

K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215

(Autonomous)

Patent Details CY: 2023

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
Name of the Department: EEE							
1.	Dr.S.Ramesh	Dr.S.Ramesh	IoT Based Solar Powered Agriculture Robot	389052-001 & 26/06/2023	389052-00 & 23/08/2023	Grant	Patent Grant
2	Dr.S.Ramesh	Dr.S.Ramesh	Solar Powered Glass Cleaning Robot	392222-001 & 08/08/2023	392222-001 & 27/09/2023	Grant	Patent Grant
3	Dr. M.Vijayakumar Dr.Vijayakumar Muniyan	Dr. M.Vijayakumar Dr.Vijayakumar Muniyan	Solar Power Air Pollution Detecting Billboard	395642-001 21/09/2023	395642-001 02/11/2023	Grant	Patent Grant
4	Dr.M.Vijayakumar Dr.V.Ravi Dr.Senthilkumar Sengottaiyan	Dr.M.Vijayakumar Dr.V.Ravi Dr.Senthilkumar Sengottaiyan	IOT Based Automated Rail Track Inspection Trolley	397634-001 14/10/2023	397634-001 08/12/2023	Grant	Patent Grant

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5	Dr.Vijayakumar Madhaiyan Dr.Senthilkumar Sengottaiyan Dr. Vani Easwaran Mrs.Yamuna Krishnasamy Mr.Kannan Eswaran	Dr.Vijayakumar Madhaiyan Dr.Senthilkumar Sengottaiyan Dr. Vani Easwaran Mrs.Yamuna Krishnasamy Mr. Kannan Eswaran	Exam Invigilation Drone	6308687 08/09/2023	6308687 18/09/2023	Grant	UK Patent Grant
6	Dr.Vijayakumar Madhaiyan Dr.Ramasamy Murugesan Mrs. Yuvarani Balan	Dr.Vijayakumar Madhaiyan Dr.Ramasamy Murugesan Mrs. Yuvarani Balan	Sensor Based Wearable Medical Monitoring Device	6308755 08/09/2023	6308755 25/09/2023	Grant	UK Patent Grant
7	Dr.Vijayakumar Madhaiyan Mrs.Vasanthi Arumugam	Dr.Vijayakumar Madhaiyan Mrs.Vasanthi Arumugam	Floating Wind- Powered Aerator System For Ponds And Lakes	6309099 08/09/2023	6309099 18/09/2023	Grant	UK Patent Grant
8	Dr.R. ankar Ganesh	Dr. R. Sankar Ganesh	Face Mask Detector	363759-001 05/05/2022	363759-001 08/11/2023	Grant	Patent Grant
9	Dr.M.Vijayakumar	Dr.M.Vijayakumar	Compact Finger Wearable Mouse	395641-001 21/09/2023	395641-001 08/11/2023	Grant	Patent Grant

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10	Mrs.A.Vasanthi Mrs.K.Yamuna Mrs.B.Yuvarani Dr.E.Vani	Mrs.A.Vasanthi Mrs.K.Yamuna Mrs.B.Yuvarani Dr.E.Vani	20EE322 Analog Electronics Laboratory Manual Cum Record	3507/2023-CO/L 09/02/2023	3507/2023-CO/L 27/10/2023	Published	Copyright received
11	Dr. K. Lakshmi	Dr. K. Lakshmi	Intellisense Ecosmart Meter: IoT-Enabled Energy Monitoring System for Sustainable Power Consumption	202341038926 A 07/06/2023	20234103892 6 A 18/08/2023	Utility	Patent Published
Name of the Department: Safety and Fire Engineering							
1.	Dr.P.Vignesh	Dr.P.Vignesh	Fixture for Friction Stir Welding	406640-001	19.04.2024	Design	Published
2.	Dr.M.Prabu	Dr.M.Prabu	Digital cordless Drilling Machine	404265-001	04.03.2024	Design	Published
3.	Mr.R.Ashokkumar	Mr.R.Ashokkumar	Hybrid Energy recovery system for improved efficiency and reduced emissions in Mechanical power plants	202341085577 A	12.01.2024	Design	Published

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DEPARTMENT OF INFORMATION TECHNOLOGY							
1	Dr.G.Singaravel	Dr.G.Singaravel	Machine Learning Based Health Insurance plans Generation Device Based on Insurer Life Style Assessment		11.01.2024	Utility	Published
2.	Dr. S. R. Menaka	Dr. S. R. Menaka	Machine learning-based closed-loop mixture of concrete equipment and the method	202341044495 A & 03/07/2023	06/10/2023	Utility	Published
3.	Mrs.R.Sowmiya	Mrs.R.Sowmiya	REAL-TIME IMAGE AI PROCESSOR	403801-001& 04/01/2024	07/03/2024	Design	Published
Department: Computer Science Engineering							
1	Dr.J.Preetha, Dr.V.Sharmila, Ds.S.Vijayaragavan ,Dr.E.Punerselvan, Dr.V.Vennila, Dr.M.Somu, Dr.K.Kumaresan, Mr.M.Azhagesan, Dr.C.Anand ,Dr.N.Saravanan,	Dr.J.Preetha, Dr.V.Sharmila, Ds.S.Vijayaragavan ,Dr.E.Punerselvan, Dr.V.Vennila, Dr.M.Somu, Dr.K.Kumaresan, Mr.M.Azhagesan, Dr.C.Anand ,Dr.N.Saravanan,	Health Monitoring System	369586-001 23.08.2022	05.01.2023	Design	Granted

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	Mr.K.Steephen, Mr.K.Bashkaran	Mr.K.Steephen, Mr.K.Bashkaran					
2	Dr. George Chellin Chandran J Dr. Arun Korath Ms. K. Veena Dr. Venkata N Inukollu Dr. E. Baby Anitha Mrs. Radha Seelaboyina Dr. Nimmy John T	Dr. George Chellin Chandran J Dr. Arun Korath Ms. K. Veena Dr. Venkata N Inukollu Dr. E. Baby Anitha Mrs. Radha Seelaboyina Dr. Nimmy John T	Method and Apparatus for Face Recognition Using Artificial Intelligence	202221053962 A (21.09.2022)	30.09.2022	India	Published
3	S.Krithika M.Bharathi P.Devi Dr.M.Vijayalakshmi Dr.N.Saravanan N.Santhiya M. Gomathi V.Kalaivani R.Arulkumar K.S.Manojee M. Namasivayam	S.Krithika M.Bharathi P.Devi Dr.M.Vijayalakshmi Dr.N.Saravanan N.Santhiya M. Gomathi V.Kalaivani R.Arulkumar K.S.Manojee M. Namasivayam	Robot for carrying goods powered by Arduino for industrial applications	202341002697 A 13.01.2023	17.02.2023	India	Published
4	Dr. M. Ramesh Kumar M. Saravanan Dr. P. RupaEzhil Arasi Dr. R. Prakash K. Vijayalakshmi	Dr. M. Ramesh Kumar M. Saravanan Dr. P. RupaEzhil Arasi Dr. R. Prakash K. Vijayalakshmi	APPLICATION OF ARTIFICIAL INTELLIGENCE IN AGRICULTURE	202341007252 A (04.02.2023)	(10.02.2023)	India	Published

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	P. Venkateswari Dr. P. Deepa Dr. G. Sumathi P. Palanisamy V. Ramya	P. Venkateswari Dr. P. Deepa Dr. G. Sumathi P. Palanisamy V. Ramya	WEATHER MANAGEMENT				
5	Dr. A. Rajiv Kannan Dr. N. Vasuki Dr. C. Anand Dr. V. Vennila Mr. E. Kannan Mr. V. Ramesh Dr. R. Banupriya Ms.M. Jayanthi	Dr. A. Rajiv Kannan Dr. N. Vasuki Dr. C. Anand Dr. V. Vennila Mr. E. Kannan Mr. V. Ramesh Dr. R. Banupriya Ms.M. Jayanthi	Detection of fake news using machine learning algorithms	202341012483 A 23.02.2023	17.03.2023	India	Published
6	Dr.P.Renukadevi Dr. A. Rajiv Kannan Dr. V. Vennila Dr. D.Banumathy	Dr.P.Renukadevi Dr. A. Rajiv Kannan Dr. V. Vennila Dr. D.Banumathy	Design System of Covid-19 Prediction Enhancement Using an Enhanced Grasshopper Optimization Algorithm Based on Linear Factors and Ensemble Learning	202341039764 10.06.2023	30.06.2023	India	Published
7	Dr.Vijay Kumar Rayabharapu NarenderChinthamu	Dr.Vijay Kumar Rayabharapu NarenderChinthamu	Machine learning-based closed-loop mixture of concrete	202341044495 A 03.07.2023	06.10.2023	Utility	Published

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	Mr.AbhraPratip Ray YamanHooda Ms.Priyanka Torne Dr. E.BabyAnitha Dr. S.R.Menaka Dr. Durga Prasad Kavadi Amit Singh Rajput Dr.C.Madana Kumar Reddy	Mr.AbhraPratip Ray YamanHooda Ms.Priyanka Torne Dr. E.BabyAnitha Dr. S.R.Menaka Dr. Durga Prasad Kavadi Amit Singh Rajput Dr.C.Madana Kumar Reddy	equipment and the method				
8	K.S.R. College of Engineering	Mrs. S. Sridevi Dr. A. Rajivkannan Dr.P.S. Periasamy Dr.C.Gowrishankar	Breast, Lung and Brain cancer detection and segmentation	202341071949 A (20.10.2023)	(01.12.2023)	Utility	Published
9	Dr.K.Kalaiselvi , Dr.K.DeepaThilak, Dr.B.Yamini, Dr. K. Arthi, Dr.K.Kumaresan	Dr.K.Kalaiselvi , Dr.K.DeepaThilak, Dr.B.Yamini, Dr. K. Arthi, Dr.K.Kumaresan	IOT Based Smart Watch To Monitor Patients	392782-001 (15.08.2023)	03.10.2023	Utility	Granted
10	Dr.Bechoo Lal DrPrasun Chakrabarti Dr.Aakunuri Manjula Dr.Baby Anitha Elango Dr.Dhyaram Lakshmi Padmaja Dr.Subhrendu Guha Neogi Susanta Karmakar	Dr.Bechoo Lal DrPrasun Chakrabarti Dr.Aakunuri Manjula Dr.Baby Anitha Elango Dr.Dhyaram Lakshmi Padmaja Dr.Subhrendu Guha Neogi Susanta Karmakar	Sensor Based Breath Analyser	6322511 28.10.2023	07.11.2023	Utility	Granted

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	Dr.Meghana Harsh Ghogare	Dr.Meghana Harsh Ghogare					
11	Mrs.S. Jothimani Dr. Jaishree Jain Dr.C.Anand Dr. N.Vasuki Dr.V. LathaJothi Mr.S.Prakash	Mrs.S. Jothimani Dr. Jaishree Jain Dr.C.Anand Dr. N.Vasuki Dr.V. LathaJothi Mr.S.Prakash	AI Based Hybrid Leg	398175-001 (20.10.2023)	(20.11.2023)	Utility	Granted
12	Dr. Dhananjay VasantKhankal Gaurav Sandeep Dave Dr. PrabhatRanjan Dr. V. Vennila Dr. GovindrajChittapur Dr. PavitarParkash Singh	Dr. Dhananjay VasantKhankal Gaurav Sandeep Dave Dr. PrabhatRanjan Dr. V. Vennila Dr. GovindrajChittapur Dr. PavitarParkash Singh	Ergonomic Patient Transfer Chair	396492-001 (03.10.2023)	(14.12.2023)	Utility	Granted
13	Dr. Dhananjay VasantKhankal Gaurav Sandeep Dave Dr. PrabhatRanjan S. Savitha K. Logeswaran	Dr. Dhananjay VasantKhankal Gaurav Sandeep Dave Dr. PrabhatRanjan S. Savitha K. Logeswaran	AI based mechanical aortic heart valve	397087-001 (09.10.2023)	(27.12.2023)	Utility	Granted
14	Dr. K. Kumaresan, Dr. N. Nagajothi, Arulmozhi P, R.Saranpriya, S.Krithika	Dr. K. Kumaresan, Dr. N. Nagajothi, Arulmozhi P, R.Saranpriya, S.Krithika	AI Based Walking Stick	397931-001 (18.10.2023)	14.12.2023	Utility	Granted

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15	M.K.Nivodhini, Dr.R.Banupriya, P.Vasuki, Dr.S.Vadivel, S.Maheshwari	M.K.Nivodhini, Dr.R.Banupriya, P.Vasuki, Dr.S.Vadivel, S.Maheshwari	IoT Based Autonomous Firefighting drone	398156-001 (20/10/2023)	22.12.2023	Utility	Granted
16	Dr.A.Selvaraj Amar Choudhary Dr.Doss Prakash R.Keerthana Agalya M	Dr.A.Selvaraj Amar Choudhary Dr.Doss Prakash R.Keerthana Agalya M	AI Based Electro Surgical Pencil	402314-001 16/12/2023	16.02.2024	Utility	Granted
17	Dr.M.Mythili Dr.P.Kavitha Ms.K.S.Punithaasree Mr.R.Arulkumar Dr. C. Muhuntarajan M. Namasivayam O.K. Gowrishankar K.S.Manojee T.Jayachandran Jegan.M.M	Dr.M.Mythili Dr.P.Kavitha Ms.K.S.Punithaasree Mr.R.Arulkumar Dr. C. Muhuntarajan M. Namasivayam O.K. Gowrishankar K.S.Manojee T.Jayachandran Jegan.M.M	IoT Based 3D Printer	392584-001 (11.08.2023)	21.02.2024	Utility	Granted
18	Dr. Naga Raju Hari Manikyam Dr. M. Thangamani Dr. NaliniKantaSahoo S. Savitha	Dr. Naga Raju Hari Manikyam Dr. M. Thangamani Dr. NaliniKantaSahoo S. Savitha	Novel Presymptomatic Breast Cancer Detection Device	397731-001 (17.10.2023)	(21.02.2024)	Utility	Granted
19	Mrs. Nandhini Mahadevan,	Mrs. Nandhini Mahadevan,	Patient Monitoring Device	6345921	07.03.2024	Utility	Granted

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	Dr. Sharada Prasad Narayanachar, Dr.Venkatesh Guru Karthikeyan, Mrs. NirmalaGandhi Jayaraman, Mr. Arulmurugan Shanmugam, Mrs. Gayathri Chandrasekaran	Dr. Sharada Prasad Narayanachar, Dr.Venkatesh Guru Karthikeyan, Mrs. NirmalaGandhi Jayaraman, Mr. Arulmurugan Shanmugam, Mrs. Gayathri Chandrasekaran		09.02.2024			
20	Dr. Hajera Sana, Pradip Kumar Saini, P. Priyadharshini, Mr. ShaikMunawar, Dr. Mehtab Yasmeen, Dr. A. Selvaraj	Dr. Hajera Sana, Pradip Kumar Saini, P. Priyadharshini, Mr. ShaikMunawar, Dr. Mehtab Yasmeen, Dr. A. Selvaraj	ML Based Nursery Rice Seedling Machine	404007-001 (08.01.2024)	21.03.2024	Utility	Granted
21	Dr. A. Selvaraj Dr. Rohini Suhas Kale U. Kasthuri Dr. S. Saravanan Dr. Kanika	Dr. A. Selvaraj Dr. Rohini Suhas Kale U. Kasthuri Dr. S. Saravanan Dr. Kanika	IOT Based Borewell Child Rescue System	403560-001 (31.12.2023)	18.04.2024	Utility	Granted
22	Dr. J. Sasidevi Dr.G.Sumathi, Ms.K.Sudha, Mr.M.Azhagesan, Mr.P.Palanisamy, R.Kavishree, K. Steephen	Dr. J. Sasidevi Dr.G.Sumathi, Ms.K.Sudha, Mr.M.Azhagesan, Mr.P.Palanisamy, R.Kavishree, K. Steephen	Animal Feeding Systems	394802-001 (10.09.2023)	23.04.2024	Utility	Granted

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	Dr.K.Kalyanasundaram	Dr.K.Kalyanasundaram					
23	Dr. A. Rajivkannan M. Manikandan Dr. K. Pooranapriya Dontala Kirankumar Purushottam Bung Dr.ChetanKhemraj Lanjewar Dr. PoornimaJogi.S Vedatrayee Chatterjee Devika G Dr.Balavivekanandhan A	Dr. A. Rajivkannan M. Manikandan Dr. K. Pooranapriya Dontala Kirankumar Purushottam Bung Dr.ChetanKhemraj Lanjewar Dr. PoornimaJogi.S Vedatrayee Chatterjee Devika G Dr.Balavivekanandhan A	Online payment fraud detection using data science and machine learning in python	202441002584 A (12.01.2024)	(09.02.2024)	Utility	Published
24	Dr. Ravichandran S Dr. Nagulapalli Lingareddy Dr. Sheri Deepika Dr. Ajay Dureja Dr. Mahesh Kumar Dr. Surinder Kaur P. MuthamilSelvan Mrs. S. Savitha Dr. J. Shobana	Dr. Ravichandran S Dr. Nagulapalli Lingareddy Dr. Sheri Deepika Dr. Ajay Dureja Dr. Mahesh Kumar Dr. Surinder Kaur P. MuthamilSelvan Mrs. S. Savitha Dr. J. Shobana	Method And System For Dynamic Resource Allocation And Optimization In IOT Networks Using Heuristic Algorithms	202441013204 A (23.02.2024)	(08.03.2024)	Utility	Published
25	Dr. RachappaJopate Dr.Divyajyothi M. G Mr. NarenderChinthamu Ms. P. Malini Ms. Neeta Bhusal Sharma	Dr. RachappaJopate Dr.Divyajyothi M. G Mr. NarenderChinthamu Ms. P. Malini Ms. Neeta Bhusal Sharma	Enhancing Data Security and Privacy In IOT environments Through Blockchain Technology	202441013364 A (24.02.2024)	(08.03.2024)	Utility	Published

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	Dr. R. Vinoth Mr. Hemant N. Watane Dr. V.Vennila Dr. Ammal Dhanalakshmi M	Dr. R. Vinoth Mr. Hemant N. Watane Dr. V.Vennila Dr. Ammal Dhanalakshmi M					
26	Mr. V R Doifode Mr.,Narender Chinthamu Dr. Lakshmi Kanthan Narayann Dr. Sangeeta Das Mrs. M. Rohitha Dr. Prakash Burade MR, Sachin S. Rindhe Dr. V. Sharmila Dr. Chandrasekarn B	Mr. V R Doifode Mr.,Narender Chinthamu Dr. Lakshmi Kanthan Narayann Dr. Sangeeta Das Mrs. M. Rohitha Dr. Prakash Burade MR, Sachin S. Rindhe Dr. V. Sharmila Dr. Chandrasekarn B	Implementing IOT- Based Smart Control and Simulation for Enhanced Agricultural Systems	202421012200 A (21.02.24)	(15.03.2024)	Utility	Published
27	MS. Supriya s Thomre Mr. V R Doifode Dr. Venkateswarlu Sunkari Ms. ThejovathiMurari Mr. R. Ramkumar Ramaswamy Mr. M. Saravanakumar Mr. N. Arul Dr. C. Anand Dr. M. S. Antony Vigil	MS. Supriya s Thomre Mr. V R Doifode Dr. Venkateswarlu Sunkari Ms. ThejovathiMurari Mr. R. Ramkumar Ramaswamy Mr. M. Saravanakumar Mr. N. Arul Dr. C. Anand Dr. M. S. Antony Vigil	Evaluating voice- Controlled Smart Home Security and Automation Systems Powered by IOT	202421011327 A (19.02.24)	Published (22.03.2024)	Utility	Published
28	Dr. S. Parameswari Mr. NarenderChinthamu	Dr. S. Parameswari Mr. NarenderChinthamu	Implementing Iot- Based Smart	202441019896 A	29.03.2024	Utility	Published

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	Dr. T. R. Muhibur Rahman Suman dash Dr.RichaMukesh Badlani Mr. P. Sathyanathan Mrs.Archana Patnaik Mr.Lisanth T R Mr. BalajiSampathkumar M. Sunil Kumar	Dr. T. R. Muhibur Rahman Suman dash Dr.RichaMukesh Badlani Mr. P. Sathyanathan Mrs.Archana Patnaik Mr.Lisanth T R Mr. BalajiSampathkumar M. Sunil Kumar	Control And Simulation For Enhanced Agricultural Systems	18.03.2024			
29	Dr.VudaSreenivasa Rao V. Chandrasekhar Shaik Meer Subhani Ali Mr. Sunil Kumar S Dr. M. Praveena Ms. B. DhanuSree DrVipinMaurya Dr. R. Banupriya Mrs. M. K. Nivodhini Ms. E. Sivashri	Dr.VudaSreenivasa Rao V. Chandrasekhar Shaik Meer Subhani Ali Mr. Sunil Kumar S Dr. M. Praveena Ms. B. DhanuSree DrVipinMaurya Dr. R. Banupriya Mrs. M. K. Nivodhini Ms. E. Sivashri	IOT-Enabled Smart Waste Management System Integrating Big Data Analytics	202441025020 (28.03.2024)	(05.04.2024)	Utility	Published
30	Dr Gaurav Vishnu Londhe Mr. NarenderChinthamu Dr.Malathy S MageshkumarNaarayana samyVaradarajan Dr. Ashish Dr.PanemCharanarur Dr.Bechoo Lal	Dr Gaurav Vishnu Londhe Mr. NarenderChinthamu Dr.Malathy S MageshkumarNaarayanasa myVaradarajan Dr. Ashish Dr.PanemCharanarur Dr.Bechoo Lal	Leveraging Blockchain Technology To Enhance Data Security And Privacy In Iot Environments	202441023376 A 25.03.2024	05.04.2024	Utility	Published

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	B. Sravanthi A. Srilakshmi S. Abdul Rahuman	B. Sravanthi A. Srilakshmi S. Abdul Rahuman					
31	Dr.VudaSreenivasa Rao Ms Savita Vijay Dr. Shabbier Ahmed Sydu Ms. Jegatha Antony Dr.VenkataramanaGuntreddi Ms. K. Suriya Mr. Jayanta Kumar Sahu Dr. Y MohanaRoopa Mr. Kumaresh Pal Ms. S. Subhapradha	Dr.VudaSreenivasa Rao Ms Savita Vijay Dr. Shabbier Ahmed Sydu Ms. Jegatha Antony Dr.VenkataramanaGuntreddi Ms. K. Suriya Mr. Jayanta Kumar Sahu Dr. Y MohanaRoopa Mr. Kumaresh Pal Ms. S. Subhapradha	Smart Management Of DC Fast Charging Systems For Electric Vehicles Through Iot Monitoring	202441023887 26.03.2024	05.04.2024	Utility	Published
32	Dr Mahammad Rafi D Dr. Arvind Jaiswal Justin Kumar K.I Bhavneet Kaur Sonam Juneja Shikha Atwal Amit Kumar Sharma Pranavan S Namasivayam M Anthony SavioHerminio da PiedadeFernandes 11.Dr. M. Saravanan 12.Dr. M. Vetrivel	Dr Mahammad Rafi D Dr. Arvind Jaiswal Justin Kumar K.I Bhavneet Kaur Sonam Juneja Shikha Atwal Amit Kumar Sharma Pranavan S Namasivayam M Anthony SavioHerminio da PiedadeFernandes 11.Dr. M. Saravanan 12.Dr. M. Vetrivel	Deep Learning Approaches For Energy Consumption Forecasting And Management Systems In Smart Homes	202441027950 A (04.04.2024)	(12.04.2024)	Utility	Published

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33	V. Chandrasekhar Dr. RydhmBeri Dr Rajesh KedarnathNavandar Mr. N.Srinivasan, Dr J. GnanaJeslin Dr. Y. Md. Riyazuddin Ms. S. Jacquilin Veda Jancy Dr SaswatiKumari Behera Mrs D S Vanaja, Mr.O.K. Gowrishankar	V. Chandrasekhar Dr. RydhmBeri Dr Rajesh KedarnathNavandar Mr. N.Srinivasan, Dr J. GnanaJeslin Dr. Y. Md. Riyazuddin Ms. S. Jacquilin Veda Jancy Dr SaswatiKumari Behera Mrs D S Vanaja, Mr.O.K. Gowrishankar	The IoT-Enabled smart health monitoring system is revolutionizing healthcare with connected devices and data analysis	202441027587 A (03.04.2024)	(12.04.2024)	Utility	Published
34	P. Vasuki D. Bharanikumar M.Dhanam Dr. T. Sivaprakasam S.Akshayaa J.K. Eswararunprakash B.Monithkumar K. Sabarinathan G. Dineshkumar R. Dhanush K. Agathiyan B. Deepak Kumar S. Samynathan	P. Vasuki D. Bharanikumar M.Dhanam Dr. T. Sivaprakasam S.Akshayaa J.K. Eswararunprakash B.Monithkumar K. Sabarinathan G. Dineshkumar R. Dhanush K. Agathiyan B. Deepak Kumar S. Samynathan	GSM AND RFID Based Automatic Ration Material And Digital Token Distribution	202441029356 A 11.04.2024	19.04.2024	Utility	Published

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35	Dr.ShafqatAlauddin Gaurav Vishnu Londhe Dr. R. Vanaja Dr. Ashish Dr. N. Ch. Sriman Narayana Iyengar Dr. M. L. Ravi Chandra Ms. M. Sophia Dr. N. Sathishkumar Dr. K. Sivanandam Mr. P. Pasupathi	Dr.ShafqatAlauddin Gaurav Vishnu Londhe Dr. R. Vanaja Dr. Ashish Dr. N. Ch. Sriman Narayana Iyengar Dr. M. L. Ravi Chandra Ms. M. Sophia Dr. N. Sathishkumar Dr. K. Sivanandam Mr. P. Pasupathi	System And Method For Facilitating 6g Services Utilizing Existing 5g Infrastructure	202411021629 A 21.03.2024	26.04.2024	Utility	Published
36	Dr. Ravindra Bhardwaj Dr. B. Arunadevi Amrita Tiwari Neha Arya Dr.D.Vetrithangam NeeharikaTripathi NagamaniBoyapti U. Kasthuri R. Arulkumar	Dr. Ravindra Bhardwaj Dr. B. Arunadevi Amrita Tiwari Neha Arya Dr.D.Vetrithangam NeeharikaTripathi NagamaniBoyapti U. Kasthuri R. Arulkumar	AI-Driven Predictive Strategies for Enhancing Electric Vehicle Battery Charging Life Cycle Sustainability	202411035163 (02.05.2024)	(17.05.2024)	Utility	Published
37	Dr. BidishaBhabani Dr. Imran Mirza Dr. V. Sharmila Deepti Aggarwal Dr. S. Saravanan	Dr. BidishaBhabani Dr. Imran Mirza Dr. V. Sharmila Deepti Aggarwal Dr. S. Saravanan	AI Based Pot Making Machine	411011-001 (19.03.2024)	16.05.2024	Utility	Granted
38	Dr. V. Sharmila Dr. G. Padmapriya Dr Kamal Kant	Dr. V. Sharmila Dr. G. Padmapriya Dr Kamal Kant	Sign Language To Speech Converter Device	399290-001 (06.11.2023)	(16.05.2024)	Utility	Granted

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
	Dr. S. Saravanan.	Dr. S. Saravanan.					
39	Dr. A. Rajiv Kannan Dr. Rakesh Kumar Yadav Ms. Swati Nitnaware Ms. Medichetti Devarshini Dr Rajesh KedarnathNavandar Kiran S. Katke DhruvaSreenivasaChakra varthi Mr. Mandli Rami Reddy Dr. A.V. Kalpana	Dr. A. Rajiv Kannan Dr. Rakesh Kumar Yadav Ms. Swati Nitnaware Ms. Medichetti Devarshini Dr Rajesh KedarnathNavandar Kiran S. Katke DhruvaSreenivasaChakra varthi Mr. Mandli Rami Reddy Dr. A.V. Kalpana	IOT-BASED waste management bin	413076-001 (09.04.2024)	07.06.2024	Utility	Granted
40	Dr.V.Sharmila Sangeetha S Sumukhi V Sivani S R.	Dr.V.Sharmila Sangeetha S Sumukhi V Sivani S R.	IOT based borewell child rescue System	415462-001 01.05.2024	04.07.2024	Design	Granted
41	Dr. C. Anand Ms. Karthiga S Ms. Jothika Mohan Kadam M, Mr. Hariharan M	Dr. C. Anand Ms. Karthiga S Ms. Jothika Mohan Kadam M, Mr. Hariharan M	Blockchain-based E-Voting Device	426117-001 (07.08.2024)	20.09.2024	Design	Granted
42	Dr. K. Venkatesh Guru Mr. Boopathi R Mr. Kavın kumar M Mr. Bharathi T	Dr. K. Venkatesh Guru Mr. Boopathi R Mr. Kavın kumar M Mr. Bharathi T	Blockchain based Food Delivery Tracing Device	425637-001 (02.08.2024)	13.09.2024	Design	Granted

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
43	Mrs. P. Vasuki Mr. Logeshwaran N Ms. Jeevitha N Ms. Jayasree M	Mrs. P. Vasuki Mr. Logeshwaran N Ms. Jeevitha N Ms. Jayasree M	Voice Assistant Chatbot Kiosk For College Enquiry	425904-001 (05.08.2024)	25.09.2024	Design	Granted
44	Mrs. V. Shanmugavalli Mr. Dhanush T Mr. Ashok Kumar K Mr. Aswinth A	Mrs. V. Shanmugavalli Mr. Dhanush T Mr. Ashok Kumar K Mr. Aswinth A	Fake Media detection Device using Natural Language Processing	425907-001 (05.08.2024)	25.09.2024	Design	Granted
45	Ms. P. Priyadharshini Mr. Gokul Sharma M Mr. Baratvarsan R S Mr. Mahendran M	Ms. P. Priyadharshini Mr. Gokul Sharma M Mr. Baratvarsan R S Mr. Mahendran M	AI Based real estate value Forecasting Device	426455-001 (10.08.2024)	25.09.2024	Design	Granted
46	Dr. E. Baby Anitha Mr. Deepak kumar N Mr. Gopikannan S Mr. Jeyandhann A S	Dr. E. Baby Anitha Mr. Deepak kumar N Mr. Gopikannan S Mr. Jeyandhann A S	AI based Device for food sales Prediction and Analysis	425640-001 (02.08.2024)	27.09.2024	Design	Granted
47	Dr. S. Vadivel Ms. Harshavarthini N Mr. Jeyprasath B Mr. Arunkumar K	Dr. S. Vadivel Ms. Harshavarthini N Mr. Jeyprasath B Mr. Arunkumar K	Blockchain based data storage device for Healthcare Management	425906-001 (05.08.2024)	20.09.2024	Design	Granted
48	Mrs. M. K. Nivodhini Mr. Bharath S Ms. Haritha M Ms. Aparna S	Mrs. M. K. Nivodhini Mr. Bharath S Ms. Haritha M Ms. Aparna S	AI based social media Cyber Bullying Detection Device	426615-001 (12.08.2024)	26.09.2024	Design	Granted

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
49	Mr. K. S. Manojee Mr. Mohamedkalifa S Ms. Dhanasri A Mr. Indrish S	Mr. K. S. Manojee Mr. Mohamedkalifa S Ms. Dhanasri A Mr. Indrish S	Medical image Encryption and decryption Device	427056-001 (14.08.2024)	27.09.2024	Design	Granted
50	Ms. R. Keerthana Mr. Harish C Mr. Kalaiyarasan C JagadeeshwaranM	Ms. R. Keerthana Mr. Harish C Mr. Kalaiyarasan C JagadeeshwaranM	Device for Disease Detection	427057-001 (14.08.2024)	25.09.2024	Design	Granted
51	Dr. E. Baby Anitha, Mr. Ravipravin M, Mr. Sirijan RA NA Mr. Yugapriyan S	Dr. E. Baby Anitha, Mr. Ravipravin M, Mr. Sirijan RA NA Mr. Yugapriyan S	AI based device for Brain Disease Diagnosis	427060-001 (14.08.2024)	27.09.2024	Design	Granted
52	Dr. K. Kumaresan Mr.Ponkarthikeyan B Ms. Srivithya P Mr. Vishwaraj S	Dr. K. Kumaresan Mr.Ponkarthikeyan B Ms. Srivithya P Mr. Vishwaraj S	AI Based rice Paddy Harvesting Machine	427810-001 (22.08.2024)	26.09.2024	Design	Granted
53	Dr. K. Kumaresan Ms. Meenakshi S Ms. Kaviya S Mr. Jana M	Dr. K. Kumaresan Ms. Meenakshi S Ms. Kaviya S Mr. Jana M	AI based Asthma Detecting Device	426614-001 (12.08.2024)	03.10.2024	Design	Granted
54	Mr. R. Arulkumar Ms. Madhumitha N Ms.Devadharashini R Mr. Dhanush K	Mr. R. Arulkumar Ms. Madhumitha N Ms.Devadharashini R Mr. Dhanush K	AI based Heart Disease Prediction Device	425902-001 (05.08.2024)	01.10.2024	Design	Granted

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
55	Dr. R. Banupriya Mr.Ashok Kumar RA Mr. Girithar M Mr. Jeevananth S	Dr. R. Banupriya Mr.Ashok Kumar RA Mr. Girithar M Mr. Jeevananth S	Data Possession Device for Hybrid Cloud Environment	425903-001 (05.08.2024)	01.10.2024	Design	Granted
56	Mr. M. Azhagesan Mr. Santheesh S Mr. Sanjay M	Mr. M. Azhagesan Mr. Santheesh S Mr. Sanjay M	AI Based Crime Prediction Device	428022-001 (23.08.2024)	03.10.2024	Design	Granted
57	Dr. A. Rajiv Kannan Ms. Preethika M Ms. Shanmathi S Ms. Thaarani S	Dr. A. Rajiv Kannan Ms. Preethika M Ms. Shanmathi S Ms. Thaarani S	Agricultural Crop recommendations based on Productivity using Support Vector Machine	427058-001 (14.08.2024)	01.10.2024	Design	Granted
58	Ms. R. Keerthana Mr. Harish V Mr. Divakaran S Mr. Guru RAJ R	Ms. R. Keerthana Mr. Harish V Mr. Divakaran S Mr. Guru RAJ R	AI based online learning Device	425638-001 (02.08.2024)	07.10.2024	Design	Granted
59	Mr. V. Ramesh Mr. Ramasubramaniyan M Mr. Prasanth S Mr. Sabarinathan M	Mr. V. Ramesh Mr. Ramasubramaniyan M Mr. Prasanth S Mr. Sabarinathan M	Machine Learning based Device for Diabetes Prediction	428026-001 (23.08.2024)	07.10.2024	Design	Granted
60	Mr. R. Arulkumar Mr. Vignesh V Mr. Naveen S Mr. Kavın Raja M	Mr. R. Arulkumar Mr. Vignesh V Mr. Naveen S Mr. Kavın Raja M	AI based parking Occupancy Monitoring and prediction device	428024-001 (23.08.2024)	17/10/2024	Design	Granted

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
61	Mrs. V. Shanmugavalli Mr.Naveenkumar AT Mr. Sivasuriya V R Mr. Vaisag P Nair	Mrs. V. Shanmugavalli Mr.Naveenkumar AT Mr. Sivasuriya V R Mr. Vaisag P Nair	Text Mining and Analysis Device	428960-001 (31.08.2024)	17/10/2024	Design	Granted
62	Mrs. S. Savitha Mr. Thalapathy J Mr. Shreedharan M Mr. Sudharsanam S	Mrs. S. Savitha Mr. Thalapathy J Mr. Shreedharan M Mr. Sudharsanam S	AI Based Heart Disease Prediction Device	428959-001 (31.08.2024)	15/10/2024	Design	Granted
63	Mr.M.Namasivayam Mr. Naveen N K Mr. Rakeshkannan M Mr. Ranjith Kumar A	Mr.M.Namasivayam Mr. Naveen N K Mr. Rakeshkannan M Mr. Ranjith Kumar A	Neural Network based Handwritten character Recognition Device	428025-001 (23.08.2024)	22/10/2024	Design	Granted
64	Dr. V. Sharmila Mr. Boobalan V Mr. Kabilan E Mr.Lingesh Prabhu T	Dr. V. Sharmila Mr. Boobalan V Mr. Kabilan E Mr.Lingesh Prabhu T	AI based Cloud Security Detection Device	425639-001 (02.08.2024)	25/10/2024	Design	Granted
65	Mrs. P. Vasuki Mr. Jayasurya M Mr. Bharath G Mr. Arulprasath N	Mrs. P. Vasuki Mr. Jayasurya M Mr. Bharath G Mr. Arulprasath N	Duplicate Signature Detecting Device	426617-001 (12.08.2024)	30/10/2024	Design	Granted
66	Mr. O. K. Gowri Shankar Mr. Nithinkumar S R Mr. Sabarinathan L Mr. Vignesh S	Mr. O. K. Gowri Shankar Mr. Nithinkumar S R Mr. Sabarinathan L Mr. Vignesh S	Social Network Fraud Detection Device	428961-001 31.08.2024	25/10/2024	Design	Granted
67	Dr. V. Vennila Ms. Narmatha V Ms. SANKARI S	Dr. V. Vennila Ms. Narmatha V Ms. SANKARI S	Age and Gender Detecting Device	429080-001 02/09/2024	30/10/2024	Design	Granted

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
	Ms. Swetha T	Ms. Swetha T	using Conventional Neural Network				
68	Mr. P. Palanisamy Mr. Tamil Mani V Mr. Sakthivel T Mr. Thirumalai N	Mr. P. Palanisamy Mr. Tamil Mani V Mr. Sakthivel T Mr. Thirumalai N	AI based Auditing and secure data Storage Device	428023-001 23/08/2024	04/11/2024	Design	Granted
69	Mrs. J. Nirmala Gandhi Mr. Gowtham R Mr. Dharun L Mr. Jeeva M	Mrs. J. Nirmala Gandhi Mr. Gowtham R Mr. Dharun L Mr. Jeeva M	Large Network Cloud Data storage Device	426619-001 12/08/2024	07/11/2024	Design	Granted
70	J. Nirmala Gandhi Mr. Udayaprasath K Mr. Vijay P Mr. Subash T	J. Nirmala Gandhi Mr. Udayaprasath K Mr. Vijay P Mr. Subash T	Diseases Prediction Device From Blood Sample	427812-001 22/08/2024	04/11/2024	Design	Granted
71	Ms. M. Jayanthi Mr. Ponjeeva J Mr. Rajasurya R Mr. Shankar S	Ms. M. Jayanthi Mr. Ponjeeva J Mr. Rajasurya R Mr. Shankar S	Data processing device for Voice Recognition	428958-001 31/08/2024	13/11/2024	Design	Granted
72	Mr. S. Sadhasivam Mr. Vinoth R Mr. Myil Samy S Mr. Vebeeshanan V	Mr. S. Sadhasivam Mr. Vinoth R Mr. Myil Samy S Mr. Vebeeshanan V	AI based software error Testing Device	427813-001 22/08/2024	13/11/2024	Design	Granted
73	Dr. V. Sharmila Mr. Pasupathi P Mr. Shivaprakash G Mr. Srikandh D	Dr. V. Sharmila Mr. Pasupathi P Mr. Shivaprakash G Mr. Srikandh D	Data Analyzing device	427059-001 (14.08.2024)	28.11.2024	Design	Granted
74	Mr. Azhagesan Mr. Ragu Balan R	Mr. Azhagesan Mr. Ragu Balan R	AI based	427054-001 (14.08.2024)	27.11.2024	Design	Granted

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
	Mr. Surya M Mr. Vijay P	Mr. Surya M Mr. Vijay P	Cryptocurrency Price Predictions Device				
75	Dr. C. Anand Mr. Babu pawar shankar A Ms. Haripriya A Mr. Kishan R	Dr. C. Anand Mr. Babu pawar shankar A Ms. Haripriya A Mr. Kishan R	Device for Encrypted data Sharing	425905-001 (05.08.2024)	23.12.2024	Design	Granted
76	Mr. K. S. Manojee Mr. Sanjaykumar G Mr. Saran R Mr. Sriram B	Mr. K. S. Manojee Mr. Sanjaykumar G Mr. Saran R Mr. Sriram B	Blockchain-based secure cloud for Healthcare	427814-001 (22.08.2024)	09.12.2024	Design	Granted
77	Ms. U. Kasthuri Mr. Naveen M Mr. Nishanth K Mr. Sethu vishal S	Ms. U. Kasthuri Mr. Naveen M Mr. Nishanth K Mr. Sethu vishal S	AI based chronic kidney disease predicting device	429079-001 (02.09.2024)	09.12.2024	Design	Granted
78	Mrs. S. Raziya Tabassum	Dr. SK.fakruddin babavali Mr. R. Veerasamy Dr. M. Rajasekar Dr. Chandini behera Dr. Kalidindi V S N raju Dr. Subash Chandra Sahu Dr. Nellore ManojKumar Dr. G. prabha	Nano particle-based delivery systems for optimizing plant growth and development in sustainable Agriculture	202441072012 (24/09/2024)	04/10/2024	Utility	Published
79	Uzma Sarwar Dhruva Teja Kandalam Sunil	Uzma Sarwar Dhruva Teja Kandalam Sunil	Advanced Language model techniques for real-	202441094367 A 01/12/2024	13/12/2024	Utility	Published

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
	S.Rani Dr.M.Balakrishnan Dr K S Chakradhar Dr Dipanwita Debnath Dr E.Baby Anitha Dr.G.Malarselvi Bumba Nandy R. Augasthega	S.Rani Dr.M.Balakrishnan Dr K S Chakradhar Dr Dipanwita Debnath Dr E.Baby Anitha Dr.G.Malarselvi Bumba Nandy R. Augasthega	time intelligent content creation				
80	Dr. Davinder Paul Singh Vinod N. Alone Dr. Bina Sarkar Dr. Jai Prakash Navani Er. SonalSapra Prof.(Dr) Nitin Girdharwal Rajiv Verma Hanis Sultana A Keerthana R Sanjay Srivastava Dr B Gayathri Sanjay Srivastava	Dr. Davinder Paul Singh Vinod N. Alone Dr. Bina Sarkar Dr. Jai Prakash Navani Er. SonalSapra Prof.(Dr) Nitin Girdharwal Rajiv Verma Hanis Sultana A Keerthana R Sanjay Srivastava Dr B Gayathri Sanjay Srivastava	AI-Powered student progress tracker: revolutionising Academic assessment	202421034490 A 01/05/2024	04/10/2024	Utility	Published
81	Dr. R. Banupriya Ms. Swadhiga R Ms. Sivashri E Ms. Kaviya S	Dr. R. Banupriya Ms. Swadhiga R Ms. Sivashri E Ms. Kaviya S	Device for Early detection of Alzheimer's Disease with blood plasma proteins	429167-001 03.09.2024	03.09.2024	Design	Filed

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
82	Mr. S. Sadhasivam Ms. Gomathi G Ms. Dharani S Mr. Gunalan R	Mr. S. Sadhasivam Ms. Gomathi G Ms. Dharani S Mr. Gunalan R	AI based student's performance Analysing device	427055-001 (14.08.2024)	14.08.2024	Design	Filed
83	Mr. E. Kannan Mr. Vijay D Mr. Subash Chandrabose K	Mr. E. Kannan Mr. Vijay D Mr. Subash Chandrabose K	AI Based imaging device for Enhancing Agricultural Productivity	429078-001 (02.09.24)	429078-001 02.09.24	Design	Filed
Department: Automobile Engineering							
1	Dr.P.Marisamy Dr.R.Venkatachalam, Dr.A.Jegan, Mr.K.Sreevasan	Dr.P.Marisamy Dr.R.Venkatachalam, Dr.A.Jegan, Mr.K.Sreevasan	Artificial Knee Prosthesis	391533-001 & 31.07.2023	391533-001 16.11.2023	Design	Granted
2	Sabarikannan Chinnaguruswamy Dr . Manoj AS Dr.Gagandeep Kaur Nagra Dr. Rashmi Mishra Dr . Amar Pal Yadav Dr. Jyoti Prasad Patra Dr.Neelamegan Sengodan Mr.C.Asokan Dr. V.Kannan	Sabarikannan Chinnaguruswamy Dr . Manoj AS Dr.Gagandeep Kaur Nagra Dr. Rashmi Mishra Dr . Amar Pal Yadav Dr. Jyoti Prasad Patra Dr.Neelamegan Sengodan Mr.C.Asokan Dr. V.Kannan	Online Real Time Vehicle Tracking System	397575-001& 14/10/2023	397575-001 & 16/02/2024	Design	Granted

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3	Dr.R.Venkatachalam	Dr.R.Venkatachalam	Aerodynamic wing design with dynamic morphing for optimal lift-to drag ratio	02341087174 & 20/12/2023	202341087174 & 05/01/2024	Utility	Publication
Department of ECE							
1.	Mr.Veeramani Rajumani	Mr.Veeramani Rajumani	Floating Wind Powered Aerator System for Ponds and Lakes	6309099 & 08/09/2023	18/09/2023	Design	Granted
2.	Mr.Sivasankar Rajamani Periyasamy	Mr.Sivasankar Rajamani Periyasamy	Sensor based Wearable Medical Monitoring Device.	6308755 & 08/09/2023	25/09/2023	Design	Granted
3.	Dr.Yuvarajan K P	Dr.Yuvarajan K P	Glucose Level Tracking Device	6316349 & 01/10/2023	19/10/2023	Design	Granted
4.	Mrs.Gowthami Deivasigamani	Mrs.Gowthami Deivasigamani	Portable device for bone cancer detection	6318514 & 13/10/2023	20/10/2023	Design	Granted
5.	Mrs.P.Thilagavathy	Mrs.P.Thilagavathy	Wireless Monitoring system for Mine Safety	395318-001 & 17/09/2023	26/10/2023	Design	Granted
6.	Dr.S.Karthikeyan	Dr.S.Karthikeyan	Solar Power Air Pollution Detecting Bill Board.	395642-001 & 21/09/2023	02/11/2023	Design	Granted

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7.	Dr.R.Eswaramoorthi Dr.A.Velliangiri	Dr.R.Eswaramoorthi Dr.A.Velliangiri	Face Mask Detector	363759-001 & 05/05/2022	363759-001 Granted on 08/11/2023	Design	Granted
8.	Dr.R.Eswaramoorthi	Dr.R.Eswaramoorthi	AI and IoT based enhanced patient healthcare monitoring system	202321069307 A & 14/10/2023	24/11/2023	Utility	Published
9.	K. S. R. College of Engineering	Mrs. Sridevi. S Dr.P.S.Periasamy Dr.C.Gowri shankar	Breast, Lung and Brain Cancer Detection and Segmentation	202341071949 A & 20/10/2023	01/12/2023	Utility	Published
10.	Dr Sathees Kumar Rajagounder	Dr Sathees Kumar Rajagounder	Smart Home Air Quality Monitoring Device	6329033 & 27/11/2023	6329033 04/12/2023	Design	Granted
11.	Mr.J.Rameshkumar	Mr.J.Rameshkumar	IOT Based Automated Rail Track Inspection Trolley	397634-001 & 14/10/2023	397634-001 Granted on 08/12/2023	Design	Granted
12.	Mr.M.Jothimani	Mr.M.Jothimani	Wind and Solar Power Charging Station for E Vehicle.	397631-001 & 14/10/2023	397631-001 Granted on 27/12/2023	Design	Granted
13.	Dr.K.P.Uvarajan Dr.T.M.Sathish Kumar	Dr.K.P.Uvarajan Dr.T.M.Sathish Kumar	Solar Charging Station	364440-001 & 19/05/2022	364440-001 Granted on 05/01/2024	Design	Granted

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
14.	Mr.Sanjay L	Mr.Sanjay (Student)	Interactive Based Smart Board Display	400386-001 & 21/11/2023	400386-001 Granted on 15/01/2024	Design	Granted
15.	Mrs..Thilagavathi.P	Mrs..Thilagavathi.P	Wind Solar Hybrid Power Plant System	400387-001 & 21/11/2023	400387-001 Granted on 15/01/2024	Design	Granted
16.	Dr.C.Gowri Shankar	Dr.C.Gowri Shankar	USB Device to Shutdown PC when not in use	399891-001 & 14/11/2023	399891-001 Granted on 19/01/2024	Design	Granted
17.	Dr.R.Poornima	Dr.R.Poornima	Health Check up device for Pet Animals	400160-001 & 18/11/2023	400160-001 Granted on 02/02/ 2024	Design	Granted
18.	Mrs.P.Usha Dr.R.Eswaramoorthi	Mrs.P.Usha Dr.R.Eswaramoorthi	Smart Wearable Device for Real Time Health Monitoring	402106-001 & 14/12/2023	402106-001 Granted on 16/02/2024	Design	Granted
19.	Mr. Karuppanasamy Krishnamurthi,	Mr. Karuppanasamy Krishnamurthi,	Sensor based Smart Pillow for healthcare System	6331000 & 04/12/ 2023	6331000 Granted on 13/12/ 2023	Design	Granted
20.	S.Suruthi	S.Suruthi	Skin Disease Detection using Deep Learning	202441029329 A & 11/04/2024	Published on 19/04/2024	Utility	Published
21.	S.Suruthi	S.Suruthi	Stress Detection based on Emotion using a	202441029330 A &	Published on 19/04/2024	Utility	Published

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
			Convolutional Neural Network in Deep Learning	11/04/2024			
22.	Dr.T.M Sathish Kumar	Dr.T.M Sathish Kumar	Vehicle-to Vehicle Communication using Light Fidelity(LI-FI) Technology	202441029331 A & 11/04/2024	Published on 19/04/2024	Utility	Published
23.	M.Jothimani	M.Jothimani	Integration IOT for Seamless Energy Management and Theft Protection	202441029332 A & 11/04/2024	Published on 19/04/2024	Utility	Published
24.	Dr.A.Velliangiri	Dr.A.Velliangiri	IOT based Smart Warehouse Management using Machine Learning	202441029333 A & 11/04/2024	Published on 19/04/2024	Utility	Published
25.	J.Ramesh Kumar	J.Ramesh Kumar	Exposing Facial Expressions Through Neural Networks and Landmark Detection.	202441029334 A & 11/04/2024	Published on 19/04/2024	Utility	Published
26.	Dr.C.Gowri Shankar	Dr.C.Gowri Shankar	Vehicle Theft Identification and Detection of Road Accident Through CCTV Surveillance	202441029335 A & 11/04/2024	Published on 19/04/2024	Utility	Published

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
27.	Dr.R.Satheeskumar	Dr.R.Satheeskumar	Wireless Charging System for Electric Vehicle	202441029336 A & 11/04/2024	Published on 19/04/2024	Utility	Published
28.	R .Veeramani	R .Veeramani	Designing of Insert Feed Broadband Microstrip Patch Antenna with Defected Ground Structure	202441029337 A & 11/04/2024	Published on 19/04/2024	Utility	Published
29.	K.Karuppanasamy	K.Karuppanasamy	IOT based Smart Healthcare Monitoring System for the Paralysees and Mute Person	202441029338 A & 11/04/2024	Published on 19/04/2024	Utility	Published
30.	Dr.P.Mahendran	Dr.P.Mahendran	Smart Agriculture System using Machine Learning	202441029339 A & 11/104/2024	Published on 19/04/2024	Utility	Published
31.	S.Sridevi	S.Sridevi	Electricity Consumption Prediction and Control using Machine Learning in Smart Home	202441029340 A & 11/04/2024	Published on 19/04/2024	Utility	Published
32.	Dr.R.Poornima	Dr.R.Poornima	Enhancing MIMO-NOMA System Performance: Deep	202441029341 A &	Published on 19/04/2024	Utility	Published

S. No.	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed Date	Patent No. & Published/Granted date	Type Design/Utility	Status Published / Granted
			Learning-Enabled Optimization of Sum Data Rate and Energy Efficiency	11/04/2024			
33.	P.Sivasankar Rajamani	P.Sivasankar Rajamani	Automatic Fare Collection in Public Transport	202441029342 A & 11/04/2024	Published on 19/04/2024	Utility	Published
34.	S.Krishnakumar	S.Krishnakumar	Emergency Tele-Surgery Operation for Military People during Wartime through IOT	202441029343 A & 11/04/2024	Published on 19/04/2024	Utility	Published
35.	S.Sridevi	S.Sridevi	Experimental Evaluation of Diabetic Retinopathy and Related Eye Disease Identification using Intelligent Deep Learning Principles	202441029344 A & 11/04/2024	Published on 19/04/2024	Utility	Published
36.	P.Thilagavathy	P.Thilagavathy	Design and Implementation of High-Accuracy FIR-Based Approximate Multiplier	202441029345 A & 11/04/2024	Published on 19/04/2024	Utility	Published
37.	P.Usha	P.Usha	Predictive Analysis of BIG Mart Sales	202441029346 A	Published on 19/04/2024	Utility	Published

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			using Machine Learning Algorithm	& 11/04/2024			
38.	D.Gowthami	D.Gowthami	Drainage Blockage Detection and Control System using IOT	202441029347 A & 11/04/2024	Published on 19/04/2024	Utility	Published
39.	Dr.K.P.Uvarajan	Dr.K.P.Uvarajan	An AI based Real-Time Road Analysis System using MEMS Data with IOT Application.	202441029348 A & 11/04/2024	Published on 19/04/2024	Utility	Published
40.	Dr.S.Karthikeyan	Dr.S.Karthikeyan	Motor Cycle Helmet and Triple Riding Compliance Detections using Deep Learning	202441029349 A & 11/04/2024	Published on 19/04/2024	Utility	Published


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