



R.M.K. ENGINEERING COLLEGE

(AN AUTONOMOUS INSTITUTION)

R.S.M. Nagar, Kavaraipettai-601206 Gummidipoonidi Taluk, Thiruvallur Dt.

Affiliated to Anna University, Chennai / Approved by AICTE, New Delhi/ Accredited by NAAC with A+ grade / ISO 9001:2015 Certified Institution/All the eligible UG programs are accredited by NBA, New Delhi



List of Patent and its current status (as on June 2022)

| Granted | Published | Filed |
|---------|-----------|-------|
| 8 | 96 | 19 |
| 123 | | |

| Sl.No. | Name of the Applicants | Name of the Inventors | Title | Application no. & patent filed Date | Current Status | Dept. |
|--------|---|---|--|-------------------------------------|---|-------|
| 1. | 1. RMK Engineering College 2. SurithNivas Mohan Doss | 1. Dr.GeethaRamadas 2. Sai Prasad Sridaran 3. Raam Kumar Hari Krishnan 4. SurithNivas Mohan Doss | Photovoltaic Driven High-Precision Temperature Controllable Peltier Domestic Cooler/Warmer | 3165/CHE/2014 30/06/2014 | Granted Patent No. 340739 07/07/2020 | EEE |
| 2. | 1.RMK Engineering College 2. E. Kaleeswaran | 1. Dr.GeethaRamadas 2. A.AlhamdhuNisha | Extending The Shelf Life of The Food By Microbial Inactivation Using Continuous And Flash | 814/CHE/2015 11/08/2015 | Granted patent No. 354425 24/12/2020 | EEE |

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| | | 3. S. Manivannan 4. Kommoju Sai Teja Kashyap | Process Based on Ohmic Heating Technique | | | |
| 3. | 1. RMK Engineering College 2. Tadimetim Niharika | 1. Dr. K.A. Mohamed Junaid 2. Tadimetri Niharika 3. M. Britto Sumitha 4. Vijaya Preethi 5. 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. 364374 09/07/2021 | EIE |
| 4. | 1. RMK Engineering College 2. Deepak Ganesan | 1. Deepak Ganesan 2. V. Siva Kumar | Novel Invention To Maintain Tire At Constant Pressure Using Heated Atmospheric Air | 201641013417 18/04/2016 | First Examination Report Received | ME |
| 2017 | | | | | | |
| 5. | 1. RMK Engineering College | 1. Dr. S. Vijayalakshmi 2. Dr. T. Gnanasekaran 3. Yogalakshmi. K 4. Sakala Vishali Sakunthala 5. P. Srilatha | Design of Compressor Less Water Chiller and Heater | 201741022392 27/06/2017 & Published on 28/12/2018 | Granted patent No. 364374 14/07/2021 | EIE |
| 6. | 1. RMK Engineering College | 1. Dr. Y. Sukhi 2. Anantha Padmanabhan. T 3. Aravind. S 4. Aravindan. K | Home Automation and Accident Prevention with Cloud Control System | 201741025254 17/07/2017 | Granted patent No. 364374 09/04/2021 | EEE |

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| 7. | 1. RMK Engineering College | 1. K.R. Chairma Lakshmi 2. Dr. T. Gnanasekaran 3. H.Jayaprakash B.Giridhar 4. N.K.Dhanasekar 5. D.Dinesh Kumar | Border Alert and Life Protection System for Fishermen | 201741022591 28/06/2017 | Granted patent No. 382981 15/02/2022 | EIE |
| 8. | 1. RMK Engineering College | 1. M. Daniel Naresh Kumar 2. S. Gokulnath 3. P. Anand 4. K. R. Hemanth Kumar | RFID based Public Transportation Monitoring System monitored using IoT | 201741032145 12/06/2017 | Granted patent No. 386282 10/01/2022 | ECE |
| 9. | 1. RMK Engineering College | 1. Joel. T 2. Simran.S 3. P.Subashini | Smart Air pollution monitoring control using IoT& Machine Learning | 201741032146 12/06/2017 | Granted patent No. 391498 10/03/2022 | ECE |
| 10. | 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 | Application Published 08/02/2019 | EEE |
| 11. | Dr.Y. Sukhi | Dr.Y. Sukhi | Automatic Water Pouring In Grinder Using Relay Control | 201741025265 17-07-2017 | Application Published 18-01-2019 | EEE |
| 2018 | | | | | | |
| 12. | 1.RMK Engineering College | 1. Dr.S. Sambath | Graphical User Interface for Flaw Classification in Ultrasonic Testing | 201841049951 31/12/2018 | Application Published 03/07/2020 | ME |
| 13. | 1.RMK Engineering College | 1. T Suresh 2. N.M. | Interactive voice enabled outdoor navigation system | 201841049953 31/12/2018 | Application Published | ECE |

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| | | JothiSwaroopan | for visually impaired people | | 03/07/2020 | |
| 14. | 1.RMK Engineering College | 1. T. Suresh 2. V. Diwakar 3. R. Hem Kumar Roa 4. ShabareNarayan | An IoT Enable Safety Door lock system | 201841049961 31/12/2018 | Application Published 03/07/2020 | ECE |
| 15. | 1.RMK Engineering College | 1. J. Bharath Singh 2. Dr.T.Gnanasekaran 3. R. Rathi 4. R. Sobana 5. K. SwarnaPriya | Buddy StickFor Challenged PeopleWith Bus Identification | 201841049954 31/12/2018 | Application Published 03/07/2020 | EIE |
| 16. | 1.RMK Engineering College | 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 | Application Published 03/07/2020 | Civil |
| 17. | 1.RMK Engineering College | 1. Dr. BinuSukumar 2. P. Ramshankar 3. V. Saran Kumar | Water pump monitoring system | 201841049963 31/12/2018 | Application Published 03/07/2020 | Civil |
| 18. | 1.RMK Engineering College | 1. Dr.T.V. Padvavathy 2. B.Rokesh 3. N.Naresh 4. H.Prem Kumar | Intelligent life saving system for human using UWB Antenna | 201841049952 31/12/2018 | Application Published 03/07/2020 | ECE |

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| 19. | 1.RMK Engineering College | 1. Dr. GeethaRamadas 2. N.M. JothiSwaroopan 3. T. Magesh 4. S. Syed ShahruqBasha 5. S. Yohesh 6. Y. Subash | Self-Maintenance lead acid battery for Life enhancement | 201841049955 31/12/2018 | Application Published 11/09/2020 | EEE |
| 2019 | | | | | | |
| 20. | 1. Dr.B.Jaison | 1. Dr.B.Jaison | Wireless Remote Security Management Server For IOT | 201941041418 14/10/2019 | Application Published 25/10/2019 | CSE |
| 21. | 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 | Application Published 29/11/2019 | CSE |
| 22. | MEDELECT INSTRUMENTS LLP | 1. K. S. Nivethitha 2. 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 | Application Published 02/10/2020 | EEE |

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| 23. | 1.RMK 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 | Application Published 04/06/2021 | EIE |
| 24. | . Mr. J. Umamageswaran | . Mr. J. Umamageswaran | Smart Healthcare Systems Integrating Internet-Of-Things And Cloud Computing | 201941053876 26/12/2019 | Application Published 03/01/2020 | IT |
| 2020 | | | | | | |
| 25. | 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 | Application Published 12/06/2020 | CSE |
| 26. | Ms.Chandla Ellis | Ms.Chandla Ellis | IOT Based Intelligent Solar Water Heater | 202041030263 16/07/2020 | Application Published 07/08/2020 | EEE |
| 27. | Ms. M.S. Kavitha | Ms. M.S. Kavitha | IoT Based Smart Wearable Social Distancing Alert System | 202041042946 02/10/2020 | Application Published 09/10/2020 | EEE |
| 28. | RMK Engineering College | Dr.R. Suresh Kumar Dr.M. MudhuKrishnana Dr.K. Senthikumar | Automatic Air Filling System For Automobiles | 202041045228 16/10/2020 | Published 22/04/2022 | Mech |
| 29. | RMK Engineering College | Dr.T.Sethukarasi Dr. B. Jaison | Universal IP Adapter | 202041044207 10/10/2020 | Published 15/04/2022 | CSE |
| 30. | RMK Engineering College | Ms.M. Aswini Dr.T.Suresh | Hybrid Communication For Interaction Between | 202041045391 19/10/2020 | Published 22/04/2022 | ECE |

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| | | | Blind,Deaf And Dumb. | | | |
| 31. | RMK Engineering College | Dr. Sandra Johnson Dr.T.Sethukarasi | Fish Freshness Detector Using IoT | 202041044208 10/10/2020 | Application yet to be Published | CSE |
| 32. | RMK Engineering College | Mr.P. Joysenselva Dr. BinuSukumar | Semi Automated Seed Sowing Machine | 202041044199 10/10/2020 | Application yet to be Published | Civil |
| 33. | RMK Engineering College | Mr.K. Vijayanand Dr.T.Gnanasekaran | Catalytic Converter Efficiency Monitoring System | 202041045390 19/10/2020 | Published 22/04/2022 | EIE |
| 34. | RMK Engineering College | Dr. Y. Sukhi Dr. GeethaRamadas | Led Driver Having Long Lifespan | 202041044203 10/10/2020 | Application yet to be Published | EEE |
| 35. | RMK 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 | EIE |
| 36. | . Mr. J. Umamageswaran | . Mr. J. Umamageswaran | Classification of Blood Cell using Multi and Hyper Spectral Images using Convolutional Neural Networks | 202041026335&2 2/06/2020 | Application Published 03/07/2020 | IT |
| 37. | Mr.K.Chittibabu | Mr.K.Chittibabu | An Air Gesture Based System For Communicating Between Multiple Iot Devices | 202041030653 & 31/07/2020 | Application Published 31/07/2020 | IT |
| 38. | Mr.P.Duraimurugan | Mr.P.Duraimurugan | Design Of Compression Machine For Effective Phase Change Of Rapid Auto Ignition | No.20194105386 5 A 03/01/2020 | Application Published 3/01/2020 | ME |

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| 39. | Dr.T.Gnanasekaran | Dr.T.Gnanasekaran | 3600 Cradle Sitter – A Toddler Monitoring System For Smart Cradle Using IoT And AI | 202141006077 19/02/2021 | Application Published 19/02/2021 | EIE |
| 40. | Dr. MahaboobBasha S | Dr. MahaboobBasha S | Automated Pollution monitoring and controlling system to ensure safety inside closed air conditioned vehicles | 202141004580 03/02/2021 | Application Published 03/02/2021 | ECE |
| 41. | 1. P. Dhanalakshmi 2. SamriddhiProgramme centre, 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 | 202141016659 & 08/04/2021 | Application Published 12/04/2021 | CE |
| 42. | 1. D.Hariharan 2. R.Hariharan 3. Samriddhi Programme centre, R.M.K. Engineering College | 1.D.Hariharan 2.R.Hariharan 3.Dr.T.Sethukarasi 4. Dr. C. Geetha 5. R. Harishkumar 6.Dr.K.A. Mohamed Junaid 7. Dr.N.M. JothiSwaroopan | Virtual Healthcare Assistance | 202141013782 & 27/03/2021 | Application Published 02/04/2021 | CSE |
| 43. | 1. R.K.Sankamitra 2. Samriddhi Programme centre, | 1.R.K.Sankamitra 2.Ms.M.Vimala 3.SumathiSree. A | Smartphone ControlledEnd-Effector | 202141016660 & 08/04/2021 | Application Published 12/04/2021 | EEE |

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| | R.M.K. Engineering College | 4. Vanitha K 5. Vishnu Priya K S 6.Dr.K.A. Mohamed Junaid 7. Dr.N.M. JothiSwaroopan | | | | |
| 44. | 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.P.Anoop 5.Dr.K.A. Mohamed Junaid 6. Dr.N.M. JothiSwaroopan | Precision Agriculture | 202141013784 & 27/03/2021 | Application Published 02/04/2021 | EEE |
| 45. | 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 | Application Published 02/04/2021 | EEE |
| 46. | 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. | Cattle Monitoring System Using IOT | 202141016661 & 08/04/2021 | Application Published 12/04/2021 | ECE |

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| | | Mohamed Junaid 6. Dr.N.M. JothiSwaroopan | | | | |
| 47. | 1.Bhavya D 2. SamriddhiProgram mecentre, 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 | Application Published 02/04/2021 | ECE |
| 48. | 1.Ramya.G 2. Samriddhi Programme centre, R.M.K. Engineering College | 1.Ramya.G 2. Dr.S. MahaboobBasha 3.Selvapriya M 4.Sushmitha G 5.Dr.K.A. Mohamed Junaid 6. Dr.N.M. JothiSwaroopan | Mems Sensor Based Duplex Communication For Recognizing Asl | 202141016662 & 08/04/2021 | Application Published 12/04/2021 | ECE |
| 49. | 1.Jayapriya YU 2. SamriddhiProgram mecentre, 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 & 27/03/2021 | Application Published 02/04/2021 | EIE |
| 50. | 1.Lokesh.M 2. Samriddhi Programme centre, R.M.K. Engineering | 1. Lokesh.M 2. Mr.K.Muralidhara n | Trolley Encompassed Pesticide | 202141016663 & 08/04/2021 | Application Published 12/04/2021 | ME |

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| | College | 3.Poojith.L.U 4. Rahul Akash.E 5.Dr.K.A. Mohamed Junaid 6. Dr.N.M. JothiSwaroopan | | | | |
| 51. | 1.Rajesh S 2.Sekar S D | Rajesh S Sekar S D | Preliminary Cooling Of Moulding Sand By Precooling Setup | 202141016240A &06/04/2021 | Application Published 16/04/2021 | ME |
| 52. | 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 A & 01/05/2021 | Application Published 11/06/2021 | ME |
| 53. | Mr.P.Duraimuruga n | Mr.P.Duraimuruga n | An Automated Number Plate Recognition System Using Image Processing Techniques | 202141019985 & 07/05/2021 | Application Published 7/05/2021 | ME |
| 54. | 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.GeethaRamada s 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 | Application Published 15/05/2021 | EEE |
| 55. | R. L. Sankarlal, | R. L. Sankarlal, | Multirotor Horizontal Wind Turbine | 202141021169 A& 11/06/2021 | Application Published 11/06/2021 | ME |

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| 56. | Rajesh S | Rajesh S | Differential And Motor Support For Formula SAE Electric Car | 202140117917 A & 19/04/2021 | Application Published 30/04/2021 | ME |
| 57. | 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 A & 22/06/2021 | Application Published 09/07/2021 | ME |
| 58. | Dr.A. Kadirvel | Dr.A. Kadirvel | A novel method integration of internal combustion engine with IoT Device | 202141027861 A & 27/06/2021 | Application Published 09/07/2021 | ME |
| 59. | R.M.K. Engineering College | Ms.MPerarasi Mr. Alexander Jeevanatham Dr. GeethaRamadas ShaliniS,SwethaaP riyaS,Bhanusreeja P,SivaSriya D | Design Of Smart Therapy Device For Bone And Muscle Healing | 202141029945 & 03/07/2021 | Application yet to be Published | EEE |
| 60. | 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 | Application yet to be Published | ECE |
| 61. | R.M.K. Engineering College | Ms. S. Srijayanthi Dr. C. Geetha Dr.T.Sethukarasi R. SaiVignesh; P. Pranavaraaj; K.N. Gangaraju, | Smart Cane for Visually Impaired People | 202141029948 & 03/07/2021 | Application yet to be Published | CSE |
| 62. | R.M.K. Engineering | Dr.G.Mahendran | Analysis and experimental | 202141029951 & | Application yet | ME |

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| | College | Dr. K. Senthil Kumar ShathyaNarayanan .T, Sandeep.B.S, Sujithkumar.k | investigation of Tool wear resistance by cryogenic treatment | 03/07/2021 | to be Published | |
| 63. | 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 | Application yet to be Published | EIE |
| 64. | R.M.K. Engineering College | Mr. S.P.Kanniyappan Dr. BinuSukumar Pranoj.D.M, MohanaKrishnan. A, Ruben Chakravarthy.B | Smart Movable Hydraulic Powered Wall | 202141029947 & 03/07/2021 | Application yet to be Published | CE |
| 65. | 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 | Application yet to be Published | ECE |
| 66. | R.M.K. Engineering College | Duraimurugan P Dr. K. Senthil Kumar Ranadheer G ; SaiVenkatRamana n R ; Sunil Kumar Bodi | Underwater robot: An enhanced tool for deep water exploration and retrieval of objects | 202141029950 & 03/07/2021 | Application yet to be Published | ME |
| 67. | R.M.K. Engineering College | Dr. C. Geetha Dr. T. Sethukarasi | Neural Speech Through Brain Waves for Speech | 202141029944 & 03/07/2021 | Application yet to be Published | CSE |

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| | | SaiVignesh R, Thejeshwar A B; Tamilvendhan K | Impaired Persons | | | |
| 68. | R.M.K. Engineering College | Dr.GeethaRamadas Ms.Annie Isabella L Mr.Y.AlexanderJeevanantham Abirami S, Geervani C R, Aarthi S, BeautlinDivya R | Automated Fish Feeder Using IOT Module | 202141029942 & 03/07/2021 | Application yet to be Published | EEE |
| 69. | P. Latha | P. Latha | Electrode Skin Resistance Preventer For Wireless Cardiac Ecg Monitoring System | 202041031914 & 25/07/2020 | Application Published 21/08/2020 | ECE |
| 70. | 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 | Application Published 30/07/2021 | ECE |
| 71. | Ms.R.Pavaiyarkarasi | Ms.R.Pavaiyarkarasi | Cloud Based Secured Data Transmission Using Trapdoor Encryption | 202141024812 & 03/06/2021 | Application Published 11/06/2021 | ECE |
| 72. | Ms.R.Pavaiyarkarasi | Ms.R.Pavaiyarkarasi | Detection Of Glaucoma Using Image Processing | 202141026746 & 16/06/2021 | Application Published 02/07/2021 | ECE |
| 73. | Ms. B. Sarala | Ms. B. Sarala | An Analtical Method For Health Risk Prediction Of A | 202041021783 & 24/05/2020 | Application Published | ECE |

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| | | | Patient's Health In Real Time Using Machine Learning | | 05/06/2020 | |
| 74. | 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 | Application Published 30/07/2021 | ECE |
| 75. | Darwin Nesakumar A | Darwin Nesakumar A | Sensing And Detection Of Cracks And Obstacles On The Railway Line | 202141036443 & 12-08-2021 | Filed | ECE |
| 76. | S. ANITA | S. ANITA | PORTABLE SOLAR COAT FOR CHARGING ELECTRIC VEHICLE | 202141045825 &08/10/2021 | Filed | EEE |
| 77. | K. BALA MAHESWAR | K. BALA MAHESWAR | SMART COLLEGE BELL AUTOMATION USING ARDUINO | 202141045826 &08/10/2021 | Filed | EEE |
| 2022 | | | | | | |
| 78. | R.M.K. Engineering College | Pari Yogeshwaran. S Mughilan. V Rahul. R Dr. B.Sarala, Dr. T. Suresh | Boundary Attentive System For Angler | 202141058738 16/12/2021 | Published & Exam Fee paid 04/02/2022 | ECE |
| 79. | R.M.K. Engineering College | Lokesh U Jayender R | Virtual mouse system using object detection | 202141059518 20/12/2021 | Published & Exam Fee paid | SH |

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| | | Parvathi Priya Lalitha Ramachandran S.Vijayakumar Dr.SMeenakshi Dr. M Meena Dr. S. D. Uma Mageswari Dr.S.Pavaimadheswari | | | 04/02/2022 | |
| 80. | 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 IRLED Lights | 202141058741 16/12/2021 | Published & Exam Fee paid 04/02/2022 | EEE |
| 81. | 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 | Published & Exam Fee paid | CE |
| 82. | 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. Ganesekaran | Mini Robot for Medication adherence and monitoring for elderly Covid prevention by detecting mask and maintaining the social distance | 202141059517 20/12/2021 | Published & Exam Fee paid 04/02/2022 | EIE |
| 83. | R.M.K. Engineering College | Sam Bennyhinn Hongton K Sandeep R | Automatic tyre pressure Inflation system | 202141058740 16/12/2021 | Published & Exam Fee paid 04/02/2022 | ME |

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| | | Sakthivel M R.Suresh kumar Dr.K.R Senth Kumar | | | | |
| 84. | R.M.K. Engineering College | Ashwin Kumaar R B Avinash M Balaji K Sengottaiyan K Dr.K.R Senth Kumar | Design and Fabrication of Robotic Arm for Painting Operation | 202141058736 16/12/2021 | Published & Exam Fee paid 04/02/2022 | ME |
| 85. | 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 | CE |
| 86. | R.M.K. Engineering College | Mr.K Vijay Anand A. Anto Nobel M. Arun Kumar Dr. K. A. Mohamed Junaid Dr.T. Ganesekaran | 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 | EIE |
| 87. | 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 | EEE |
| 88. | R.M.K. Engineering College | Logeshwaran M J. Joselin Jeya Sheela Parvathi Priya A Dr. Meena M Dr. S. D. Uma | Development of Plant Health Monitoring and Irrigation System | 202241003715 22/01/2022 | Published & Exam Fee paid 25/03/2022 | SH |

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| | | Mageswari Dr.S.Pavaimadheswari | | | | |
| 89. | 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 | 202241003715 22/01/2022 | Published & Exam Fee paid 25/03/2022 | SH |
| 90. | 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 04/02/2022 | SH |
| 91. | R.M.K. Engineering College | Mr.Thanga Dhiwan V Ms.lyswariya A Mr.Rajaraman R Dr. A. | ROBOTIC ARM USING ARDUINO IN CONSTRUCTION WORK | 202241019797 31/03/2022 | Published & Exam Fee paid 13/05/2022 | SH |

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| | | Vijayalakshmi Dr. M. Meena Dr.S.D.Uma Mageswari Dr. S. Pavai Madheswari | | | | |
| 92. | 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 | SH |
| 93. | 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 | SH |
| 94. | 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 | SH |
| 95. | 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 | SMART ATTENDANCE SYSTEM | 202241019799 31/03/2022 | Published & Exam Fee paid 13/05/2022 | SH |

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| | | Dr.J.Anto Pradeep Dr.A.Jagadesan Dr .Pavai Madheswari S | | | | |
| 96. | 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 | SH |
| 97. | 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 | ADS |
| 98. | 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 | CSBS |
| 99. | R.M.K. Engineering College | Mr.Hareesh Rajendran | ACCESSIBILITY CONTROL WITH GESTURE DETECTION | 202241019802 31/03/2022 | Published & Exam Fee paid | CSE |

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| | | Mr.Vankandaru Leela Sathvika Dr.A.Thilagavathy Dr.T.Sethukarasi | | | 13/05/2022 | |
| 100 | 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 | EEE |
| 101 | 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 | EEE |
| 102 | R.M.K. Engineering College | Mr.Gopalakrishna n. A Mr.Tharun Kumar. A Mr.Thilak. S.M. Ms.Priyadharshini Ms.Pravaeena Dr.N.M. Jothi Swaroopan Dr. T.Ganesekartan | AFFORDABLE UAV FERTILIZER DISTRIBUTOR | 202241019808 31/03/2022 | Published & Exam Fee paid 13/05/2022 | EIE |

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| 103 | R.M.K. Engineering College | Ms.S.Bhoommikha Ms.K.Kaviya Ms.Selvalakshmi Ms.Prvaeena Mr.J.Barath Singh Dr.N.M. Jothi Swaroopan Dr. T.Ganesekartan | ANTI-SNOOZE DEVICE | 202241019807 31/03/2022 | Published & Exam Fee paid 13/05/2022 | EIE |
| 104 | R.M.K. Engineering College | Mr.Logeshwaran J. Joselin Jeya Sheela Dr.T.Suresh Dr.B.Sarala | IOT BASED REAL-TIME WINE ANALYSING SYSTEM FOR HOME BREWERS | 202241019803 31/03/2022 | Published & Exam Fee paid 13/05/2022 | ECE |
| 105 | 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 | ECE |
| 106 | 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 | ECE |
| 107 | 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 | ECE |
| 108 | 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 | ECE |

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| 109 | 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 | ECE |
| 110 | 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 | ECE |
| 111 | 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 | ECE |
| 112 | Ms. T.D.Subha | Ms. T.D.Subha | Microcontroller Controlled Robot Arm for Paint Spraying | 202241003732 22/01/2022 | Published 04/02/2022 | ECE |
| 113 | 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 | ECE |
| 114 | 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 | ECE |
| 115 | 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 | ECE |
| 116 | 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 | ECE |
| 117 | Mr. V.Ramkumar | Mr. V.Ramkumar | Smart Intrusion Discovery | 202241006147 | Published | ECE |

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| | | | Systems using ML for Cyber Threats in IoT- Networks | 04/02/2022 | 11/02/2022 | |
| 118 | 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 | ECE |
| 119 | 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 | ECE |
| 120 | . 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 | ECE |
| 121 | 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 | ECE |
| 122 | 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 | EEE |

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| 123 | 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 | EEE |
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| INTERNATIONAL PATENT | | | | | | |
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| 124. | Dr. T. Magesh | Dr. T. Magesh | Design For Parabolic Solar Panel Control System With Viper | 2020103825 01/12/2020 | Granted on 10/03/ 2021 | EEE IP Australia |
| 125. | MRS Kavitha M.S | MRS Kavitha M.S | Development Of Android Based Auto Car Jack Using Internal Car Power | 2021101931 14/04/2021 | Yet to be Granted | EEE IP Australia |