFpuDBl2yCqASooG6n/view?usp=drive_link
31	R.M.K Engineering College	2024	Dr. T. Sethukarasi Dr. C. Geetha Rohan Jai D	AI LIP Reader Detecting Speech From Visual Data With Deep Learning	202441065835	30/08/2024	CSE	https://drive.google.com/file/d/1k9wfl8DPGzn-rJSYHpN3HXaF_kz_wQt9/view?usp=drive_link
32	R.M.K Engineering College	2020	S Sunil Kumar, M Nirmal Kumar, K Prabhu, Dr. Y. Sukhi, Dr. Geetha Ramadas,	Led Driver Having Long Lifespan	202041044203	10/10/2020	EEE	https://drive.google.com/file/d/1z9Jfqc2hAZQvp1l-4-SZGYOQ8KaFk5g/view?usp=drive_link
33	R.M.K Engineering College	2022	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	EEE	https://drive.google.com/file/d/1Ib-xK12j3M3OPTAqkKj0MElxfFyW0c7T/view?usp=sharing
34	R.M.K Engineering College	2024	Varun C M Dr. Chidambarathanu K	An Interactive Educational Desk System for Classrooms.	202441065830	30/08/2024	CSBS	https://drive.google.com/file/d/188EwITiFo4JTFo4MNVuQL0aykTszRCrO9/view?usp=drive_link
35	R.M.K Engineering College	2023	Dr. K. Sengottaiyan Dr. R. Suresh Kumar, Dr. M. Mudhu Krishnan	Dual Power Generation from Bike Silencer	202341080376	27/11/2023	Mech	https://drive.google.com/file/d/1GnGChDcK2JxVK1Qn2oh

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35	R.M.K Engineering College	2023	Dr. K. R. Senthil Kumar Mr. Athav S, Mr. Hakesh K	Dual Power Generation from Bike Silencer	202341060376		Mech	https://drive.google.com/file/d/1GhGChDCKZ3xvKJOnZonN6mcfVfhXGF4g/view?usp=drive_link
36	R.M.K Engineering College	2022	Dr.M.Sheerin Banu, M.Rekha, Brindha Jaiganesh, Angayarkanni R, Monisha S	IoT Based COVID-19 patient monitoring system	202241069299	01/12/2022	IT	https://drive.google.com/file/d/1QgLGz5LXYIFjnzxWNTFFdn2WZu_rekTf/view?usp=drive_link
37	R.M.K Engineering College	2022	Dr Elwin Chandra Monie Dr T Suresh	An Assistive Device for Speech Impaired Persons to Communicate Better	202241053326	18/09/2022	ECE	https://drive.google.com/file/d/1pexolmOmg9LIWrHitjUZnzgwrnb9JFIp/view?usp=drive_link
38	R.M.K Engineering College	2024	Sri Likhita Adu Dr. M. Hemalatha	VAGON – A QUEUE MANAGEMENT SYSTEM FOR INDIAN BUS STANDS	202441065832	30/08/2024	ADS	https://drive.google.com/file/d/1BAzvBYRsMzl8rGytSu_IghuBYDiabpIP/view?usp=drive_link

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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 Date	Published Year	Dept.
1	2014	1. RMK Engineering College 2. SurithNivas Mohan Doss	Dr.GeethaRamadas Sai Prasad Sridaran Raam Kumar Hari Krishnan SurithNivas Mohan Doss	Photovoltaic Driven High-Precision Temperature Controllable Peltier Domestic Cooler/Warmer	3165/CHE/2014	30/06/2014	Granted Patent No. 340739	Published on 18/07/2014 & Granted on 07/07/2020	2014	EEE
2	2015	1.RMK Engineering College 2. E. Kaleeswaran	Dr.GeethaRamadas A.AlhamdhuNisha S. Manivannan KommojuSaiTejaKashyap	Extending The Shelf Life of The Food By Microbial Inactivation Using Continuous And Flash Process Based on Ohmic Heating Technique	814/CHE/2015	11/08/2015	Granted patent No. 354425	Published on 26/08/2016 & Granted on 24/12/2020	2016	EEE
3	2015	1. RMK Engineering College 2.Tadimetim Niharika	Dr. K.A. Mohamed Junaid TadimetimNaharika M.BrittoSumitha VijayaPreethi M.Deepa	Efficacious cooling system centered upon establishing humidity control by encompassing desiccant into coolers impending reduced cost and enhanced efficiency	1516/CHE/2015	25/03/2015	Granted patent No. 371604	Published on 28/07/2017 & Granted on 09/07/2021	2017	EIE
4	2016	1. RMK Engineering College 2. Deepak Ganesan	Deepak Ganesan V.Siva Kumar	Novel Invention To Maintain Tire At Constant Pressure Using Heated Atmospheric Air	201641013417	18/04/2016	Granted patent No. 422471	Published on 21/04/2017 & Granted on 20/02/2023	2017	Mech
5	2017	1. RMK Engineering College	Dr.S.Vijayalakshmi Dr.T.Gnanasekaran Yogalakshmi. K SakalaVishaliSakunthala P. Srilatha	Design of Compressor Less Water Chiller and Heater	201741022392	27/06/2017	Granted patent No. 371884	Published on 28/12/2018 & Granted on 14/07/2021	2018	EIE
6	2017	1. RMK Engineering College	Dr.Y. Sukhi AnanthaPadmanabhan.T Aravind. S Aravindan. K	Home Automation and Accident Prevention with Cloud Control System	201741025254	17/07/2017	Granted patent No. 364374	Published on 18/01/2019 & Granted on 09/04/2021	2019	EEE
7	2017	1. RMK Engineering College	K.R. Chairma Lakshmi Dr. T. Gnanasekaran H.JayaprakashB.Giridhar N.K.Dhanasekar D.Dinesh Kumar	Border Alert and Life Protection System for Fishermen	201741022591	28/06/2017	Granted patent No. 382981	Published on 04/01/2019 & Granted on 15/02/2022	2019	EIE
8	2017	1. RMK Engineering College	M. Daniel Naresh Kumar S. Gokulnath P. Anand K. R. Hemanth Kumar	RFID based Public Transportation Monitoring System monitored using IoT	201741032145	12/06/2017	Granted patent No. 386282	Published on 15/03/2019 & Granted on 10/01/2022	2019	ECE
9	2017	1. RMK Engineering College	Joel. T Simran.S P.Subashini	Smart Air pollution monitoring control using IoT& Machine Learning	201741032146	12/06/2017	Granted patent No. 391498	Published on 15/03/2019 & Granted on 09/03/2022	2019	ECE
10	2017	1.RMK Engineering College	1. M.S. Kavitha 2. N. Suresh 3. Dr. GeethaRamadas	Hydroponics Controller With Automation, Remote Monitoring And Control Using IOT	201741027453	08-02-2017	Granted Patent No. 420534	Published on 08/02/2019 & Granted on 02/06/2023	2019	EEE
11	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
12	2018	1.RMK Engineering College	1. Dr.S. Sambath	Graphical User Interface for Flaw Classification in Ultrasonic Testing	201841049951	31/12/2018	Granted Patent No - 532297	Published on 03/07/2020, Granted on 09/04/2024	2020	Mech
13	2018	1.RMK Engineering College	T Suresh N.M. JothiSwaroopan	Interactive voice enabled outdoor navigation system for visually impaired people	201841049953	31/12/2018	Granted Patent No: 552299	Published on 03/07/2020 & Granted on 14/10/2024	2020	ECE
14	2018	1.RMK Engineering College	T. Suresh V. Diwakar R. Hem Kumar Roa ShabareNarayen	An IoT Enable Safety Door lock system	201841049961	31/12/2018	Granted Patent No: 552470	Published on 03/07/2020, Granted on 17/10/2024	2020	ECE
15	2018	1.RMK Engineering College	J. Bharath Singh Dr.T.Gnanasekaran R. Rathii R. Sobana K. SwarnaPriya	Buddy Stick For Challenged PeopleWith Bus Identification	201841049954	31/12/2018	Published	03/07/2020	2020	EIE
16	2018	1.RMK Engineering College	Dr. BinuSukumar V. Saran Kumar ValluruNarendra Naidu P. Ragul Kumar R. Ramakrishna	Ready Mix Paint And RMP Dispenser	201841049956	31/12/2018	Granted patent no - 439584	19.07.2023	2020	CE
17	2018	1.RMK Engineering College	Dr. BinuSukumar P. Ramshankar V. Saran Kumar	Water pump monitoring system	201841049963	31/12/2018	Granted Patent No - 529815	Published date - 03/07/2020 , Granted Date - 22/03/2024	2020	CE

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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 Date	Published Year	Dept.
18	2018	1.RMK Engineering College	Dr.T.V. Padmavathy B.Rokesh N.Naresh H.Prem Kumar	Intelligent life saving system for human using UWB Antenna	201841049952	31/12/2018	Granted Patent No: 550564	Published date - 03/07/2020, Granted Date - 19/09/2024	2020	ECE
19	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	Granted Patent No: 557475	Published on 11/09/2020, Granted on 06/01/2025	2020	EEE
20	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
21	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
22	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
23	2019	R.M.K. Engineering College	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	Published on 02/12/2019, Granted on 08/02/2024	2019	EIE
24	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
25	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
26	2020	Ms.Chandla Ellis	Ms.Chandla Ellis	IOT Based Intelligent Solar Water Heater	202041030263	16/07/2020	Published	07/08/2020	2020	EEE
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	2020	R.M.K. Engineering College	Dr. Y. Sukhi Dr. GeethaRamadas, S Sunil Kumar, M Nirmal Kumar, K Prabhu	Led Driver Having Long Lifespan	202041044203	10/10/2020	Granted Patent No.: 587191	Published on 11/11/2022 and Granted on 20/04/2026	2022	EEE
35	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
36	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
37	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
38	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
39	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
40	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

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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 Date	Published Year	Dept.
41	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
42	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
43	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
44	2021	1. P. Dhanalakshmi 2. Samridhhi Programmecentre, 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
45	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
46	2021	1. R.K.Sankamitra 2. Samridhhi 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
47	2021	1. Arun Kumar D 2. Samridhhi 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
48	2021	1.Ravivarma.P 2. Samridhhi 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
49	2021	1.Udaya Kumar G 2. Samridhhi 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
50	2021	1.Bhavya D 2. Samridhhi Programmecentre, 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
51	2021	1.Ramya.G 2. Samridhhi 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 Asi	202141016661	08/04/2021	Published	12/04/2021	2021	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 Date	Published Year	Dept.
52	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
53	2021	1.Lokesh.M 2. Samriddhi 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
54	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
55	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
56	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
57	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
58	2021	R. L. Sankarlal,	R. L. Sankarlal,	Multirotor Horizontal Wind Turbine	202141021169	11/06/2021	Published	11/06/2021	2021	Mech
59	2021	Rajesh S	Rajesh S	Differential And Motor Support For Formula SAE Electric Car	202140117917	30/04/2021	Published	30/04/2021	2021	Mech
60	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
61	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
62	2021	R.M.K. Engineering College	Ms.MPerarasi Mr. Alexander Jeevanantham 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
63	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
64	2021	R.M.K. Engineering College	Ms. S. Srijayanthi Dr. C. Geetha Dr.T.Sethukarasi R. SalVignesh; P. Pranavaraaj; K.N. Gangaraju,	Smart Cane for Visually Impaired People	202141029948	03/07/2021	Published	06/01/2023	2023	CSE
65	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
66	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
67	2021	R.M.K. Engineering College	Mr. S.P.Kanniyappan Dr. BinuSukumar Pranoj.D.M, MohanaKrishnan.A, Ruben Chakravarthi.B	Smart Movable Hydraulic Powered Wall	202141029947	03/07/2021	Published	06/01/2023	2023	CE
68	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

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69	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
70	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
71	2021	R.M.K. Engineering College	Dr.GeethaRamadas Ms.Annie Isabella L Mr.Y.AlexanderJeevanantham Abirami S, Geervani C R, Aarthi S, BeautinDivya R	Automated Fish Feeder Using IOT Module	202141029942	03/07/2021	Published	06/01/2023	2023	EEE
72	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
73	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
74	2021	Ms.R.Pavaiyarkarasi	Ms.R.Pavaiyarkarasi	Detection Of Glaucoma Using Image Processing	202141026746	16/06/2021	Published	02/07/2021	2021	ECE
75	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
76	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
77	2021	S. ANITA	S. ANITA	PORTABLE SOLAR COAT FOR CHARGING ELECTRIC VEHICLE	202141045825	08/10/2021	Filed			EEE
78	2021	K. BALA MAHESWAR	K. BALA MAHESWAR	SMART COLLEGE BELL AUTOMATION USING ARDUINO	202141045826	08/10/2021	Filed			EEE
79	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	Granted Patent No - 558652	Published on 04/02/2022, Granted on 24/01/2025	2022	ECE
80	2021	R.M.K. Engineering College	Lokesh U Jayender R Parvathi Priya Lalitha Ramachandran S.Vijayakumar Dr.SMeenakshi Dr. M Meena Dr. S. D. Uma Mageswari Dr.S.Pavaimadheswari	Virtual mouse system using object detection	202141059518	20/12/2021	Granted Patent No - 541321	Published on 04/02/2022, Granted on 10/06/2024	2022	SH
81	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 IRLD Lights	202141058741	16/12/2021	Published & Exam Fee paid	04/02/2022	2022	EEE
82	2021	R.M.K. Engineering College	Pranoj.D.M Mr. S. Aravind Dr.BinuSukumar	3-D Print Surface Smoothing By Mechanical Smoothing Multi-Axis Probe	202141058739	16/12/2021	Granted Patent No - 519665	Published on 04/02/2022 , Granted on 05/03/2024	2022	CE
83	2021	R.M.K. Engineering College	Mr.K Vijay Anand Mr. Prabhu U Ms. N. Nirmitha Mr. Lokamithran Mr. Mohammed Hasim Dr. K. A. Mohamed Junaid 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	Published on 04/02/2022 and Granted on 28/10/2024	2022	EIE

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84	2021	R.M.K. Engineering College	Sam Bennyhin 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
85	2021	R.M.K. Engineering College	Ashwin Kumaar R B Avinash M Balaji K Sengottaiyan K Dr.K.R Senthil Kumar	Design and Fabrication of Robotic Arm for Painting Operation	202141058736	16/12/2021	Granted Patent No: 554379	Published on 04/02/2022 & Granted on 14/11/2024	2022	Mech
86	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
87	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
88	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
89	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
90	2021	1 . Dr. B.Jaison 2 . Dr. R. Dhanalakshmi 3 . Mr. S. Vijayakumar 4 . Ms. S. Srijoyanthi 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. Srijoyanthi 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
91	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
92	2021	R. L. Sankarlal, D.	R. L. Sankarlal, G.Mahendran	Autonomous Terrain Maintainer for Water Bodies202141056359 A & 04/12/2021	202141056359	04/12/2021	Published	10/12/2021	2021	Mech
93	2021	Mr.C.Jeyabalan	Mr.C.Jeyabalan	Composite LPG Cylinder using GFRP with Al alloy matrix	202141025442A	25/06/2021	Published	25/05/2021	2021	Mech
94	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)VISHNU S	DIFFERENTIAL AND MOTOR SUPPORT FOR ELECTRIC FORMULA RACE CARS	202141017917 A	19/04/2021	Published	30/04/2021	2021	Mech
95	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
96	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

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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 Date	Published Year	Dept.
97	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
98	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
99	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	SELF-BALANCING OF ELECTRIC TWO-WHEELER USING GYROSCOPE	202141051121 A	19/11/2021	Published	26/11/2021	2021	Mech
100	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	AUTOMATED PINEAPPLE PEELING MACHINE USING PNEUMATIC SOLENOID VALVE	202141051954 A	26/11/2021	Published	03/12/2021	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 Date	Published Year	Dept.
101	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
102	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
103	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
104	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
105	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
106	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 Ponnurugan	IOT based automatic water clarity measurement system powered by solar cells	202141020761	07/05/2021	Published	11/06/2021	2021	ECE
107	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. BHUVANESHWARI 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
108	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
109	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
110	2021	R.M.K. Engineering College	Dr.P.Kavitha, Mr.M.P.Karthikeyan, Ms.N. Banupriya, Ms.Jasmine Gilda, Ms.D.Ivya 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
111	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

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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 Date	Published Year	Dept.
112	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
113	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
114	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
115	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
116	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
117	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
118	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
119	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
120	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.Santhi 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
121	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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122	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
123	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
124	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
125	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
126	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
127	2022	R.M.K. Engineering College	Mr.Gopalakrishnan. A Mr.Tharun Kumar. A Mr.Thilak. S.M. Ms.Priyadharshini Ms.Pravaeena Dr.N.M. Jothi Swaroopan Dr. T.Ganese kartan	AFFORDABLE UAV FERTILIZER DISTRIBUTOR	202241019808	31/03/2022	Published & Exam Fee paid	13/05/2022	2022	EIE
128	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.Ganese kartan	ANTI-SNOOZE DEVICE	202241019807	31/03/2022	Published & Exam Fee paid	13/05/2022	2022	EIE
129	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
130	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
131	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
132	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
133	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
134	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
135	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

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136	2022	P. LATHA Ms. T.D.Subha	P. LATHA Ms. T.D.Subha	IoT based Intrusion Discovery and Filtering System by Using Raspberry-Pi	202241001811	12/01/2022	Published	28/01/2022	2022	ECE
137	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
138	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
139	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
140	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
141	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
142	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
143	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
144	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
145	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
146	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
147	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
148	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
149	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	23/09/2022	Published	23-09-2022	2022	ECE
150	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	Granted	28.10.2022	2022	CSBS

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151	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
152	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
153	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
154	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	Granted Patent No : 577201	Published on 18/11/2022, Granted on 26/05/2025	2022	CE
155	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	Granted Patent No : 566689	Published on 18/11/2022, Granted on 26/05/2025	2022	ECE
156	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	Granted Patent No: 582514	Published on 18/11/2022, Granted on 26/05/2025	2022	IT
157	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
158	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	Granted Patent No : 568608	published on 18/11/2022, Granted on 26/05/2025	2022	EEE
159	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
160	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
161	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
162	2022	1 . Dr. Binu Sukumar Dr. A. Hemamathi	2 . 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

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163	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
164	2022	Mr. K. Naresh kumar Thapa	Mr. K. Naresh kumar Thapa	AI based Gas detection and prevention device using micrcontroller and zigbee approach	202241007199	10/02/2022	Published	18/02/2022	2022	ECE
165	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
166	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
167	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
168	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
169	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
170	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
171	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
172	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
173	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
174	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	IoT based smart Stroke Disease prevention system using data mining approach in medical field	202241015281	19/03/2022	Published	25.3.2022	2022	SH
175	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

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176	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
177	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
178	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
179	2022	Mr. Vijayabaskar	Mr. Vijayabaskar	A convolutional Neural network based structural health monitoring system	202241050946	06/09/2022	Published	16/09/2022	2022	SH
180	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
181	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
182	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.	16/09/2022	Published	30.9.22	2022	SH
183	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
184	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
185	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
186	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
187	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
188	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
189	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
190	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
191	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
192	2022	Mrs. R. Pavaiyarkarasi	Mrs. R. Pavaiyarkarasi	Soldier Healthcare Monitoring and Tracking System Based on ESP-32 IoT	202241076372 A	28/12/2022	Published	06/01/2023	2023	ECE
193	2022	A.Hemamathi	1 . A.Hemamathi 2 . K.P.Jaya	A PRECAST COLUMN FOUNDATION CONNECTION SYSTEM THROUGH POCKET	202241033174	09/06/2022	Published on 01/07/2022, Granted on 17/11/2023	01/07/2022	2022	Civil
194	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
195	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
196	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
197	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

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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 Date	Published Year	Dept.
198	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
199	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
200	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
201	2023	Dr. Sekar S D	Dr. Sekar S D	VEHICLE OVERLOAD MANAGEMENT SYSTEM	202341016420 A	12/03/2023	Published	17.03.2023	2023	Mech
202	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
203	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
204	2023	Mr. Rajesh S	Mr. Rajesh S	SOLAR-POWERED AUTONOMOUS SEED SOWING MACHINE	202341010538 A.	16.02.2023	Published	31.03.2023	2023	Mech
205	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
206	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	05/05/2023	2023	CSE
207	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	05/05/2023	2023	CSE
208	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
209	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
210	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
211	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
212	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
213	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
214	2023	Y Sukhi	Y Sukhi	Solar Powered Automatic UVC LEDSterilizer Lamp	202341009608	14.02.2023	published	16.06.2023	2023	EEE
215	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

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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 Date	Published Year	Dept.
216	2023	Mr. Jayaram B Kuduru Rahul Farooz B Srinath Anto Spiritus Kingsly Alabazzar Ramesh J K Periasamy	Shaik Mr. Jayaram B Kuduru Rahul Farooz B Srinath Anto Spiritus Kingsly Alabazzar Ramesh J K Periasamy	Shaik Farooz 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
217	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
218	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
219	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
220	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
221	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
222	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
223	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
224	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
225	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
226	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
227	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
228	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
229	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
230	2023	R.M.K Engineering College	Dr.K.Mohamed Junaid, Sheela, M. Logeshwaran, Y. Alexander J. Joselin Jeya Jeevanantham, V. Ramkumar	Design of ISM Band based Patch Antenna for Medical Applications	202341058638	01.09.2023	Published	01/12/2023	2023	ECE

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231	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
232	2023	R.M.K Engineeering 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
233	2023	R.M.K Engineeering College	B Mithun K Chidambarathanu	Freelance marketplace website with reverse bidding system.	202341080342	27/11/2023	Published	22/12/2023	2023	CSBS
234	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	Granted	22/12/2023	2023	CSD
235	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
236	2023	R.M.K Engineeering College	Jaison B Vel Muruges 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
237	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
238	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
239	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
240	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

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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 Date	Published Year	Dept.
241	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
242	2023	R.M.K Engineeering 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
243	2023	R.M.K Engineeering 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
244	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
245	2023	R.M.K Engineeering 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
246	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
247	2023	Anusha P	Anusha P	PREDICTING THE REMOVAL OF MALACHITE GREEN BY BISMUTH FERRITE-BASED PHOTOCATALYSTS USING DEEP LEARNING METHODS	202341083928 A	08/12/2023	Published	05/01/2024	2024	ECE-ACT
248	2024	R.M.K. Engineering College	Chairma Lakshmi K R	INTEGRUM DOMUM AUTOMATION USING IOT WITH CAPTIOUS SECURITY AND FACE RECOGNITION SYSTEM	202441040658	24/05/2024	Published	31/05/2024	2024	EIE
249	2024	R.M.K. Engineering College	1)Dr G Manikandan, 2)Dr. Srijoyanthi S, 3)Dr. Sandra Johnson, 4)Dr. P. Shobha Rani	IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE TECHNIQUES FOR MONITORING THE PROCESS OF COMPETITIVE EXAMINATIONS TO AVOID MALPRACTICES AND LEAKAGE OF QUESTION PAPERS	202441084344	04/11/2024	Published	08/11/2024	2024	ADS
250	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
251	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
252	2023	Dr. S. Meenakshi	Dr. S. Meenakshi	AN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASED SUPPLY CHAIN MANAGEMENT SYSTEM AND METHOD THEREOF	202321002374 A	11/01/2023	Published	27/01/2023	2023	S&H
253	2023	Dr. S. Meenakshi	Dr. S. Meenakshi	MACHINE LEARNING APPROACH BUILT ON BLOCK-SPARSE CODING FOR ACCURATE DEVICE-FREE LOCALIZATION IOT ENVIRONMENT	202311006047 A	31/01/2023	Published	10/02/2023	2023	S&H
254	2023	Mrs.S.Shobana	Mrs.S.Shobana	SYSTEM FOR INTERFACING THE ARTIFICIAL INTELLIGENCE WITH DISTRIBUTED SMART GRIDS	202341007793 A	07/02/2023	Published	17/02/2023	2023	IT
255	2023	Dr. S. Meenakshi	Dr. S. Meenakshi	A Machine Learning Based Solar Photovoltaic Panel Cleaning with Heat reduction system	202341007203 A	04/02/2023	Published	24/02/2023	2023	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 Date	Published Year	Dept.
256	2023	Mrs.S.Shobana	Mrs.S.Shobana	ARTIFICIAL INTELLIGENCE AND IOT BASED SMART HOUSE FOR ACTIVITY RECOGNITION	202341011187 A	18/02/2023	Published	17/03/2023	2023	IT
257	2023	R.M.K. Engineering College	Dr. A.Jagadesan	Investigations on the growth, optical, thermal, laser damage threshold and dielectric studies of 4-aminopyridinium 4-nitrophenolate 4-nitrophenol single crystal: A favourable Second order organic nonlinear optical material	202341015390 A	08/03/2023	Published	17/03/2023	2023	S&H
258	2023	Anusha P	Anusha P	ROBUST AND EFFICIENT DETECTION OF CANCER DETECTION USING MACHINE LEARNING AND DEEP LEARNING TECHNIQUES	202321015802 A	09/03/2023	Published	24/03/2023	2023	ECE
259	2023	R.M.K. Engineering College	Dr. P. Kavitha	AN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASED SYSTEM FOR IMAGE RECOGNITION AND METHOD THEREOF	202341027711 A	14/04/2023	Published	05/05/2023	2023	CSE
260	2023	Anusha P	Anusha P	GLOBAL AND NATIONAL CONTEXT AGGREGATION NETWORK TEMPORAL DETECTION BASED ON DEEP LEARNING MODEL	202341025111 A	02-04-2023	Published	05/05/2023	2023	ECE
261	2023	Dr. S. Meenakshi	Dr. S. Meenakshi	A METHOD FOR AVOIDING REDUNDANT TRANSMISSION OF DATA MESSAGES IN COMMUNICATION USING MACHINE LEARNING	202311020794 A	23-03-2023	Published	19/05/2023	2023	S&H
262	2023	R.M.K Engineering College	1)Ms. G.Nishanthi 2)Dr. B.Jaison 3)Mrs. S.Rohini 4)Mr. D.Ramalingam 5)Mrs. Baby Shamini P	AN ARTIFICIAL INTELLIGENCE - POWERED FRAUD DETECTION AND PREVENTION SYSTEM AND METHOD THEREOF	202341032298 A	07/05/2023	Published	16/06/2023	2023	CSE
263	2023	R.M.K Engineering College	1)Dr. B.Jaison 2)Mr. Kirubakaran D 3)Ms. G.Nishanthi 4)Mrs. S.Rohini 5)Mrs. Baby Shamini P	ROLE OF MACHINE LEARNING IN TRAFFIC PREDICTION INSIDE THE INTELLIGENT TRANSPORTATION SYSTEM	202341032292 A	07/05/2023	Published	16/06/2023	2023	CSE
264	2023	1)Dr. P. Chinnasamy 2)Dr. K. Srinivas Rao 3)Mr. Vivekananda Shonti 4)Mr. L. Anoop Sai Kashyup 5)Mr. G. Sohan Reddy 6)Mr. Sk. Adeep Pasha 7)Dr. Ramesh Kumar Ayyasamy 8)Dr J. Sathiamoorthy	1)Dr. P. Chinnasamy 2)Dr. K. Srinivas Rao 3)Mr. Vivekananda Shonti 4)Mr. L. Anoop Sai Kashyup 5)Mr. G. Sohan Reddy 6)Mr. Sk. Adeep Pasha 7)Dr. Ramesh Kumar Ayyasamy 8)Dr J. Sathiamoorthy	MACHINE LEARNING BASED USER – FRIENDLY PREDICTION OF PLANT DISEASES USING CLOUD OF THINGS	202341040499 A	14/06/2023	Published	30/06/2023	2023	CSD
265	2023	R.M.K Engineering College	1)Dr.J.Jeno Jasmine 2)Ms. Llampiray P 3)Dr.S.Selvi 4)Mr. Prabhu V 5)Dr.A.Thilagavathy	ROLE OF AI AND BLOCKCHAINS IN MAKING VARIOUS SEGMENTS OF FINANCIAL SECTOR AUTOMATED AND DECENTRALIZED	202341033397 A	11/05/2023	Published	23/06/2023	2023	CSE
266	2023	1)Dr. R. PORSEIVI 2)Mrs. V. PARIMALA 3)Mr. S DEVAKARAN 4)Mr. BONTU CHANDRA PRAVEEN 5)Dr. G. NIRMALA 6)Mr. RAMESH KRISHNAN S 7)Dr. M. SOWMIYA MANOJ 8)Ms. M. ARULMOZHI 9)Ms. S. MAHALAKSHMI 10)Mr. V. ASOKAN	1)Dr. R. PORSEIVI 2)Mrs. V. PARIMALA 3)Mr. S DEVAKARAN 4)Mr. BONTU CHANDRA PRAVEEN 5)Dr. G. NIRMALA 6)Mr. RAMESH KRISHNAN S 7)Dr. M. SOWMIYA MANOJ 8)Ms. M. ARULMOZHI 9)Ms. S. MAHALAKSHMI 10)Mr. V. ASOKAN	ARTIFICIAL INTELLIGENCE BASED WIRELESS SENSOR NETWORK FOR DISTRIBUTED AGRICULTURAL WEATHER STATION	202341037769 A	01/06/2023	Published	30/06/2023	2023	CSD
267	2023	1)Anusha P 2)Subharun Pal 3)Athira S 4)Dr. Sheetal Shashikantbhai Pandya 5)Dr Farook Sayyad 6)Ms. Nusrath K. 7)Dr. Rajiv Ranjan Kumar 8)Dr. Anup Kumar 9)Dr. Amit Prakash Sen 10)M Jeevitha 11)Prof. Archana Jethava	2)Mrs. V. PARIMALA	A New Framework for Automatically Recognizing Indian Traffic Signs along the road by using Deep Learning and Machine Learning Algorithms	202341038667 A	06/06/2023	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 Date	Published Year	Dept.
268	2023	1)R.M.K Engineering College	Dr. D.Naveen Raju	AN IOT BASED SYSTEMS FOR PULMONARY ARTERY PRESSURE AND CARDIAC SYNCHRONIZATION MONITORING	202341036399 A	25/05/2023	Published	18/08/2023	2023	CSE
269	2023	1)Dr.A.Thilagavathy 2)Dr.J.Jeno Jasmine 3)Dr. D.Naveen Raju 4)Dr. Lakshmi Haritha M 5)Dr.P.R.Therasa	4)Mr. BONTHU CHANDRA PRAVEEN	MOBILE AI CHALLENGE QUICK AND ACCURATE QUANTIZED CAMERA SCENE DETECTION ON SMARTPHONES	202341033418 A	11/05/2023	Published	18/08/2023	2023	CSE
270	2023	1)R.M.K Engineering College	5)Dr. G. NIRMALA	GREEN CLOUD COMPUTING AND ENERGY EFFICIENCY	202341032318 A	08/05/2023	Published	18/08/2023	2023	S&H
271	2023	1)Dr.M.Karthick 2)Mr.K.Sabari 3)Mr.K.Narayanamoorthy 4)Mr.Kurmana Premakumar 5)Mr. R. Venkatesh 6)K R Senthil Kumar 7)Dr.N.Parthipan	6)K R Senthil Kumar	PARAMETER OPTIMIZATION FOR FRICTION STIR WELDING UTILIZING THE MIXEDINTEGER DYNAMIC PROGRAMMING (MCDM) APPROACH	202341051482 A	31/07/2023	Published	01/09/2023	2023	MECH
272	2023	1)R.M.K Engineering College	1)Dr. D.Naveen Raju	AN METHOD AND SYSTEM TO MODIFY SPEECH IMPAIRED MESSAGES UTILIZING MACHINE LEARNING BASED AUDIO FILTERS	202341036620 A	26/05/2023	Published	01/09/2023	2023	CSE
273	2023	1)R.M.K. Engineering College 2)T.D. Subha	2)T.D. Subha	Microcontroller based lighting sensor circuit	202341036346 A	25/05/2023	Published	01/09/2023	2023	ECE
274	2023	1)Dr. R.S.Ganesh 2)Dr. C. Esther Jeyanthi 3)S.Mahalingam 4)Mrs. M.Baby Anusha 5)K. Jamal 6)Mr. Maravarma M 7)Premkumar R	9)Ms. S. MAHALAKSHMI	A SYSTEM FOR PROVIDING SECURITY AND PRIVACY IN 5G WIRELESS NETWORKS AND DETECTING THREATS PROVIDING COUNTERMEASURES, AND CRYPTOGRAPHIC PROTOCOLS	202341057342 A	26/08/2023	Published	08/09/2023	2023	CSD
275	2023	1)R.Selvakumar 2)Helina Rajini Suresh 3)Rajeshwari. R 4)S'Mahalakshmi 5)S Deepa 6)Christeena Joseph 7)R. Reni Hena Helan 8)Sathiyandrakumar Srinivasan 9)D.Suresh 10)Siva T	4)S.Mahalakshmi	IOT SYSTEM FOR ADDRESSING HOMELESSNESS EMPLOYING BIG DATA ANALYTICS	202341037758 A	01/06/2023	Published	29/09/2023	2023	CSD
276	2023	1)Anusha P 2)Dr. Sanjay C. Patil 3)Jyoti Amarnath Kori 4)P. Umadevi 5)Varunkumar Mishra 6)Prakash.K 7)Dr. Jaidev Kumar 8)Dr. Droupti Yadav 9)S. Nageswari 10)Dr. Pasupuleti Subrahmanya Ranjit 11)Mr. Prashant Krishnaji Kulkarni	1)Anusha P 2)Dr. Sanjay C. Patil 3)Jyoti Amarnath Kori 4)P. Umadevi 5)Varunkumar Mishra 6)Prakash.K 7)Dr. Jaidev Kumar 8)Dr. Droupti Yadav 9)S. Nageswari 10)Dr. Pasupuleti Subrahmanya Ranjit 11)Mr. Prashant Krishnaji Kulkarni	SYSTEMATIC STUDY TO UNDERSTAND THE IMPORTANCE OF AI, ML AND IOT INTEGRATED TECHNIQUES IN REVOLUTIONIZING AGRICULTURE ALONG WITH ANALYSIS OF CHALLENGES	202341060039 A	06/09/2023	Published	06/10/2023	2023	ECE
277	2023	1)Dr.P.Jayaseelan 2)Mr. K. Vetri Velmurugan 3)Dr. Krishnamohan Reddy Kunduru 4)Dr. B. Dhanasakkaravarthi 5)Mr.N.Rajiv Kumar 6)Dr. Nixon Samuel Vijayakumar G	1)Dr.P.Jayaseelan 2)Mr. K. Vetri Velmurugan 3)Dr. Krishnamohan Reddy Kunduru 4)Dr. B. Dhanasakkaravarthi 5)Mr.N.Rajiv Kumar 6)Dr. Nixon Samuel Vijayakumar G	AN ECO-FRIENDLY NATURAL FIBER COMPOSITES FOR MARINE APPLICATIONS	202341059266 A	04/09/2023	Published	06/10/2023	2023	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 Date	Published Year	Dept.
278	2023	1)Dr. V. VIDYA LAKSHMI 2)SUMITHRA S 3)DHARSHINI T 4)KAVIYA. M 5)B R RAHUL 6)NANDAKRISHNA S 7)MANIKANDAN S 8)ARUN KUMAR. M 9)ESWAR. A 10)VIMALKANTH.B	5)B R RAHUL	DESIGN AND IMPLEMENTATION OF SMART INTRUDER SURVEILLANCE SYSTEM FOR MILITARY APPLICATION	202341068618 A	12/10/2023	Published	27/10/2023	2023	MECH
279	2023	1)V.CHOUDRI 2)C.K.SIVASHANKARI 3)VEDAMANICKAM D 4)S.A.ENGINEERING COLLEGE	1)V.CHOUDRI 2)C.K.SIVASHANKARI 3)VEDAMANICKAM D 4)S.A.ENGINEERING COLLEGE	PRODUCTION INVENTORY MODEL WITH DETERIORATING ITEMS, TWO RATES OF PRODUCTION COST AND TAKING ACCOUNT	202341078609 A	20/11/2023	Published	01/12/2023	2023	S&H
280	2023	1)Anusha P 2)Dr. Vijay Shivaji Patil 3)Ajay Kumar Sahu 4)Dr. A.S. Arunachalam 5)Yaminipriya S 6)Dr Amar Baliram Abhrange 7)Ms C. Ratna Mary 8)J. Josphin Mary 9)Dr Shravankumar Arjunagi 10)Shruthi S A 11)Dr. Manoj Dhondbaji Mudholkar	1)Anusha P 2)Dr. Vijay Shivaji Patil 3)Ajay Kumar Sahu 4)Dr. A.S. Arunachalam 5)Yaminipriya S 6)Dr Amar Baliram Abhrange 7)Ms C. Ratna Mary 8)J. Josphin Mary 9)Dr Shravankumar Arjunagi 10)Shruthi S A 11)Dr. Manoj Dhondbaji Mudholkar	AN ANALYSIS AND MONITORING THE BODY MOVEMENTS OF COMA PATIENTS USING WEARABLE MOTION SENSOR SYSTEM	202341070769 A	17/10/2023	Published	01/12/2023	2023	ECE
281	2023	1)N M Jothi Swaroopan 2)A Jaya Mabel Rani 3)R.M.K. Engineering College	1)N M Jothi Swaroopan 2)A Jaya Mabel Rani 3)R.M.K. Engineering College	NANOSTRUCTURED MATERIALS CONSTRUCTED USING CLICK CHEMISTRY TECHNIQUES	202341073104 A	27/10/2023	Published	15/12/2023	2023	EEE
282	2023	1)Dr. Santhi M George 2)Dr. Priyanka Bhatnagar- 3)Dr. Saurabh Dave 4)Dr. Bhojaraja B.E 5)Dr. A. Kistan 6)Dr. M Anusuya	1)Dr. Santhi M George	NANOSTRUCTURED MATERIALS CONSTRUCTED USING CLICK CHEMISTRY TECHNIQUES	202341077551 A	14/11/2023	Published	22/12/2023	2023	S&H
283	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
284	2024	1)R.M.K. Engineering College 2)Dr T Gnanasekaran	Dr T Gnanasekaran	DEVICE FOR ATM CARD FOR MULTIPLE BANK ACCOUNTS	202441022999 A	23/03/2024	Published	29/03/2024	2024	EIE
285	2024	R.M.K. Engineering College	1)Mr. Sai Sharan Purushothaman 2)Mr. Nehith M 3)Mr. Venkata sri sagar somisetty 4)Ms. Sahana S 5)Ms. Ektha Sudhakar Reddy 6)Mr. Sainaath R 7)Mr. Akshay B 8)Dr. A Merline	VERILOG IMPLEMENTATION OF SELF-HEALING MECHANISMS IN DIGITAL CIRCUITS	202441079168 A	18/10/2024	Published	25/10/2024	2024	CSE
286	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
287	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
288	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 Date	Published Year	Dept.
289	2024	Dr. A. Jagadesan	Dr. A. Jagadesan	BUILDING STRUCTURAL MATERIAL FOR BUILDING- STANDARD STEEL-FRAMED STEEL MATERIAL AND ITS MANUFACTURING METHOD	202421018907 A	14/03/2024	Published	12/04/2024	2024	S&H
290	2024	R.M.K. Engineering College	Dr. S. Selvakumari, 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
291	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
292	2024	1)Dr. G. Adilakshmi 2)Dr. Rapolu Sridhar 3)Dr. D. Sudha 4)Mr. Mihirkumar Bhailalbhair Suthar 5)Dr. Asa Jyothi G 6)Dr. Rajib Kumar Dash 7)Dr. Sharad Timaji Tajane 8)Dr. Archana Kocharekar 9)Dr. Pradnya Lokhande 10)Dr. Jaya Gade	1)Dr. G. Adilakshmi 2)Dr. Rapolu Sridhar 3)Dr. D. Sudha 4)Mr. Mihirkumar Bhailalbhair Suthar 5)Dr. Asa Jyothi G 6)Dr. Rajib Kumar Dash 7)Dr. Sharad Timaji Tajane 8)Dr. Archana Kocharekar 9)Dr. Pradnya Lokhande 10)Dr. Jaya Gade	METAL OXIDE NANO FIBERS FOR INDUSTRY APPLICATIONS	202441062790 A	20/08/2024	Published	23/08/2024	2024	CSE
293	2024	R.M.K. Engineering College	Dr. G. Nixon Samuel Vijayakumar	ELECTROSPUN ZNO/CUO NANOCOMPOSITE FIBRES: A PROSPECTIVE SECOND ORDER NON-LINEAR OPTIC NANO-PHASED MATERIAL	202441011547	19/02/2024	Published	08/03/2024	2024	S&H
294	2024	Dr. K R Senthil Kumar	Dr. K R Senthil Kumar	INTERNAL COMBUSTION ENGINE SYSTEM WITH NOVEL ALTERNATIVE FUEL INJECTION SYSTEM AND METHOD THEREOF	202441006619	31/01/2024	Published	09/02/2024	2024	MECH
295	2024	R.M.K. Engineering College	Mr. C. M. Varun, Dr. K. Chidambaram	STUDESK - An Innovative Smart Desk for Classrooms	202441065830	30/08/2024	Published	13/09/2024	2024	CSBS
296	2024	R.M.K. Engineering College	FAISAL SADIQ BASHA, DEEPAK P, EBENEZER NITIN PN, JISHA ARAVIND, B RAKSHNA PRIYA, C. M. Varun, K. Chidambaram	Integrated Vehicle Performance Diagnostics and Optimization System with OBD-II, GPS, and Cellular Connectivity	202441065831	30/08/2024	Published	13/09/2024	2024	CSBS
297	2024	1)Dr. K. Dhanalakshmi 2)Dr. D. Sarulatha 3)Mr. M. Ravikumar 4)Dr. A. Kadirvel 5)Dr. M. M. Gopi 6)Dr. A. Madhusudhana Rao 7)Dr. Y. Aneel 8)K. C. Mythili 9)Dr. L. Mayavan 10)Mrs. Pearlina	1)Dr. K. Dhanalakshmi 2)Dr. D. Sarulatha 3)Mr. M. Ravikumar 4)Dr. A. Kadirvel 5)Dr. M. M. Gopi 6)Dr. A. Madhusudhana Rao 7)Dr. Y. Aneel 8)K. C. Mythili 9)Dr. L. Mayavan 10)Mrs. Pearlina	TECHTONGUE: REVOLUTIONIZE YOUR ENGLISH VOCABULARY WITH TECHNOLOGY	202441040080 A	22/05/2024	Published	31/05/2024	2024	CSE
298	2024	R.M.K. Engineering College	Mr. Gnanes S S Dr. K. R. Chairma Lakshmi Dr. P. Umaeswari Mr. Thirusarabesh S S	AUTOMATED TRAFFIC SIGNAL MANAGEMENT WITH EMERGENCY VEHICLE DETECTION AND DENSITY-BASED CONTROL	202441080057	21/10/2024	Published	25/10/2024	2024	CSBS
299	2024	R.M.K. Engineering College	1)Dr. M. Meena 2)Dr. A. Vijayalakshmi	GREEN TECHNIQUE FOR SYNTHESIS OF POLYETHYL METHACRYLATE	202441005534	27/01/2024	Published	09/02/2024	2024	S&H
300	2024	1)R.M.K. Engineering College 2)Dr. M.S. Kavitha	Dr. M.S. Kavitha	DATA ENCODER AND DECODER USING PRIVATE MORSE CODE	202441022997 A	23/03/2024	Published	29/03/2024	2024	ECE
301	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
302	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
303	2024	R.M.K. Engineering College	1)Dr. R. Subhashini 2)Dr. S. Pavai Madheswari 3)Mr. R. R Sanjith 4)Mr. V. Adithya	Organic Bed Coverings Embedded with Deep-Q-Network for Alleviating the Effect of Pressure-Ulcer in Patients	202441092950 A	27/11/2024	Published	06/12/2024	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 Date	Published Year	Dept.
304	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
305	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
306	2023	R.M.K. Engineering College	1)V Karthikeya Reddy 2)V Abhilash 3)D Santhosh 4)E S Vighnesh 5)N Vijay 6)J Victo Jerish 7)Dr. P. S. Latha Mageshwari 8)Dr. S. D. Uma Maheswari	MOVING AND OBSTACLE AVOIDING ROBOT USING WI-FI AND LORAWAN TECHNOLOGY	202341041711	23/06/2023	Published	12/01/2024	2024	S&H
307	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
308	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
309	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
310	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
311	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
312	2024	R.M.K. Engineering College	Sri Likhita Adu; Dr. M. Hemalatha	VAGON – A Queue Management System for Indian Bus Stands	202441065832	30/08/2024	Published	13/09/2024	2024	ADS
313	2024	R.M.K. Engineering College	Dr. P. Shobha Rani Dr. Sandra Johnson Dr Manikandan G Dr. SRIJAYANTHI S	ARTIFICIAL INTELLIGENCE BASED APPROACH FOR AUTOMATION AND DISPLAY OF TRUE EVENTS AND COMMENTS ON SOCIAL MEDIA PLATFORMS	202441074199	01/10/2024	Published	11/10/2024	2024	ADS
314	2024	R.M.K. Engineering College	Dr. Sandra Johnson Dr. P. Shobha Rani Dr Manikandan G Dr. SRIJAYANTHI S	ARTIFICIAL INTELLIGENCE BASED TECHNIQUES FOR AUTOMATION AND OPTIMIZATION OF PUBLIC TRANSPORTATION SYSTEMS IN SMART CITIES	202441073488	28/09/2024	Published	04/10/2024	2024	ADS
315	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

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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 Date	Published Year	Dept.
316	2023	R.M.K. Engineering College	1)Dr. T. Ramesh	TASK SCHEDULING FOR MACHINE-LEARNING WORKLOADS IN CLOUD COMPUTING	202341087890 A	21/12/2023	Published	12/01/2024	2024	CSE
317	2024	R.M.K. Engineering College	Dr. T. Ramesh	A SYSTEM AND METHOD FOR DETECTING UNDER-UTILIZED FEATURES AND PROVIDING TRAINING, INSTRUCTION, OR TECHNICAL SUPPORT IN A CLOUD-BASED OBSERVATION PLATFORM	202441057054	26/07/2024	Published	02/08/2024	2024	CSE
318	2023	R.M.K Engineeering 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
319	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	Granted	13/09/2024	2024	CSE
320	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
321	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
322	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
323	2024	1 . R.M.K. Engineering College 2 . Dr. J. Jeno Jasmine	Dr.J.Jeno Jasmine	Fruit Analysis and Disease Prediction System	202441022996	23/03/2024	Published	29/03/2024	2024	CSE
324	2023	1)Dr.K.Dhanalakshmi 2)Dr.D.Sarulatha 3)Mr. M. Ravikumar 4)Dr A.Kadirvel 5)Ms. M. Rubitha 6)Ms. R.Valarmathi 7)Ms.R.Jeyalakshmi 8)Dr. L. Mayavan 9)Dr.T.Sathyaseelan 10)Dr.S. Prema	1)Dr.K.Dhanalakshmi 2)Dr.D.Sarulatha 3)Mr. M. Ravikumar 4)Dr A.Kadirvel 5)Ms. M. Rubitha 6)Ms. R.Valarmathi 7)Ms.R.Jeyalakshmi 8)Dr. L. Mayavan 9)Dr.T.Sathyaseelan 10)Dr.S. Prema	CODING CULTURE: ENGLISH LANGUAGE LEARNING IN THE TECH INDUSTRY	202341088595 A	25/12/2023	Published	19/01/2024	2024	S&H
325	2024	R.M.K. Engineering College	1)Dr.Naveen Raju D 2)Ms.S.Rohini 3)Ms.P.ILampiray 4)Dr.A.Thilagavathy 5)P.R.Therasa	A METHOD FOR IDENTIFYING HIDDEN PATTERNS IN LARGE DATASETS USING DEEP LEARNING TECHNIQUES	202441033458 A	26/04/2024	Published	10/05/2024	2024	CSE
326	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
327	2024	Dr.S.Anita	Dr.S.Anita	A NOVEL LIGHT EMITTING DIODE LUMINESCENT SYSTEM WITH HIGH ENERGY CONSERVATION EFFICIENCY	202441081783	26/10/2024	Published	01/11/2024	2024	EEE
328	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
329	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
330	2024	R.M.K. Engineering College	Dr.S.Selvi	A SYSTEM BY USING NEURAL NETWORKS FOR 3D SURFACE STRUCTURE ESTIMATION BASED ON REAL-WORLD DATA FOR AUTONOMOUS SYSTEMS AND APPLICATIONS	202441023030 A	23/03/2024	Published	29/03/2024	2024	CSE
331	2024	R.M.K. Engineering College	1)Dr.S.Thanga Ramya 2)Ms. S. Mahalakshmi 3)Gayathri P J 4)Harini S 5)Haripriya K 6)Haritha Srinidhi K R	A MOBILE APPLICATION PROTOTYPE OF CONSTRUCTION MATERIALS PROCUREMENT	202441042644 A	31/05/2024	Published	14/06/2024	2024	CSD

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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 Date	Published Year	Dept.
332	2024	R.M.K. Engineering College	1)Dr.S.Thanga Ramya 2)MsJ Divya 3)M.NITHYA PRIYA 4)N D SHAMYUKTHA 5)N D SHAMYUKTHA	AR TECHNOLOGY FOR CANCER TREATMENT	202441042645 A	31/05/2024	Published	14/06/2024	2024	CSD
333	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
334	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
335	2024	1)Dr.V.R.Kavitha 2)Ms.P.Ilampiray 3)Dr.Naveen Raju D 4)Ms. Gayathri S 5)R.Deepa	1)Dr.V.R.Kavitha 2)Ms.P.Ilampiray 3)Dr.Naveen Raju D 4)Ms. Gayathri S 5)R.Deepa	FUZZY LOGIC BASED DECISION SUPPORT SYSTEM FOR HEALTHCARE DIAGNOSTICS	202441041288 A	28/05/2024	Published	31/05/2024	2024	CSE
336	2024	Harish Gnanasambanthan. G	Harish Gnanasambanthan. G	FOOTPRINTS OF HEALTH: MULTIVARIATE GAIT ANALYSIS UNDER VARIOUS WALKING CONDITIONS	202441067560	06/09/2024	Published	13/09/2024	2024	ECE
337	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
338	2024	Karthikeyan Chandrasekaran	Karthikeyan Chandrasekaran	DESIGN AND IMPLEMENTATION OF AN INTELLIGENT ELECTRIC ENERGY MEASUREMENT SYSTEM FOR RESIDENTIAL USERS	202441063386	22/08/2024	Published	30/08/2024	2024	ECE
339	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
340	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
341	2024	R.M.K. Engineering College	1)Mr. S. Rajesh 2)Mr. N. Mohanrajhu	DESIGN AND DEVELOPMENT OF HOT OVEN AIR DRIER	202441094396 A	01/12/2024	Published	13/12/2024	2024	MECH
342	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
343	2023	R.M.K. Engineering College	1)Ms. B. Bharathi 2)Dr. P. Kavitha 3)Dr. S D Lalitha	WORKFLOW SCHEDULING IN FOG-CLOUD COMPUTING USING A QUANTUM GENETIC ALGORITHM	202341088386 A	22/12/2023	Published	19/01/2024	2024	CSE
344	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
345	2024	1)R.M.K. Engineering College 2)Ms. Nishanthi G 3)Mr. Phabu V 4)Ms.Rohini S 5)Mr.Ramalingam D 6)Mr.Kirubakaran D	1)Ms. Nishanthi G 2)Mr. Phabu V 3)Ms.Rohini S 4)Mr.Ramalingam D 5)Mr.Kirubakaran D	BULK SMS COMMUNICATION PORTAL	202441022998 A	23/03/2024	Published	29/03/2024	2024	CSE
346	2024	R.M.K. Engineering College	1)Ms. R. Pavaiyarkarasi 2)Ms.P.Anusha	BORDER SECURITY ROBOT USING AI TECHNOLOGY	202441042217 A	30/05/2024	Published	07/06/2024	2024	ECE
347	2024	R.M.K. Engineering College	1)Ms. R. Pavaiyarkarasi 2)Mr.T.Arulmurugan	MEDICINE DELIVERING AND PATIENT PARAMETER MONITORING ROBOT	202441042215 A	30/05/2024	Published	14/06/2024	2024	ECE
348	2024	R.M.K. Engineering College	1)Ms. R. Pavaiyarkarasi 2)Ms.P.Anusha	RELIABLE MINING HEAD GEAR	202441042221 A	30/05/2024	Published	14/06/2024	2024	ECE
349	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

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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 Date	Published Year	Dept.
350	2024	R.M.K. Engineering College	1)Ms.S.Mahalakshmi 2)Ms.B.Maheswari	REGENERATIVE CHARGING BASED ELECTRICAL VEHICLES	202441042219 A	30/05/2024	Published	14/06/2024	2024	CSD
351	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
352	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
353	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
354	2024	R.M.K. Engineering College	Harish Gnanasamhanthan. G	A Wireless IOT system towards GAIT detection in stroke patients	202441102263	23/12/2024	Published	10/01/2025	2025	ECE
355	2024	R.M.K. Engineering College	S Srijayanthi, Sandra Johnson, P. Shobha Rani , G Manikandan	ARTIFICIAL INTELLIGENCE BASED WEARABLE DEVICE FOR MONITORING EARLY PREDICTION AND PREVENTION OF CARDIOVASCULAR DISEASES	202441103246	26/12/2024	Published	10/01/2025	2025	ADS
356	2024	R.M.K. Engineering College	Dr. M. Meena, A. Vijayalakshmi	Nano metal oxide loaded Chitosan polymer metal complexes for photocatalytic degradation of pharma pollutants	202441100697	19/12/2024	Published	10/01/2025	2025	S&H
357	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
358	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
359	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
360	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
361	2025	R.M.K. Engineering College	MR.K. VIJAY ANAND; DR. T. SURESH; THARANI. R; SREEVARSHAN. J; SRI SIVA KAVYA. R; V. HARITHA.	Vigilant AI-Powered Fall Detection with Embedded LiDAR Technology	202541013131	15/02/2025	Published	21/02/2025	2025	ECE
362	2025	R.M.K. Engineering College	Dr. B.Sarala, Dr.J.Jasmine Hepzhipah, M. Perarasi, Dr.T.Suresh	SMART SHOPPING SYSTEM	202541013132	15/02/2025	Published	21/02/2025	2025	ECE
363	2025	R.M.K. Engineering College	B.Sarala, T. Suresh, J.Jasmine Hepzhipah, A. Perarasi.	OpenCV based Driver Accident Prevention and Detection System with IoT	202541013134	15/02/2025	Published	21/02/2025	2025	ECE
364	2025	R.M.K. Engineering College	MR. VIJAY ANAND.K , DR. T.Suresh VISHAL P V, T HEMACHANDIRAN, VAKATI NANDA VARDHAN , K B VENKATARAMANA	Artificial intelligence-based Catalytic Converter Efficiency Monitoring System using intelligent sensor.	202541013130	15/02/2025	Published	21/02/2025	2025	ECE
365	2025	R.M.K. Engineering College	F. SAMUEL FRANKILN; GOKUL. T; DARSHAN. C. R. A; BHAVESH. K; THIYAGESAN. M; MAGESH. T	Smart Energy Monitoring System Using Raspberry Pi And Graphical Representation Of Energy Consumption	202541013129	15/02/2025	Published	21/02/2025	2025	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 Date	Published Year	Dept.
366	2025	R.M.K. Engineering College	DEEPAK RAJ G,ANANDA RAJA T,SUKHI Y, KAVITHA P	EV CHARGE SUPPORTED SMART STREET LIGHT WITH LOW POWER CONSUMPTION AND SOS	202541013133	15/02/2025	Published	21/02/2025	2025	EEE
367	2025	R.M.K. Engineering College	Dr.A.Vijayaraj, shaikumar.R, Santhosh.V, Tinku Abenas .T, Saravana prabhu .A.N, Gopi Krishna . L	Aerial Intelligence for Forest Management	202541013610	15/02/2025	Published	21/02/2025	2025	EIE
368	2025	R.M.K. Engineering College	Dr. K. R. Senthil Kumar; Dr S.D.Sekar ;Rithvik S; Pittala Sarath; Pratheep S; Ramkumar G	Human Tracking Bot Using Sensor Fusion	202541013177	15/02/2025	Published	21/02/2025	2025	IT
369	2025	R.M.K. Engineering College	Mr.K.Sengottaiyan;Dr.K.R.Senthilkumar	MANURE SPREADER MACHINE FOR AGRICULTURAL FARM FIELD	202541013175	15/02/2025	Published	21/02/2025	2025	MECH
370	2025	R.M.K. Engineering College	Dr.R.Suresh Kumar; Mr.N.Mohanrajhu; Suriya Prasaath M.K; Surya M; Manikandan S; Tharunsai M	BATTERY THERMAL MANAGEMENT SYSTEM IN EVs WITH OSCILLATING HEAT PIPES	202541013174	15/02/2025	Published	21/02/2025	2025	MECH
371	2025	R.M.K. Engineering College	Dr. R. Subhashini ; Dr. S. Pavai Madheswari ; R. R Sanjith ; V. Adithya	Organic Bed Coverings Embedded with Deep-Q-Network for Alleviating the Effect of Pressure-Ulcer in Patients	202541013176	15/02/2025	Published	21/02/2025	2025	S&H
372	2025	R.M.K. Engineering College	Arul Murugan B ; Gowtham Siddharth R ; Guru Ram Saran K P ; Hemanth Kumar T ; Guru Prasath K; Mrs. P.Malini Anand Raj; Mr.N. Mohanraj	Inner Atmospheric Plasma Propulsion Jet with atmospheric voltage gradient	202541013324	15/02/2025	Published	21/02/2025	2025	S&H
373	2025	R.M.K. Engineering College	SHERMA THANGAM S, THILLAK NAREN LG, THIRUGNANAM R, T.SHIVA SHANGARAN, Dr. M. MEENA , Dr. A. VIJAYALAKSHMI, Dr. S. PAVAI MADHESWARI	Ai Hologram Video Generator	202541013323	15/02/2025	Published	21/02/2025	2025	S&H
374	2025	R.M.K. Engineering College	Dr. P. S. Latha Mageshwari	Optical behavior and dielectric behavior of Cadmium Chloride doped Lithium Sulphate Monohydrate single crystals	202541000866	03/01/2025	Published	10/01/2025	2025	S&H
375	2025	R.M.K. Engineering College	Dr. A. Vijayalakshmi, Dr. M. Meena	Nano metal oxide loaded Chitosan polymer metal complexes for photocatalytic degradation of pharma pollutants	202441100697	19/12/2024	Published	10/01/2025	2025	S&H
376	2025	R.M.K. Engineering College	B. SARATHA	IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE TECHNIQUE FOR HAZARD DETECTION AND PREDICTIVE MAINTENANCE OF HIGHWAYS	202541001595	07/01/2025	Published	17/01/2025	2025	ADS
377	2025	R.M.K. Engineering College	Dr. V.R. Kavitha	Blood Cancer Cells Detection using convolutional neural networks	202541001657	08/01/2025	Published	24/01/2025	2025	CSBS
378	2025	R.M.K. Engineering College	Dr. R. Suresh Kumar	AUTONOMOUS DRONE NAVIGATION SYSTEM	202541004688	21/01/2025	Published	31/01/2025	2025	MECH
379	2025	R.M.K. Engineering College	Dr.D.PAULRAJ, Dr.S.NEELAKANDAN	Air Gesture Controlled System using IoT Devices	202541006803	28/01/2025	Published	07/02/2025	2025	CSE
380	2025	R.M.K. Engineering College	Dr.D.PAULRAJ, Dr.S.NEELAKANDAN	AI Based Communication Device for Blind, Deaf and Dumb	202541006797	28/01/2025	Published	07/02/2025	2025	CSE
381	2025	Dr. Anita. S	Dr. Anita. S	AI-BASED INTEGRATED BUSINESS PERFORMANCE MANAGEMENT PLATFORM	202541008674	03/02/2025	Published	14/02/2025	2025	S&H
382	2025	R.M.K. Engineering College	Dr. S. Karthikeyan	SMART SIDE MIRROR FOR VEHICLES WITH ROAD CONDITION DETECTION AND TURN SAFETY FEATURES	202541009259	04/02/2025	Published	14/02/2025	2025	S&H
383	2025	Dr. Balaramesh Palanivelu	Dr. Balaramesh Palanivelu	HIGH-EFFICIENCY THERMOELECTRIC CONVERTER FOR MEDICAL AND INDUSTRIAL ENERGY HARVESTING	202541009400	05/02/2025	Published	14/02/2025	2025	S&H
384	2025	R.M.K. Engineering College	Dr.V.Vidya Lakshmi	ROBUST IMPLEMENTATION OF A HATE SPEECH DETECTION SYSTEM	202541010706	08/02/2025	Published	14/02/2025	2025	ECE
385	2025	R.M.K. Engineering College	Ms.G.Bhavani	EV CHARGING USING SOLAR PANEL WITH SUN POSITION TRACKING SYSTEM	202541010707	08/03/2025	Published	14/02/2026	2025	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 Date	Published Year	Dept.
386	2025	R.M.K. Engineering College	Dr. Balaramesh Palanivelu	HYDROCARBON REFRIGERANT BLEND FOR ENHANCEMENT IN COP	202541008486	01/02/2025	Published	21/02/2025	2025	S&H
387	2025	R.M.K. Engineering College	Dr.Lalitha Ramachandran	AI BASED STRESS MONITOR DEVICE	202541008063	31/01/2025	Published	14/02/2025	2025	S&H
388	2025	R.M.K. Engineering College	Dr. A. Jagadesan	Automatic Sanitizer Dispenser and Temperature Scanner	202541008095	31/01/2025	Published	14/02/2025	2025	S&H
389	2025	R.M.K. Engineering College	Dr.A.Anna Lakshmi, Dr.A.Vijayaraj, Dr.S. Selvaknmani, Dr.T. Mahalingam	Enhanced Data Encryption Algorithm for Secure Mobile Payments in IoT Ecosystems	202541012918	14/02/2025	Published	07/03/2025	2025	IT
390	2025	R.M.K.Engineering College	Dr.R.Suresh Kumar, Dr.M.Mudhukrishnan, KANIKA S, KIRUTHIKA C G, NALINA S	SMART WATER MONITORING AND CONTAMINATION CONTROLLING AUTOMATED SYSTEM WITH MULTI-SENSOR FUSION AND VOICE ANNOUNCEMENTS	202541014476	20/02/2025	Published	07/03/2025	2025	Mech
391	2025	R.M.K.Engineering College	Mr. R. Thinesh Kumar	MICROWAVE-BASED EXTRACTIVE METALLURGY TO OBTAIN PURE METALS	202541014614	20/02/2025	Published	07/03/2025	2025	S&H
392	2025	R.M.K. Engineering College	Dr. S D Lalitha, Ms. B. Bharathi, Dr. P. Kavitha	IOT-CONTROLLED SMART FARMING SYSTEM UTILIZING SILICON-BASED LED LAMPS	202541015672	22/02/2025	Published	07/03/2025	2025	CSE
393	2025	R.M.K. Engineering College	Dr. T. Sethukarasi, Ms. R. Deepa, Ms. A. Jasmine Gilda	DEEP REINFORCEMENT LEARNING-BASED RESOURCE MANAGEMENT AND TASK SCHEDULING IN HYBRID CLOUD ENVIRONMENTS UTILIZING RENEWABLE ENERGY	202541015738	23/02/2025	Published	07/03/2025	2025	CSE
394	2025	R.M.K. Engineering College	Ms. B. Bharathi, Dr. P. Kavitha, Dr. S D Lalitha	IOT-ENABLED AUTOMATED OXYGEN SUPPLY SYSTEM FOR REAL-TIME MONITORING AND ADAPTIVE DELIVERY	202541015739	23/02/2025	Published	07/03/2025	2025	CSE
395	2025	R.M.K. Engineering College	Ms. A. Jasmine Gilda, Dr. T. Sethukarasi, Ms. R. Deepa	A SYSTEM AND METHOD FOR MOLECULAR DYNAMICS SIMULATIONS USING CLOUD COMPUTING AND MACHINE LEARNING PLATFORMS	202541015816	24/02/2025	Published	07/03/2025	2025	CSE
396	2025	R.M.K. Engineering College	Dr.N.R. Gladiss Merlin, Dr.R. Sheeja, Sasmitha E, Keerthana V, Pavithra J	Harnessing the Power of Digital Technology to Maximize Agricultural Business Profits	202541015886	24/02/2025	Published	07/03/2025	2025	ADS
397	2025	R.M.K. Engineering College	Dr G Vasukidevi	BLOCKCHAIN TECHNOLOGY IN MEDICAL OBSERVATION CARE	202541015898	24/02/2025	Published	07/03/2025	2025	CSE
398	2025	R.M.K. Engineering College	Dr. P. R. Therasa, Ms. P. Ilampiray, Dr. Naveen Raju D, Dr. R. Geetha, Dr. A. Thilagavathy	IOT-ENABLED LED CULTIVATION SYSTEM WITH SMART SENSOR INTEGRATION FOR OPTIMIZED GROWTH CONDITIONS	202541018117	28/02/2025	Published	14/03/2025	2025	CSE
399	2025	R.M.K. Engineering College	Ms. P. Sukania	LPWAN AND IOT BASED SYSTEM FOR INVENTORY MANAGEMENT	202541018998	04/03/2025	Published	21/03/2025	2025	S&H
400	2025	R.M.K. Engineering College	Dr. C. K. Sivashankari	IOT BASED FOOD INVENTORY TRACKING SYSTEM	202541019010	04/03/2025	Published	21/03/2025	2025	S&H
401	2025	R.M.K. Engineering College	Dr. Golden Stepha N	WASTE-TO-ENERGY MANAGEMENT FROM MUNICIPAL WASTES	202541019990	06/03/2025	Published	21/03/2025	2025	S&H
402	2025	R.M.K. Engineering College	Ms. N.Meenatchi	IOT BASED SOLAR ENERGY SYSTEM FOR IRRIGATION	202541020030	06/03/2025	Published	21/03/2025	2025	S&H
403	2025	R.M.K. Engineering College	Mr.S.Vijayakumar	FAKE NEWS DETECTION USING NEURAL NETWORK ENGINE	202541021275	10/03/2025	Published	21/03/2025	2025	S&H
404	2025	R.M.K. Engineering College	Dr. K. Tamilvanan	Wireless Vehicular Networks for Collision Avoidance	202541021345	10/03/2025	Published	21/03/2025	2025	S&H
405	2025	R.M.K. Engineering College	Dr. SENTHIL S	FUZZY TOPOLOGY CONVERTER FOR RENEWABLE POWER GENERATION	202541022721	13/03/2025	Published	21/03/2025	2025	S&H
406	2025	R.M.K. Engineering College	Ms. Sharmila Bhargavi V	FAULT DETECTION IN TRANSMISSION LINE USING ARTIFICIAL INTELLIGENCE	202541022991	14/03/2025	Published	21/03/2025	2025	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 Date	Published Year	Dept.
407	2025	R.M.K. Engineering College	Dr. K.Srinivasan	PROACTIVE NETWORK TRAFFIC SECURITY USING ARTIFICIAL INTELLIGENCE	202541022992	14/03/2025	Published	21/03/2025	2025	S&H
408	2025	R.M.K. Engineering College	Dr.S.Selvakanmani, Dr.T. Mahalingam, Mr. S. Nagarajan, Dr.A.Anna Lakshmi	Adaptive AI-Based Recommendation Engine for Personalized E-Learning Platforms	202541023171	15/03/2025	Published	28/03/2025	2025	IT
409	2025	R.M.K. Engineering College	Dr. Naveen Raju D, Dr. A. Thilagavathy, Dr. P. R. Therasa, Ms. P. Ilampiray, Dr. C. Geetha	IOT-CONTROLLED SMART FARMING SYSTEM WITH SILICON LED-BASED ADAPTIVE LIGHTING	202541033048	03/04/2025	Published	02/05/2025	2025	CSE
410	2025	R.M.K. Engineering College	Dr.B.Sarala, Dr.J.Jasmine Hephzipah	SMART WAREHOUSE MANAGEMENT SYSTEM USING IOT	202541035725	11/04/2025	Published	09/05/2025	2025	ECE
411	2025	R.M.K. Engineering College	Mr.Vel Murugesh Kumar N	IMPROVING DATA CLEANING BY MACHINE LEARNING	202541035726	11/04/2025	Published	09/05/2025	2025	CSE
412	2025	R.M.K. Engineering College	Dr. P. SUGANTHI	QUEUEING MODEL ADDRESSING INFECTIOUS DISEASE MANAGEMENT	202541035727	12/04/2025	Published	09/05/2025	2025	S&H
413	2025	R.M.K. Engineering College	Dr. T. Mahalingam, Mr. S. Nagarajan, Dr. A. Anna Lakshmi, Dr. S. Selvakanmani	Blockchain-Based Decentralized Identity Verification System for Secure Online Transactions	202541037681	18/04/2025	Published	09/05/2025	2025	IT
414	2025	R.M.K. Engineering College	Dr.M.S. Kavitha	SMART TROLLEY WITH AUTOMATED CHECKOUT	202541039331	24/04/2025	Published	16/05/2025	2025	ECE - VLSI
415	2025	R.M.K. Engineering College	Dr S Thanga Ramya, Dr. Girija M S, Ms S Mahalakshmi, Harshitha G, Keerthanadevi N, Dasari Rajeswari, Harini P V	AI-Powered Live Surveillance for Security Threat Detection	202541039392	24/04/2025	Published	16/05/2025	2025	CSD
416	2025	R.M.K. Engineering College	VAMSI D	Live Tracking of College Bus using GPS Module and Website	202541039411	24/04/2025	Published	16/05/2025	2025	EIE
417	2025	R.M.K. Engineering College	Dr CHAIRMA LAKSHMI K R, GOKUL S, HARISH J	Smart Assistive System for Object Detection and Emergency Alerts	202541039455	24/04/2025	Published	16/05/2025	2025	EIE
418	2025	R.M.K. Engineering College	Ms. Haritha V, Ms. Latha J	INTELLIGENT ROBOT USING DEEP LEARNING FOR RASH DRIVING CRIME	202541039462	24/04/2025	Published	16/05/2025	2025	CSE
419	2025	R.M.K. Engineering College	Ms. Haritha V, Ms. Latha J	ADAPTIVE TRAFFIC SIGNAL CONTROL USING DEEP LEARNING AND IMAGE PROCESSING	202541039469	24/04/2025	Published	16/05/2025	2025	CSE
420	2025	R.M.K. Engineering College	Dr. P. Umaeswari, Ms. Rithu Varshini A S, Ms. Varsha R, Mr. Sarvesh M S, Ms. Santhiya M	System and Method for Real-Time Threat Detection Using Big Data Analytics in Distributed Networks	202541039679	24/04/2025	Published	16/05/2025	2025	CSBS
421	2025	R.M.K. Engineering College	Ms SELVALAKSHMI S, Dr CHAIRMA LAKSHMI K R, Udayashankar.M, Iniyan.T	Automotive Black Box With Iot For Accident Detection And Data Logging	202541039693	25/04/2025	Published	16/05/2025	2025	EIE
422	2025	R.M.K. Engineering College	Ms. R. Deepa, Dr. P. Kavitha, Ms. A. Jasmine Gilda, Ms. B. Bharathi	INTEGRATED IOT AND DRONE-BASED SYSTEM FOR SMART PORT MANAGEMENT AND LOGISTICS OPTIMIZATION	202541042031	30/04/2025	Published	30/05/2025	2025	CSE
423	2025	1)R.M.K Engineering College, 2. Symptovate AI Technologies Private Limited	Dr.K.A.MOHAMED JUNAID, Mr P L STEPHENRAJ	NODULENET-AI DRIVEN FRAMEWORK FOR THE PREDICTION OF TUBERCULOSIS AND OTHER LUNG DISEASES	202541044703	08/05/2025	Published	30/05/2025	2025	ECE
424	2025	R.M.K. Engineering College	Dr. A. Thilagavathy, Dr. Naveen Raju D, Dr. Geetha R, Dr. P. R. Therasa, Ms. P. Ilampiray	IOT-BASED STRUCTURAL DISPLACEMENT MONITORING AND ALERT SYSTEM	202541045197	09/05/2025	Published	30/05/2025	2025	CSE
425	2025	R.M.K. Engineering College	Ms.Jayalakshmi K, Ms NANDHINI S	ARTIFICIAL INTELLIGENCE BASED SANITIZING HOME	202541045747	13/05/2025	Published	30/05/2025	2025	CSE
426	2025	R.M.K. Engineering College	G. Nixon Samuel Vijayakumar	ELECTROSPUN BaO/MnO NANO COMPOSITE FIBRES: A PROSPECTIVE MAGNETIC MATERIAL	202541056080	11/06/2025	Published	20/06/2025	2025	S&H

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427	2025	R.M.K. Engineering College	Y.SUKHI	Fast Power Point Tracking in PV System During Variable Solar Irradiation using Deep Learning Algorithm	202541056397	11/06/2025	Published	20/06/2025	2025	EEE
428	2025	R.M.K. Engineering College	R. Pavaiyarkarasi, P.Anusha, G.Bhavani	A MILITARY SURVEILLANCE BORDER SECURITY ALERT SYSTEM USING INTERNET OF THINGS	202541051478	29/05/2025	Published	13/06/2025	2025	ECE - VLSI
429	2025	R.M.K. Engineering College	R. Pavaiyarkarasi, P.Anusha, G.Bhavani	SOIL BASED COMMUNICATION FOR ENHANCED MILITARY AND HEALTH CONNECTIVITY	202541051125	28/05/2025	Published	06/06/2025	2025	ECE - VLSI
430	2025	R.M.K. Engineering College	R. Pavaiyarkarasi, P.Anusha, G.Bhavani	IOT BASED ELECTRICAL VEHICLE BATTERY MANAGEMENT SYSTEM WITH CHARGE MONITOR AND FIRE PROTECTION	202541051116	28/05/2025	Published	06/06/2025	2025	ECE
431	2025	Sumitha T	Sumitha T	A SYSTEM AND METHOD FOR DETECTING PHISHING ATTACKS USING NATURAL LANGUAGE PROCESSING	202541050309	26/05/2025	Published	06/06/2025	2025	CSE
432	2025	R.M.K. Engineering College	S. Nagarajan, A. Anna Lakshmi, S. Selvaknmani, T. Mahalingam	AI-Driven Adaptive Cybersecurity Framework for Real-Time Threat Detection and Response	202541049924	23/05/2025	Published	06/06/2025	2025	IT
433	2025	R.M.K. Engineering College	Anusha P, Rosaline S, Nithya Sree R S	AUTONOMOUS FIRE FIGHTING ROBOT	202541045869	13/05/2025	Published	30/05/2025	2025	ECE - VLSI
434	2025	R.M.K. Engineering College	P. S. Latha Mageshwari	Optical behavior and dielectric behavior of Cadmium Chloride doped Lithium Sulphate Monohydrate single crystals	202541000866	03/01/2025	Published	10/01/2025	2025	S&H
435	2025	R.M.K. Engineering College	Elumalai A	SMART GESTURE CONTROLLED SYSTEM USING IOT	202541000593	03/01/2025	Published	10/01/2025	2025	S&H
436	2025	R.M.K. Engineering College	Elumalai A	MULTI-MODAL LARGE LANGUAGE ADAPTER	202541000591	03/01/2025	Published	10/01/2025	2025	S&H
437	2025	R.M.K. Engineering College	B. SARATHA	IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE TECHNIQUE FOR HAZARD DETECTION AND PREDICTIVE MAINTENANCE OF HIGHWAYS	202541001595	07/01/2025	Published	17/01/2025	2025	ADS
438	2025	R.M.K. Engineering College	M. Meena, A. Vijayalakshmi	ECO-FRIENDLY NANOCOMPOSITES FOR HEAVY METAL REMOVAL	202541005651	23/01/2025	Published	31/01/2025	2025	S&H
439	2025	R.M.K. Engineering College	R. Suresh Kumar	AUTONOMOUS DRONE NAVIGATION SYSTEM	202541004688	21/01/2025	Published	31/01/2025	2025	Mech
440	2025	R.M.K. Engineering College	Dr. S. D. Uma Mageswari	GIG ECONOMY'S IMPACT ON WORKFORCE DYNAMICS AND ECONOMIC RESILIENCE	202541070766	25/07/2025	Published	01/08/2025	2025	S&H
441	2025	R.M.K. Engineering College	Dr.A.Jagadesan	REAL TIME IoT BASED HEALTH MONITORING SYSTEM	202541111705	15/11/2025	Published	05/12/2025	2025	S&H
442	2025	R.M.K. Engineering College	Dr. R. Rajaraman	IoT NETWORK SECURITY IN INTERNET OF DRONES	202541111729	15/11/2025	Published	05/12/2025	2025	S&H
443	2025	R.M.K. Engineering College	Dr. P. Josephin Shermila	METHOD OF IMPLEMENTATION OF CUSTOMER SEGMENTATION USING MACHINE AND DEEP LEARNING	202541113366	18/11/2025	Published	05/12/2025	2025	S&H
444	2025	R.M.K. Engineering College	Dr. .Lalitha Ramachandran	ARTIFICIAL INTELLIGENCE MONITORING FOR ENVIRONMENT SYSTEM	202541114899	21/11/2025	Published	05/12/2025	2025	S&H
445	2025	R.M.K. Engineering College	Ms Jayalakshmi.E	AUTOMATED SANITIZING HOME USING ARTIFICIAL INTELLIGENCE	202541114987	21/11/2025	Published	05/12/2025	2025	S&H
446	2025	R.M.K. Engineering College	Dr. K. Tamilvanan	Railway Track Cleaning using Artificial Intelligence Methods	202541115004	21/11/2025	Published	05/12/2025	2025	S&H
447	2025	R.M.K. Engineering College	Dr. Senthil S	CONTROL SYSTEM FOR AGRICULTURE CROPS USING ARTIFICIAL INTELLIGENCE	202541115011	21/11/2025	Published	05/12/2025	2025	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 Date	Published Year	Dept.
448	2025	R.M.K. Engineering College	1)Rosaline S 2)Elakkiya sri M B	A HYBRID VOICE AND GESTURE CONTROL WHEELCHAIR	202541060541	25/06/2025	Published	11/07/2025	2025	ECE
449	2025	R.M.K. Engineering College	Dr. T Ramesh	ENERGY-EFFICIENT LOAD BALANCING SYSTEM AND METHOD FOR CLOUD DATA CENTERS	202541078560	19/08/2025	Published	12/09/2025	2025	CSE
450	2026	R.M.K. Engineering College	1)Ms D. Annal Priyadarshini	Integrated AI-IoT Platform for Real Time Cardiac Condition Analysis and Alert Generation	202541120911	03/12/2025	Published	02/01/2026	2026	CSE
451	2026	R.M.K. Engineering College	1)Ms Kanimozhi S	Triple Security Level Biometric Authentication Method Using Deep Neural Networks	202541120912	03/12/2025	Published	02/01/2026	2026	CSE
452	2026	R.M.K. Engineering College	1)Ms. Maheswari B 2)Ms.B.Saratha	AI-Powered Autonomous Cyber Defense Framework Using Deep Threat Intelligence	202541131583	24/12/2025	Published	02/01/2026	2026	CSE
453	2026	R.M.K. Engineering College	1)Ms.R.Pavaiyarkarasi 2)Ms.G.Bhavani	Energy-Efficient IoT Sensor Node with Dynamic Network Optimization	202541131585	24/12/2025	Published	02/01/2026	2026	ECE
454	2026	R.M.K. Engineering College	1)Mr.Vijaya Vardan Reddy S P 2)Mr. V. Ramkumar	MODULAR IOT DEVICE WITH MULTI-PROTOCOL COMMUNICATION AND COMPACT FORM FACTOR	202541131587	24/12/2025	Published	02/01/2026	2026	ECE - ACT
455	2026	R.M.K. Engineering College	1)Ms.S.Rosaline 2)Ms.P.Anusha	Reconfigurable VLSI Design Framework for Multi-Core Parallel Processing	202541131582	24/12/2025	Published	02/01/2026	2026	ECE - VLSI
456	2026	R.M.K. Engineering College	1)Dr. A. Niyas Ahamed	Next-Generation FPGA Development Kit with Integrated Debugging and Signal Integrity Enhancement	202541131584	24/12/2025	Published	02/01/2026	2026	ECE - VLSI
457	2026	R.M.K. Engineering College	1)SANDHIYA R 2)RAMYASHREE. R	LOW-POWER EMBEDDED IOT TRANSCEIVER WITH INTELLIGENT DATA COMPRESSION SYSTEM	202541131588	24/12/2025	Published	02/01/2026	2026	ECE - VLSI
458	2026	R.M.K. Engineering College	1)Dr. S. Rajesh	DEVELOPMENT OF HOT AIR SOLAR DRIER	202541132454	26/12/2025	Published	02/01/2026	2026	Mech
459	2026	R.M.K. Engineering College	1)Dr. K. Vinoth Kumar 2)Dr. K. Karthick	SEED SOWING MACHINE USING ARDUINO FOR AUTOMATED AGRICULTURE OPERATIONS	202541132729	28/12/2025	Published	02/01/2026	2026	Mech
460	2025	R.M.K. Engineering College	1)Dr A.Elumalai	Computer Implemented Method and Mathematical Model for Controlling News Propagation and Rumor Diffusion in Social Networks	202541120910	03/12/2025	Published	02/01/2026	2026	S&H
461	2026	R.M.K. Engineering College	1)Dr. R. Subhashini 2)ADARSH H 3)Jeffry Jackson J 4)SENTHAMIZH SELVAN S 5)ABIJITH B 6)GOKUL V	NON-CONTACT AI-DRIVEN BREATH MONITORING SENSOR FOR NEONATALS	202541128587	18/12/2025	Published	02/01/2026	2026	S&H
462	2026	R.M.K. Engineering College	1)Dr. R. Chithambaramani 2)Mr. R. Vijayabharathi 3)Mr. M. Thiyagarajan 4)Dr. Mohanaprakash T A	BRAIN-COMPUTER INTERFACE SYSTEM FOR ENHANCED ASSISTIVE COMMUNICATION DEVICES	202541084757	06/09/2025	Published	06/02/2026	2026	CSE
463	2025	R.M.K. Engineering College	Dr. P.Shobha Rani; Vishal K S; Nishaant R V; Vijay Sai Raj R; Dr. S.Srijayanthi;	AI-Assisted Smart Farming System with 5G Connectivity	202541132907	29/12/2025	Published	09/01/2026	2026	ADS
464	2025	R.M.K. Engineering College	Ms. Savarna K; Ms. Vaishnavi D; Ms. Sushmitha B; Ms. Thangasakthi; Ms. Mohithaa N; Mr. S. Anandaraj; Ms. S. Jhansi Ida; Mr.B. Jayaram; Dr. K. Chidambarathanu; Ms. C. Mary Shiba	Eggshell Empowerment: Crafting Eco-Friendly Prosthetic Solutions	202541132903	29/12/2025	Published	09/01/2026	2026	CSBS
465	2025	R.M.K. Engineering College	Mr. Rajesh Kumar Jayalakshmi Vishal, Ms. Pavaiyarkarasi R,	Intelligent Access Control and Surveillance System Integrating Facial Recognition and RFID Readers	202541132904	29/12/2025	Published	09/01/2026	2026	ECE

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466	2025	R.M.K. Engineering College	1)B. Sarala 2)T.D.Subha 3)T.Suresh 4)Yashwant T 5)Kishore B 6)Jerleena S 7)Lakshmi Sri Sanjana P V	INTEGRATED DRONE SYSTEM FOR AGRICULTURAL AND SURVEILLANCE DETECTION	202541132906	29/12/2025	Published	09/01/2026	2026	ECE
467	2026	R.M.K. Engineering College	1)Shanthi Murugan 2)Keshavardhan D R 3)Hare Ram C 4)Pomeshraaj 5)Jeyanth S 6)G Rohit Sudarsen	IoT and TinyML for Smart Food Waste Management	202541132902	29/12/2025	Published	09/01/2026	2026	IT
468	2025	R.M.K. Engineering College	Dr.K.Sengottaiyan, ANIRUDH D DAVEY, SAMSUNDAR A,	PORTABLE PNEUMATIC SEED SOWING MACHINE FOR SMALL FARM APPLICATIONS	202541132905	29/12/2025	Published	09/01/2026	2026	Mech
469	2026	R.M.K. Engineering College	1)Swetha S 2)Gnanasekaran T	Multimodal Computer Vision Assistance System for Independent Living of the Visually Impaired	202541132918	29/12/2025	Published	09/01/2026	2026	ECE
470	2026	R.M.K. Engineering College	1)Jaison B 2)P Baby Shamini 3)Mukilan T 4)Dhanush B	Intelligent Parking System	202541132919	29/12/2025	Published	09/01/2026	2026	CSE
471	2026	R.M.K. Engineering College	1)Sajithra S 2)T. Sethukarasi 3)Thirugnanam R 4)T Shiva Shangaran	Depth Mapping Belt with Object Detection for Real-Time Fall Detection	202541132920	29/12/2025	Published	09/01/2026	2026	CSE
472	2026	R.M.K. Engineering College	1)C. Geetha 2)T. Sethukarasi 3)Rithuparan P S 4)R Harshavardhan	Smart Spoilage Detection and Prevention System for Perishable Goods Using Sensor Networks and AI-Based Analytics	202541132921	29/12/2025	Published	09/01/2026	2026	CSE
473	2026	R.M.K. Engineering College	1)D. Abitha Kumari 2)Jaison B 3)Riela Theresa A 4)Sakthipriya R	Geo-Fence Based Emergency Vehicle Notification System with Real-Time Tracking	202541132922	29/12/2025	Published	09/01/2026	2026	CSE
474	2025	R.M.K. Engineering College	Anandaraaj S	Smart Yoga Mat With Smartphone Integration	202541102170	23/10/2025	Published	28/11/2025	2025	CSBS
475	2025	R.M.K. Engineering College , AICTE Idea Lab	1)P Kavitha 2)Y Sukhi 3)HARSHAVARDHAN S 4)SOMESHWAR S 5)NAVYA N 6)LOGADHARSHINI S	ZephyrDrive+ - Wind Energy Based Energy Regeneration for Enhanced Range Efficiency in Electric Vehicles	202541013363	17/02/2025	Published	28/11/2025	2025	EEE
476	2025	R.M.K. Engineering College	Dr. MEENAKSHI S	Wireless Power-Transmitting Electric Vehicle Using Inductive coupling Technology for Remote and Mountainous	202541099865	15/10/2025	Published	28/11/2025	2025	S&H
477	2026	R.M.K. Engineering College	1)Mr M.VENGATESHWARAN 2)Ms N.VALARMATHI 3)Ms R.PRAMILA 4)Ms L.VIDHYA 5)Ms R.MYTHREAGI 6)Ms S. RAJAAMBIKA	AI AND MACHINE LEARNING BASED HUMAN ACTION RECOGNITION SYSTEM USING MOBILE SENSOR FUSION	202641007427	26/01/2026	Published	13/02/2026	2026	CSE
478	2026	R.M.K. Engineering College	1)Dr Magesh.T 2)Mr Harshavardhan R R 3)Mr Mohamed Yusuf H 4)Mr Aadhithya A K 5)Mr Mukilan A	AUTOMATED ESP32-BASED THERMAL AND AIR QUALITY MONITORING AND CONTROL SYSTEM	202641009211	29/01/2026	Published	13/02/2026	2026	EEE
479	2026	R.M.K. Engineering College	1)Dr T Magesh 2)Mr Harshavardhan R R 3)Mr Mohamed Yusuf H 4)Mr Aadhithya A K 5)Mr Mukilan A	AUTOMATED ESP32-BASED THERMAL AND AIR QUALITY MONITORING AND CONTROL SYSTEM	202641009221	29/01/2026	Published	13/02/2026	2026	EEE

Patent Filed and 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 Date	Published Year	Dept.
480	2026	R.M.K. Engineering College	1)Dr S.Anita	INTELLIGENT CLOUD COMPUTING APPROACH FOR PROFILE-CENTRIC SOCIAL MEDIA SENTIMENT ANALYSIS USING DEEP LEARNING	202641007429	26/01/2026	Published	13/02/2026	2026	S&H
481	2026	R.M.K. Engineering College	1)Mr Ravi Kumar M	SOLAR POWERED WINNOWER MACHINE FOR EFFICIENT SEPARATION OF GRAINS AND HUSKS USING AIRFLOW	202641007439	26/01/2026	Published	13/02/2026	2026	S&H
482	2026	R.M.K. Engineering College	1)Dr. Balaramesh Palanivelu	ADAPTIVE SOLAR ENERGY MANAGEMENT WITH BATTERY AND BATTERY-LESS OPERATION	202641007458 A	26/01/2026	Published	13/02/2026	2026	S&H
483	2026	R.M.K. Engineering College	1)Dr. V. Vidya Lakshmi 2)Pulagam Kundana Sree 3)Thottambedu Malleswari 4)Niranchana B 5)Priyanka P 6)Rakshini Balasubraman Rakshini Balasubraman	IMAGE PROCESSING BASED EARLY DETECTION AND CLASSIFICATION OF PADDY LEAF DISEASES	202641009237	29/01/2026	Published	13/02/2026	2026	ECE
484	2026	R.M.K. Engineering College	1)Ms N.Meenatchi	QUEUEING THEORY BASED NETWORK TRAFFIC ENGINEERING METHOD FOR OPTIMIZED RESILIENCE	202641009467	30/01/2026	Published	13/02/2026	2026	SH
485	2026	R.M.K. Engineering College	1)Mr. S. Vijayakumar	MATHEMATICAL MODEL BASED INTELLIGENT TRAFFIC SIGNAL CONTROL SYSTEM USING REAL-TIME VEHICLE DETECTION	202641009468	30/01/2026	Published	13/02/2026	2026	SH
486	2026	R.M.K. Engineering College	1)Ms P. Sukania	QUEUEING THEORY BASED DECISION SUPPORT SYSTEM FOR INSTITUTIONAL PERFORMANCE EVALUATION AND RANKING	202641009471	30/01/2026	Published	13/02/2026	2026	SH
487	2026	R.M.K. Engineering College	1)Dr.R.Sheeja 2)Rakshath Raj Y	AI-Driven Life Cycle Assessment (LCA) Tool for Advancing Circularity and Sustainability in Metallurgy and Mining	202641010382	01/02/2026	Published	13/02/2026	2026	ADS
488	2026	R.M.K. Engineering College	1)Dr. C. K. Sivashankari	HEALTH CARE BY ENABLING LINEAR PROGRAMMING, REAL-TIME MONITORING AND OPTIMIZED RESOURCE ALLOCATION TECHNOLOGIES	202641010386	01/02/2026	Published	13/02/2026	2026	SH
489	2026	R.M.K. Engineering College	1)Dr. R. SURESH KUMAR	PHASE CHANGE MATERIAL EMBEDDED NANOCOMPOSITE FOR ENHANCED SOLAR THERMAL ENERGY STORAGE	202641010396	01/02/2026	Published	13/02/2026	2026	Mech
490	2025	R.M.K. Engineering College	1)Dr S Thanga Ramya 2)K.C. Akshaya 3)N.D.Shamyuktha	Lane Detection System for Autonomous Vehicles Using AI	202541096684	07/10/2025	Published	14/11/2025	2025	CSD
491	2025	R.M.K. Engineering College	1)Dr S Thanga Ramya 2)Dr. Girija M S 3)E AKASH 4)DEEPAK F 5)DEVKISHAN S	Empowering AI Governance: A Decentralized Approach	202541096786	07/10/2025	Published	14/11/2025	2025	CSD
492	2026	R.M.K. Engineering College	1)Dr. P. S. Latha Mageshwari	Investigation of Nonlinear and Ferroelectric Properties of Lithium Sulphate Monohydrate (LSM)–Doped Single Crystals	202641000161	01/01/2026	Published	16/01/2026	2026	SH
493	2026	R.M.K. Engineering College	1)Dr. K. Karthick 2)Dr. K. Vinod Kumar	SMART SPEED LIMIT CONTROLLER FOR VEHICLES	202641000202	02/01/2026	Published	16/01/2026	2026	Mech
494	2026	R.M.K. Engineering College	1)Mr. N. Mohanrajhu	FABRICATION OF VEHICLE OVERLOAD MANAGEMENT SYSTEM	202641000237	02/01/2026	Published	16/01/2026	2026	Mech
495	2025	R.M.K. Engineering College	Dr. A. Vijayaraj	Secure Brain Tumor Detection and Classification Using a Hybrid Physics-Constrained Label-Aware Attention Neural Network	202541080964	26/08/2025	Published	17/10/2025	2025	IT
496	2026	R.M.K. Engineering College	1)Dr. S. Karthikeyan	SMART SIDE STAND FOR TWO-WHEELER VEHICLES	202641016657	15/02/2026	Published	20/02/2026	2026	S&H
497	2026	R.M.K. Engineering College	1)Ms S Selvalakshmi	IoT ENABLED SMART DRAINAGE MONITORING AND CONTROL SYSTEM FOR URBAN FLOOD MANAGEMENT	202641012686	:05/02/2026	Published	20/02/2026	2026	SH
498	2026	R.M.K. Engineering College	1)Ms Latha J 2)Ms Haritha V	AN ADAPTIVE IOT AND ARTIFICIAL INTELLIGENCE BASED CYBERCRIME MONITORING AND PREVENTION SYSTEM	202641012859	06/02/2026	Published	20/02/2026	2026	CSE

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499	2026	R.M.K. Engineering College	1)Ms Latha J 2)Ms Haritha V	IOT AND MACHINE LEARNING BASED INTELLIGENT SYSTEM FOR DETECTING AND PENALIZING ONE-WAY LANE VIOLATIONS	202641012860	06/02/2026	Published	20/02/2026	2026	CSE
500	2026	R.M.K. Engineering College	w1)Ms Deepa R 2)Dr. Lakshmi Haritha M 3)Ms Gayathri S	AI AND MACHINE LEARNING BASED HUMAN ACTION RECOGNITION SYSTEM USING MOBILE SENSOR FUSION	202641014713	10/02/2026	Published	20/02/2026	2026	CSE
501	2026	R.M.K. Engineering College	1)Ms Gayathri S 2)Ms Deepa R 3)Dr. Lakshmi Haritha M	KNOWLEDGE-BASED DISEASE PREDICTION SYSTEM USING FUZZY RULES, DATA MINING, AND NOISE REDUCTION TECHNIQUES	202641014765	10/02/2026	Published	20/02/2026	2026	CSE
502	2026	R.M.K. Engineering College	1)Dr. Lakshmi Haritha M 2)Ms Deepa R 3)Ms Gayathri S	SYSTEM AND METHODS FOR SHARING MACHINE LEARNING FUNCTIONALITY BETWEEN CLOUD COMPUTING AND IOT NETWORKS	202641014766	10/02/2026	Published	20/02/2026	2026	CSE
503	2026	R.M.K. Engineering College	1)Dr Vasukidevi G	INTELLIGENT HEALTH OUTCOME PREDICTION USING MACHINE LEARNING AND CLINICAL DATA ANALYTICS	202641014769	10/02/2026	Published	20/02/2026	2026	CSE
504	2026	R.M.K. Engineering College	1)Dr. R. Chithambaramani	ENERGY-EFFICIENT ALGORITHM OPTIMIZATION USING DEEP LEARNING IN CLOUD ENVIRONMENTS	202641014810	11/02/2026	Published	20/02/2026	2026	CSE
505	2026	R.M.K. Engineering College	1)Dr.Geetha R	COMPUTER SEARCH ENGINE EMPLOYING MACHINE LEARNING AND NEURAL NETWORKS FOR OPTIMAL HEALTHCARE	202641015805	12/02/2026	Published	20/02/2026	2026	CSE
506	2026	R.M.K. Engineering College	1)Dr Mohanaprakash T A	SECURE AND PRIVACY-PRESERVING BIG DATA ANALYTICS IN CLOUD-IOT ENVIRONMENTS	202641014809	11/02/2026	Published	20/02/2026	2026	CSE
507	2026	R.M.K. Engineering College	1)Pavithra M 2)Rethika V 3)Ranjani Y 4)Nivetha K 5)Monika Krishna 6)Sandeep M 7)Deepak A 8)B Jayaram	An Intelligent Wearable System for Proactive Personal Security of Women	202641002930	11/01/2026	Published	27/02/2026	2026	CSBS
508	2026	R.M.K. Engineering College	1)Ms G Nishanthi 2)Mr Vimal Prakashan S 3)Mr Uppili Srinivasan P 4)Mr Kishore S	Q-NeuroShield: A Post-Quantum Cryptographic Framework for Preserving Neural Sovereignty in Brain-Computer Interfaces	202641017435	17/02/2026	Published	27/02/2026	2026	CSBS
509	2026	R.M.K. Engineering College	1)Ms Ganga Devi P 2)Ms Sumitha.T	THE DRIVER DROWSINESS DETECTION AND ALERT SYSTEM USING INTERNET OF THINGS (IOT) TECHNOLOGY	202641017358	17/02/2026	Published	27/02/2026	2026	CSE
510	2026	R.M.K. Engineering College	1)Dr. Vijay Anand K 2)Preethi R 3)Monica K 4)Sruthi Sai Prabha K S 5)Sandhiya S	IoT Enabled Smart Ambulance System with Real-Time Patient Monitoring and Data Classification	202641017379	17/02/2026	Published	27/02/2026	2026	ECE
511	2026	R.M.K. Engineering College	1)Dr. V. Kolappan	AI-ENABLED GRAPH THEORY-BASED SENTIMENT PROPAGATION ANALYSIS SYSTEM FOR ONLINE ABUSE CONTAINMENT	202641017432	17/02/2026	Published	27/02/2026	2026	S&H
512	2026	R.M.K. Engineering College	1)Dr. Vijay Anand K 2)Prem Pradeep S 3)Aishwarya K 4)Dhaneshwara M 5)Gokulrajan R M 6)Harini M 7)Poojashree T	Autonomous Water Surface Cleaning Robot	202641017378	17/02/2026	Published	27/02/2026	2026	ECE
513	2025	R.M.K. Engineering College , AICTE Idea Lab	Y.SUKHI P.KAVITHA HARSHAVARDHAN S	Smart Non-Contact Voltage Detection and Monitoring System with Real-Time Safety Indication	202541018648	03/03/2025	Published	28/11/2025	2025	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 Date	Published Year	Dept.
514	2025	R.M.K. Engineering College	1)Dr M Sheering Banu 2)Dr. Sukhi Y 3)Reethika B 4)Surendar K 5)Shreya S 6)A K Aadhithya 7)Santhiya K	Smart IoT Based Tyre Monitoring System	202541018647	03/03/2025	Published	28/11/2025	2025	IT & EEE
515	2026	R.M.K. Engineering College	1)Dr. P. Umaeswari 2)Mr. Thirusarabesh S S 3)Mr. Sabarishkumar G 4)Mr. Siddharth Parthibagovindaraj 5)Ms. R. Venkata Lakshmi	AI-Driven Cyber Security Monitoring System for Real-Time Attack Prevention	202641004431	16/01/2026	Published	30/01/2026	2026	CSBS
516	2026	R.M.K. Engineering College	V K SABARIRAJAN	Autonomous Agricultural Defense System with Remote Connectivity	202641012849	05/02/2026	Published	27/03/2026	2026	CSBS
517	2026	R.M.K. Engineering College	1)C.Vimala Josphine 2)Harshwanth Oduru 3) Rakesh P	Electronic Health Management System with Acoustic Alerting	202641012851	05/02/2026	Published	27/03/2026	2026	ECE-ACT
518	2026	R.M.K. Engineering College	1)M . Sindhu 2)Vishnupriya K C 3)Vishwakanth P 4)Sarvesh M S	Microcontroller-Based Pollutant Monitoring System with Remote Visualization	202641016386	13/02/2026	Published	27/03/2026	2026	
519	2026	R.M.K. Engineering College	Dr.K.Srinivasan	MACHINE LEARNING FRAMEWORK FOR PREDICTIVE ANALYSIS OF NONLINEAR DIFFERENCE EQUATIONS	202641027025	08/03/2026	Published	20/03/2026	2026	S&H
520	2026	R.M.K. Engineering College	1)Dr N Praveena 2)Ms S Meenakshi 3)Sahana S M 4)Shree Shreya P	INTERNET OF THINGS BASED AUTOMATED RATION DISTRIBUTION AND MONITORING SYSTEM	202641027028	08/03/2026	Published	20/03/2026	2026	CSD
521	2026	R.M.K. Engineering College	Dr. R. Valarmathi	INTELLIGENT PRODUCTION-INVENTORY OPTIMIZATION SYSTEM USING MACHINE LEARNING TECHNIQUES	202641027029	08/03/2026	Published	20/03/2026	2026	S&H
522	2026	R.M.K. Engineering College	Dr. Kadirvel A	NANO-CELLULOSE REINFORCED BIODEGRADABLE COMPOSITE MATERIAL WITH ENHANCED THERMAL AND MECHANICAL PERFORMANCE	202641027031	08/03/2026	Published	20/03/2026	2026	Mech
523	2026	R.M.K. Engineering College	Dr. R. Poornima	AI-POWERED PREDICTIVE HEALTHCARE ANALYTICS SYSTEM FOR EARLY DISEASE PREVENTION	202641027038	08/03/2026	Published	20/03/2026	2026	
524	2026	R.M.K. Engineering College	1)Varshaas 2)Alwin A 3)Aswin P S 4)Gokulrajan R M 5)KrithigaSJ 6) SaiVarshitha 7)DudduSaiMaheshNikhil	LearnSphere-A Smart Pen and Portable System for Offline-First AI-Driven Learning.	202641027040	08/03/2026	Published	20/03/2026	2026	
525	2026	R.M.K. Engineering College	1)Dr Fayaz Ahamed A 2)Mr Gurumoorthy G 3)Mr Rakshan Mahajan M 4)Mr Yugan Sakthi K	IOT BASED SMART HELMET SYSTEM FOR ENHANCED RIDER SAFETY	20264102938	12/03/2026	Published	27/03/2026	2026	EEE
526	2026	R.M.K. Engineering College	1)Dr. P . Kavitha 2)Mr Yuvaraj T 3)Mr Udhaya V 4)Mr Hareesh Kanna T 5)Mr Kancharla Hemanth Kumar	DESIGN AND IMPLEMENTATION OF AN AUTOMATED COLOR AND METAL-BASED MATERIAL HANDLING SYSTEM FOR SMART WAREHOUSES	202641031751	17/03/2026	Published	27/03/2026	2026	EEE
527	2025	R.M.K. Engineering College	1)Mr. R. Vijayabharathi 2)Mr. M. Thiyagarajan 3) Dr. Mohanaprakash T A 4)Dr. R. Chithambaramani	ENERGY-EFFICIENT EDGE COMPUTING FRAMEWORK FOR LOW-POWER IOT DEVICES	202541084758	06/09/2025	Published	06/02/2026	2026	CSE
528	2025	R.M.K. Engineering College	1)Mr. R. Vijayabharathi 2)Mr. M. Thiyagarajan 3) Dr. Mohanaprakash T A 4)Dr. R. Chithambaramani	A SYSTEM AND METHOD FOR INTRUSION DETECTION USING HYBRID ARTIFICIAL INTELLIGENCE MODELS	202541084764	06/09/2025	Published	06/02/2026	2026	CSE
529	2025	R.M.K. Engineering College	1)Mr. R. Vijayabharathi 2)Mr. M. Thiyagarajan 3) Dr. Mohanaprakash T A 4)Dr. R. Chithambaramani	A SYSTEM AND METHOD FOR PREDICTIVE MAINTENANCE IN MANUFACTURING USING BIG DATA ANALYTICS	202541084798	07/09/2025	Published	06/02/2026	2026	CSE
530	2025	R.M.K. Engineering College	Dr.V.R.KAVITHA	Detection of Security Threats in Wireless Sensor Networks using Artificial Neural Network	202541085192	08/09/2025	Published	06/02/2026	2026	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 Date	Published Year	Dept.
531	2025	R.M.K. Engineering College	Dr. S. Nazrin Salma	AI-Enabled IoT Gateway for Real-Time Environmental Monitoring and Control	202541131586	24/12/2025	Published	02/01/2026	2026	S&H
532	2026	R.M.K. Engineering College	Ms R PRIYANKA PRAMILA	NODULENET-AI DRIVEN FRAMEWORK FOR THE PREDICTION OF TUBERCULOSIS AND OTHER LUNG DISEASES	202641001975	08/01/2026	Published	30/01/2026	2026	ADS
533	2026	R.M.K. Engineering College	1)B Jayaram	Hybrid Sensor Network for Vehicle Impact Detection and Remote Alerting	202641002016	08/01/2026	Published	13/02/2026	2026	CSBS
534	2026	R.M.K. Engineering College	Ms. M. Rubitha	AUTOMATED CUSTOMER SEGMENTATION FOR INTELLIGENT PROFILING, TARGETING AND PREDICTIVE BUSINESS DECISION SUPPORT SYSTEM	202641002938	11/01/2026	Published	30/01/2026	2026	S&H
535	2026	R.M.K. Engineering College	Ms.R.Jeyalakshmi	IOT-BASED INTELLIGENT PRESSURE COOKER ALERT SYSTEM USING ACOUSTIC DETECTION AND MOBILE INTEGRATION	202641002939	11/01/2026	Published	30/01/2026	2026	S&H
536	2026	R.M.K. Engineering College	Ms. Soniya M	SYSTEM AND METHODS FOR SHARING MACHINE LEARNING FUNCTIONALITY BETWEEN CLOUD COMPUTING AND IMAGES PROCESSING	202641002941	11/01/2026	Published	30/01/2026	2026	CSE
537	2026	R.M.K. Engineering College	Ms S.Karkuzhali	SYSTEM AND METHOD FOR SHARING MACHINE LEARNING INTELLIGENCE BETWEEN CLOUD INFRASTRUCTURE AND DISTRIBUTED IOT NETWORKS	202641007434	26/01/2026	Published	13/02/2026	2026	S&H
538	2026	R.M.K. Engineering College	1)Ms P Ramya	CUSTOMER SEGMENTATION USING IMAGE PROCESSING AND COMPUTER VISION TECHNIQUES	202641007436	26/01/2026	Published	13/02/2026	2026	CSE
539	2026	R.M.K. Engineering College	Dr.M.Balasubramanian	DEVELOPMENT AND CONSTRUCTION OF AN AUTOMATED DUAL-AXIS SOLAR TRACKING SYSTEM	202641007441	26/01/2026	Published	13/02/2026	2026	S&H
540	2026	R.M.K. Engineering College	Dr. Balaramesh Palanivelu	ADAPTIVE SOLAR ENERGY MANAGEMENT WITH BATTERY AND BATTERY-LESS OPERATION	202641007458	26/01/2026	Published	13/02/2026	2026	S&H
541	2026	R.M.K. Engineering College	1)Dr Magesh.T 2)Mr Harshavardhan R R 3)Mr Mohamed Yusuf H 4)Mr Aadhiithya A K 5)Mr Mukilan A	AUTOMATED ESP32-BASED THERMAL AND AIR QUALITY MONITORING AND CONTROL SYSTEM	202641009211	29/01/2026	Published	13/02/2026	2026	EEE
542	2026	R.M.K. Engineering College	1)Dr T Magesh 2)Mr Harshavardhan R R 3)Mr Mohamed Yusuf H 4)Mr Aadhiithya A K 5)Mr Mukilan A	AUTOMATED ESP32-BASED THERMAL AND AIR QUALITY MONITORING AND CONTROL SYSTEM	202641009221	29/01/2026	Published	13/02/2026	2026	EEE
543	2026	R.M.K. Engineering College	1)Dr. V. Vidya Lakshmi 2)Pulagam Kundana Sree 3)Thottambedu Malleswari 4)Niranchana B 5) Priyanka P 6)Rakshini Balasubraman Rakshini Balasubraman	IMAGE PROCESSING BASED EARLY DETECTION AND CLASSIFICATION OF PADDY LEAF DISEASES	202641009237	29/01/2026	Published	13/02/2026	2026	ECE
544	2026	R.M.K. Engineering College	Dr.N.Golden Stepha	ADAPTIVE SOLAR ENERGY MANAGEMENT WITH BATTERY AND BATTERY-LESS OPERATION	202641009315	29/01/2026	Published	13/02/2026	2026	S&H
545	2026	R.M.K. Engineering College	Dr Naveen Raju D	AI-DRIVEN PREDICTIVE ANALYTICS FRAMEWORK FOR REAL-TIME DETECTION AND DIAGNOSIS OF FREEZING OF GAIT	202641020451	21/02/2026	Published	06/03/2026	2026	CSE
546	2026	R.M.K. Engineering College	1)Dr T.D.Subha 2)P.Rahul Anand 3)A.Sherma Raja 4)M.Sandeep Krishna 5)Tarun M A 6)A.Sofi Raghu 7)V.Vigneshwaran 8)B.Vedantamurthy	MACHINE LEARNING ALGORITHM FOR AUTOMATED DETECTION AND MITIGATION OF CYBER SECURITY THREATS	202641020458	21/02/2026	Published	06/03/2026	2026	ECE
547	2026	R.M.K. Engineering College	1)Ms.M.Rekha 2)Abhijaya Aswinee B 3)Amirtha A 4)Anees Fathima S 5)Hamelda Lourdus Mary	POTHOLE DETECTION USING ROADSIDE CAMERAS, AND REGIONAL BASED CONVOLUTIONAL NEURAL NETWORKS INTEGRATED WITH IOT	202641020575	22/02/2026	Published	06/03/2026	2026	IT
548	2026	R.M.K. Engineering College	1)Ms Selvi K 2)Kalaayarasi I 3)Kamala Vasanthi S 4)Moulini S 5)Kalaivani I	SMART REFRIGERATOR REMINDER SYSTEM WITH IOT-BASED EXPIRY TRACKING AND MACHINE LEARNING SPOILAGE DETECTION	202641020578	22/02/2026	Published	06/03/2026	2026	CSE
549	2026	R.M.K. Engineering College	1)Ms. S. Shobana 2)Harshitha S 3)Hashika B S 4) KAAVIYA K	IoT-Based Smart RFID Home Object Tracking and Voice-Enabled Reminder Assistance System	202641020582	22/02/2026	Published	06/03/2026	2026	ADS
550	2026	R.M.K. Engineering College	1)Ms M Kanniga Parameshwari 2)Gayathri R 3) Dhiya Shree S 4)Abinaya S 5)Allansia Febi A	IOT-ENABLED SMART MINING SAFETY AND HEALTH MONITORING SYSTEM WITH REAL-TIME GAS DETECTION, WORKER VITAL TRACKING, AND REMOTE SUPERVISION	202641020586	22/02/2026	Published	06/03/2026	2026	IT

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551	2026	R.M.K. Engineering College	Ms E. Adline Kerana	ARTIFICIAL INTELLIGENCE ENABLED ADAPTIVE BEAMFORMING AND INTELLIGENT SPECTRUM MANAGEMENT FOR ADVANCED WIRELESS COMMUNICATION NETWORKS	202641020621	22/02/2026	Published	06/03/2026	2026	ECE
552	2026	R.M.K. Engineering College	1)Dr. S Thanga Ramya 2)Dr. Girija M S 3)Guru Santhosh G 4)Prathyumn K 5)Akash V 6) Inbarasan K	AI Powered Bus Crowd Level Indication System	202641023933	27/02/2026	Published	06/03/2026	2026	CSD
553	2026	R.M.K. Engineering College	1)Dr. A. Merline 2)Dr. J. Jasmine Hephzipah 3) Ms. E. Adline Kerana	: DESIGN OF AFFORDABLE ACCESSIBLE LOW-COST FUNDUS CAMERA FOR THE PEOPLE RESIDING IN RURAL AND HILLY AREAS	202641024007	28/02/2026	Published	06/03/2026	2026	ECE - ACT
554	2026	R.M.K. Engineering College	1)Ms.J.Divya 2)Keerthivasan G 3)Karthick Vasan LK 4)Maneesh K 5)Mohamed Aadil M	PERSONALIZED HOME APPLIANCES MONITORING DASHBOARD	202641024009	28/02/2026	Published	06/03/2026	2026	IT
555	2026	R.M.K. Engineering College	Dr P.Kavitha	ARTIFICIAL INTELLIGENCE-DRIVEN FRAMEWORK FOR PREDICTING AND DETECTING CYBER ATTACKS IN DIGITAL ENVIRONMENTS	202641024903	03/03/2026	Published	13/03/2026	2026	CSE
556	2026	R.M.K. Engineering College	1)Dr. A. Merline 2)Harish Raj R 3)Maclin Toni I 4)Jasim Anwar J S 5)Parvathi Priya A	INNO-AGRI: EMPOWERING FARMERS WITH MULTILINGUAL AI CHATBOT, FORUM, SOIL SENSING FOR SUSTAINABLE AGRICULTURE	202641024904	03/03/2026	Published	13/03/2026	2026	ECE
557	2026	R.M.K. Engineering College	Dr.D.Abitha kumari	AI AND MACHINE LEARNING SYSTEM FOR PREDICTING AND DIAGNOSING CANCER AND HEART DISEASE CONDITIONS	202641024905	03/03/2026	Published	13/03/2026	2026	CSE
558	2026	R.M.K. Engineering College	Dr Fayaz Ahamed A G06K, Mr Gurumoorthy G, Mr Rakshan Mahajan M	IOT BASED SMART HELMET SYSTEM FOR ENHANCED RIDER SAFETY	202641029380	12/03/2026	Published	27/03/2026	2026	EEE
559	2026	R.M.K. Engineering College	1)Dr. P . Kavitha 2)Mr Yuvaraj T 3)Mr Udhaya V 4)Mr Hareesh Kanna T 5)Mr Kancharla Hemanth Kumar	DESIGN AND IMPLEMENTATION OF AN AUTOMATED COLOR AND METAL-BASED MATERIAL HANDLING SYSTEM FOR SMART WAREHOUSES	202641031751	17/03/2026	Published	27/03/2026	2026	EEE
560	2026	R.M.K. Engineering College	1)Mr. G. RAJESH 2)Dr. S. Samson Geoffrey	COMPACT MULTI-BAND MIMO ANTENNA SYSTEM WITH ENHANCED ISOLATION FOR WIRELESS COMMUNICATION APPLICATION	202641031752	17/03/2026	Published	27/03/2026	2026	ECE - ACT
561	2026	R.M.K. Engineering College	1)Dr. Suganthi P	Analysis and Cost Optimization of a Retrial Queue with Push-Out and Feedback Using Analytical and Metaheuristic Approache	202641031764	17/03/2026	Published	27/03/2026	2026	S&H
562	2026	R.M.K. Engineering College	1)Mr.Nagarajan S 2)DR.T.MAHALINGAM	A Federated Learning Based Privacy-Preserving Medical Image Diagnosis System with Secure Parameter Exchange and Blockchain Audit Logging Framework	202641032347	17/03/2026	Published	27/03/2026	2026	ADS
563	2026	R.M.K. Engineering College	1)M.VENGATESHWARAN (R.M.K. Engineering College) 2)N.VALARMATHI (M.Kumarasamy College of Engineering) 3)R.PRAMILA (Sri Sairam College of Engineering) 4)L.VIDHYA (Panimalar Engineering College) 5)R. MYTHREAGI (Karpagam College of Engineering) 6)S. RAJAAMBIKA (Kathir College of Engineering	AI AND MACHINE LEARNING BASED HUMAN ACTION RECOGNITION SYSTEM USING MOBILE SENSOR FUSION	202641032354	17/03/2026	Published	27/03/2026	2026	CSE
564	2026	R.M.K. Engineering College	DR.T.MAHALINGAM, Mr.Nagarajan S	An Edge-Deployable Deep Learning Medical Imaging System with Encrypted Model Inference and Secure Cloud Synchronization Protocol	202641033040	18/03/2026	Published	27/03/2026	2026	IT
565	2026	R.M.K. Engineering College	1)Dr Alexander Jeevanantham Y 2)Aswath Narayanan R V 3)Bharath P 4)Vishnu M 5) Ashwanthan M	SMART HEALTH MONITORING DEVICE	202641034582	23/03/2026	Published	03/04/2026	2026	EEE
566	2026	R.M.K. Engineering College	1)B.Saratha 2)R.Devi 3)B.MYTHILI 4)Dr.G. Manikandan 5)Dr.B.Muthazhagan 6)E.Sathesh Abraham Leo 7)E. Thenmozhi	A Secure IoT-Integrated Remote Patient Monitoring System with AI-Based Anomaly Detection Engine	202641035955	25/03/2026	Published	19/06/2026	2026	IT
567	2026	R.M.K. Engineering College	1)E.Sathesh Abraham Leo 2)E. Thenmozhi 3)B. Saratha 4)R.Devi 5)B.MYTHILI 6)Dr.G. Manikandan 7)Dr.B.Muthazhagan	A Hybrid CNN-Transformer Based Automated Disease Detection System with Secure Diagnostic Report Generation Module	202641035956	25/03/2026	Published	19/06/2026	2026	ADS
568	2026	R.M.K. Engineering College	1)Dr.B.Muthazhagan 2)E.Sathesh Abraham Leo 3)E. Thenmozhi 4)B.Saratha 5)R.Devi 6)B. MYTHILI 7)Dr.G.Manikandan	A Multi-Institutional Privacy-Preserving Clinical Data Collaboration Platform Using Federated Deep Learning Framework	202641035957	25/03/2026	Published	05/06/2026	2026	ADS
569	2026	R.M.K. Engineering College	1)Dr.G.Manikandan 2)Dr.B.Muthazhagan 3)E. Sathesh Abraham Leo 4)E. Thenmozhi 5)B. Saratha 6)R.Devi 7)B.MYTHILI	A Secure Biometric Health Record Access Control System with Deep Neural Network Identity Authentication Module	202641035958	25/03/2026	Published	05/06/2026	2026	ADS

Patent Filed and 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 Date	Published Year	Dept.
570	2026	R.M.K. Engineering College	1)Ms. R. Ramyashree 2)Ms. P. Anusha	Intelligent VLSI Design System Using Machine Learning for Power, Area, and Performance Optimization	202641036663	26/03/2026	Published	10/04/2026	2026	ECE - EEV
571	2026	R.M.K. Engineering College	1)B.MYTHILI 2)Dr.G.Manikandan 3)Dr.B. Muthazhagan 4)E.Sathesh Abraham Leo 5)E. Thenmozhi 6)B.Saratha 7)R.Dev	A Deep Learning Based Precision Farming Advisory System with Secure Sensor Data Authentication Protocol	202641036709	26/03/2026	Published	26/06/2026	2026	IT
572	2026	R.M.K. Engineering College	1)E. Thenmozhi 2)B.Saratha 3)R.Devi 4)B. MYTHILI 5)Dr.G.Manikandan 6)Dr.B. Muthazhagan 7)E.Sathesh Abraham Leo	A Reinforcement Learning Driven Personalized Treatment Recommendation System with Encrypted Decision Traceability Mechanism	202641036712	26/03/2026	Published	19/06/2026	2026	ADS
573	2026	R.M.K. Engineering College	1)Mr M.VENGATESHWARAN 2)R.MOUNESH 3)S. NAVEEN BALAJI 4)M.MOHAMED THOUFIQ	EXPLAINABLE PRIVACY-PRESERVING FEDERATED AGENTIC AI FOR ALZHEIMER'S DIAGNOSIS	202641038353	28/03/2026	Published	10/04/2026	2026	CSE
574	2026	R.M.K. Engineering College	1)Dr S Thanga Ramya 2)Dr S Uma Maheswari 3) T Ramsharan 4)Vidushi Pansari 5)Prasanasi B	KALPA AI - MULTIMODAL SCENE INTENT EXTRACTION AND CINEMATIC VISUAL PLANNING ENGINE	202641038355	28/03/2026	Published	10/04/2026	2026	CSD
575	2026	R.M.K. Engineering College	1)R.Devi 2)B.MYTHILI 3)Dr.G.Manikandan 4)Dr. B.Muthazhagan 5)E.Sathesh Abraham Leo 6)E. Thenmozhi 7)B.Saratha	A Blockchain-Enabled Crop Insurance Claim Verification System Using Multi-Spectral Image Processing and AI-Based Damage Quantification Engine	202641043353	05/04/2026	Published	19/06/2026	2026	ADS
576	2026	R.M.K. Engineering College	1)M.Stanlywit 2)RAMYA P 3)JENCY JOVITA S M 4)SAMYUKTHA RS 5)Priyadharshini S 6)Rakshath Raj Y	Wearable Health and Position Surveillance Assembly for Hazardous Environments	202641043402	05/04/2026	Published	17/04/2026	2026	ECE
577	2026	R.M.K. Engineering College	1)Dr S Thanga Ramya 2)Dr S Uma Maheswari 3) T Ramsharan 4)Vidushi Pansari 5)Prasanasi B	VOCALSHIELD AI – GUARDIAN ASSISTED ACOUSTIC FIREWALL FOR REAL-TIME VOICE SCAM DETECTION	202641046741	12/04/2026	Published	24/04/2026	2026	CSD
578	2026	R.M.K. Engineering College	Dr.K.Saravanan	Energy-Optimized Neuromorphic Quantum Learning System for Secure Brain Signal Transmission in Next-Generation Wireless Networks	202641049330	17/04/2026	Published	01/05/2026	2026	IT
579	2026	R.M.K. Engineering College	Ms Uma Maheswari E	QUEUEING THEORY-BASED ANALYTICAL SYSTEM FOR OPTIMIZING OUTPATIENT WAITING TIMES USING ELECTRONIC MEDICAL RECORDS INTEGRATION	202641049548	18/04/2026	Published	01/05/2026	2026	CSBS
580	2026	R.M.K. Engineering College	Ms K Jayalakshmi	MACHINE LEARNING BASED CYBERSECURITY SYSTEM FOR REAL TIME THREAT DETECTION AND AUTOMATED INTRUSION PREVENTION MECHANISMS	202641049554	18/04/2026	Published	01/05/2026	2026	S&H
581	2026	R.M.K. Engineering College	1)Dr N M Jothi Swaroopan 2)Raghul S 3)Mothish Krishna K L 4)Shaik Abdulla	MACHINE LEARNING BASED BATTERY MANAGEMENT SYSTEM FOR ACCURATE ESTIMATION OF STATE OF CHARGE AND HEALTH	202641053306	27/04/2026	Published	15/05/2026	2026	EEE
582	2026	R.M.K. Engineering College	Mr.Karthikeyan C G06F, K S JAYASURIYA, J SEDHUPATHI, C JAFAT CRONAN	MACHINE LEARNING ASSISTED LAYOUT OPTIMIZATION FRAMEWORK FOR AREA EFFICIENT AND HIGH SPEED VLSI DESIGN IMPLEMENTATION	202641055685	01/05/2026	Published	15/05/2026	2026	ECE
583	2026	R.M.K. Engineering College	1)Dr Shanthi M 2)Dr Sandra Johnson 3)Dr.P. Shobha Rani 4)Dr. S Srijayanthi 5)Dr. Gladiss Merlin N.R	A System and Method for Federated Intrusion Detection Using Secure Multi-Party Model Aggregation and Encrypted Traffic Feature Extraction Architecture	202641056133	03/05/2026	Published	26/06/2026	2026	ADS
584	2026	R.M.K. Engineering College	1)Dr B. Sarala 2)I.Tarun Sheareyas	SMART IOT ENABLED NON-REVENUE WATER REDUCTION AND GREYWATER RECYCLING SYSTEM WITH INCENTIVEBASED CITIZEN ENGAGEMENT	202641056148	03/05/2026	Published	15/05/2026	2026	ECE
585	2026	R.M.K. Engineering College	1)Mr Varun C M 2)Dr. Chidambarathanu K 3) Gowri Swetha G S 4)Gopika Sri M 5)Ebenezer Nitin	HARDWARE-ACCELERATED PIPELINE FOR SYNCHRONIZED MULTILINGUAL AUDIO-VISUAL CONVERSION	202641056156	03/05/2026	Published	15/05/2026	2026	CSBS
586	2026	R.M.K. Engineering College	1)Dr Srijayanthi S 2)Dr. Sandra Johnson 3) Sonyya T 4)Puneeth Ram P 5)Yashwant B 6) Sunil B	SYSTEM AND METHOD FOR VIRTUAL NET METERING AND PEER-TO-PEER TRADING OF SOLAR ENERGY CREDITS	202641056161	03/05/2026	Published	15/05/2026	2026	ADS
587	2026	R.M.K. Engineering College	1)Dr. J. Jasmine Hephzipah 2)Ms. Iyswariya A 3) SANJANI K 4)RESHMA L 5)SALMA S 6)YUVARAJ N 7)THARUN RAJAN M	SPECTRUM SENSING USING ENERGY DETECTION METHOD WITH BLADERF	202641056241	04/05/2026	Published	15/05/2026	2026	ECE - ACT
588	2026	R.M.K. Engineering College	1)Dr. S Srijayanthi 2)Dr. Gladiss Merlin N.R 3)Dr Shanthi M 4)Dr Sandra Johnson 5)Dr.P.Shobha Rani	A Smart Greenhouse Automation System with Deep Neural Network Based Growth Monitoring and Encrypted Control Architecture	202641056316	03/05/2026	Published	26/06/2026	2026	ADS
589	2026	R.M.K. Engineering College	Dr.S.Karunakaran	DESIGN AND SIMULATION OF A 6-TRANSISTOR SRAM CELL FOR LOW-POWER VLSI APPLICATIONS	202641058515	08/05/2026	Published	22/05/2026	2026	ECE - ACT
590	2026	R.M.K. Engineering College	Dr. G. Nixon Samuel Vijayakuma	ELECTROSPUN CaO/CuO NANOCOMPOSITE FIBERS: A PROSPECTIVE DIELECTRIC NON-LINEAR OPTIC MATERIAL	202641058516	08/05/2026	Published	22/05/2026	2026	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 Date	Published Year	Dept.
591	2026	R.M.K. Engineering College	1)Dr R. Pavaiyarkarasi 2)Ms P. Anusha 3)Ms G. Bhavani	SMART AMBULANCE ALERT DISPATCH SYSTEM	202641059603	11/05/2026	Published	22/05/2026	2026	ECE
592	2026	R.M.K. Engineering College	1)Ms.Meenakshi P 2)Dr. Praveena N	TRANSPARENT SOLAR INTEGRATED SMART WINDOW SYSTEM FOR BUSES	202641059998	12/05/2026	Published	22/05/2026	2026	CSD
593	2026	R.M.K. Engineering College	1)Dr. A. PONMALAR 2)Dr. R. PRIYANKA PRAMILA 3)JARIVUCHUDAR K 4)DHANYASHREE G 5) LAHARI P 6)NAAZIRA SHAREEFA R	Design and Implementation of an Industry 4.0 Enabled Smart Manufacturing System for Automated Quality Assurance and Operational Optimization in Package Cover Production	202641060474	12/05/2026	Published	22/05/2026	2026	ADS
594	2026	R.M.K. Engineering College	Ms. Renugadevi R	ARTIFICIAL INTELLIGENCE BASED MEDICAL IMAGE PROCESSING SYSTEM FOR EARLY DISEASE DETECTION AND CLINICAL DIAGNOSIS	202641061035	14/05/2026	Published	29/05/2026	2026	
595	2026	R.M.K. Engineering College	1)Mr Vel Murugesh kumar N	MACHINE LEARNING BASED INTELLIGENT WEATHER PREDICTION SYSTEM USING REAL TIME ATMOSPHERIC AND ENVIRONMENTAL DATA ANALYTICS	202641061596	14/05/2026	Published	29/05/2026	2026	CSE
596	2026	R.M.K. Engineering College	Dr. Gladiss Merlin N.R, Dr Shanthi M, Dr Sandra Johnson	A Blockchain-Integrated Agricultural Supply Chain Quality Assessment System with AI-Based Defect Detection Engine :G06Q	202641064698	22/05/2026	Published	26/06/2026	2026	CSBS
597	2026	R.M.K. Engineering College	Mr.S.Nagendiran	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE BASED INTELLIGENT PREDICTIVE ANALYTICS AND DECISION SUPPORT SYSTEM USING MACHINE LEARNING :G06N	202641065328	22/05/2026	Published	05/06/2026	2026	ADS
598	2026	R.M.K. Engineering College	Dr.P.Shobha Rani, Dr. S Srijayanthi, Dr. Gladiss Merlin N.R	An AI-Driven Crop Yield Forecasting System with Climate-Adaptive Reinforcement Learning Optimization Framework :G06Q	202641066556	27/05/2026	Published	26/06/2026	2026	ADS
599	2026	R.M.K. Engineering College	Dr Sandra Johnson, Dr.P.Shobha Rani, Dr. S Srijayanthi	A Graph Neural Network Driven Advanced Persistent Threat Detection System with Real-Time Encrypted Telemetry Analysis :B64C	202641066557	27/05/2026	Published	26/06/2026	2026	CSBS
600	2026	R.M.K. Engineering College	Dr. K R Chairma Lakshmi	SIGN LANGUAGE IDENTIFICATION AND CONVERSION INTO TAMIL LANGUAGE :G10L	202641070422	05/06/2026	Published	12/06/2026	2026	EEE
601	2026	R.M.K. Engineering College		AN INTEGRATED IOT AND CLOUD-BASED SOLUTION FOR EFFICIENT DRAINAGE MANAGEMENT :G06Q	202641073542	13/06/2026	Published	19/06/2026	2026	IT
602	2026	R.M.K. Engineering College	Dr. G. NIXON SAMUEL VIJAYAKUMAR, Dr RITHANYA D MARIADAS	Guardian-Net Intelligent IoT Emergency Response System with AI Vision and Autonomous Access Facilitation :G08B	202641082183	03/07/2026	Published	10/07/2026	2026	S&H
603	2026	R.M.K. Engineering College	Ms P Malini Anand Raj, Mr Deepak Bathirachalam	Aqua Track: Intelligent IoT-Based Real-Time Water Quality Monitoring and Predictive Contamination Alert System :G01N	202641082185	03/07/2026	Published	10/07/2026	2026	S&H
604	2026	R.M.K. Engineering College	Dr. G. NIXON SAMUEL VIJAYAKUMAR, Mr RB Sarrvesh Sai	PharmaEdge AI Multi-Agent Healthcare Intelligence Platform for Patient Clinical and Research Decision Support :G16H	202641082209	03/07/2026	Published	10/07/2026	2026	S&H
605	2026	R.M.K. Engineering College	Ms P Malini Anand Raj, Ms Bhargavi R	Artificial Intelligence Enabled Multi-Sensor Electronic Tongue System for Real-Time Taste Classification and Quality Assessment :G01N	202641082487	04/07/2026	Published	10/07/2026	2026	S&H

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Sl. No.	Title of the Invention	Name of the Inventors	Copyright Filed Date	Diary Number	Staus
1	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
2	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
3	RMK Engineering College Quality Management Systems	Mr. R.S. Munirathinam, Chairman 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	01.02.2023	2847/2023-CO/L	Granted
4	AI-Based Sentiment Analysis Engine for Social Media	Dr. Jaison B, Ms. Baby Shamini P	16/03/2025	9440/2025-CO/L	Granted
5	Neural Network Optimization for Image Recognition	Dr. Jaison B, Ms. Baby Shamini P	16/03/2025	9442/2025-CO/L	Granted
6	Cognitive Computing Framework for Enhanced Decision Making	Ms. B. Bharathi	15/03/2025	9283/2025-CO/L	Granted
7	Intelligent Personal Assistant For Contextual Task Management	Ms. A. Jasmine Gilda	15/03/2025	9282/2025-CO/L	Granted
8	Automated Feature Engineering For Machine Learning Models	Dr. C. GEETHA, Dr. T. SETHUKARASI	08/03/2025	8033/2025-CO/L	Granted

9	Adaptive Learning Systems for Predictive Analytics	DR. T. SETHUKARASI DR. C. GEETHA	08/03/2025	8032/2025-CO/L	Granted
10	Automated Feature Engineering For Machine Learning Models	Dr. S D Lalitha	02/07/2025	13987/2025-CO/L	Granted
11	IoT CONTROL SMART FARM SYSTEM USING SILICON LED LAMP	Dr. Jaison B Ms. Baby Shamini P	27.01.2024	3123/2024-CO/L	Granted
12	METHOD FOR AVOIDING REDUNDANT TRANSMISSION OF DATA MESSAGES IN COMMUNICATION USING MACHINE LEARNING	Ms. Baby Shamini P Ms. Rohini S	27.01.2024	3124/2024-CO/L	Granted