

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

Patent Details CY:2024

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	K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637 215, Namakkal (Dt.)	Dr.S.Ramesh S.Gowtham M.Subramani S.Dhivagar E.Kannan B. Yuvarani M.A.Stephanraj A.Ravi S.Karthik V.Kiruthigadevi	An Innovative Digital Platform for Farmers to Transport Tie Produce F21H-farmers to home	20244109253 3 27.11.2024	20244109253 3 A 06.12.2024	Utility	Published
Name of the Department: Civil Engineering							
2	Dr.K.E.Viswanathan Dr.P.Eswaramoorthi Dr.M.Mariappan Mr.A.Manikandan Mr.B.Suresh Mr.D.Mathiarasu Mrs.R.Selvapriya Ms.A.Dharanya	Dr.K.E.Viswanathan Dr.P.Eswaramoorthi Dr.M.Mariappan Mr.A.Manikandan Mr.B.Suresh Mr.D.Mathiarasu Mrs.R.Selvapriya Ms.A.Dharanya	Geo – grit skirt footing for civil Construction	442117001	442117001 26.12.2024	Design	Published

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3	Dr. Dr.N.Muralimohan Dr.G.Brindha Dr.D.Senthilkumar	Dr. Dr.N.Muralimohan Dr.G.Brindha Dr.D.Senthilkumar	IOT Based System and method for Remotely Controlling Vehicle	20242109841 3	20242109841 3 12.12.2024	Design	Published
Name of the Department: Safety and Fire Engineering							
4	Dr. M. Prabu	Dr. M. Prabu	Digital cordless Drilling Machine	404265-001 11/01/2024	404265-001 04/03/2024	Design	Published
5	Dr. M. Prabu	Dr. M. Prabu	A Fractal surface RF coil design for MRI Diagnosis Application	418163-001 27/05/2024	418163-001 26/07/24	Design	Published
6	Dr. P. VIGNESH	Dr. P. VIGNESH	Fixture for Friction Stir welding	406640-001 05/02/2024	406640-001 19/04/2024	Design	Published
7	Dr.P.Dhirividamani	Dr.P.Dhirividamani	Smart Harvesting Robot for Enhancing Crop oversight	410670-001 15/03/2024	410670-001 20/09/2024	Design	Published
8	Mr. R. Ashok Kumar	Mr. R. AshokKumar	Hybrid Energy Recovery System for Improved Efficiency and Reduced Emissions in Mechanical Power Plants	20234108557 7	20234108557 7	Utility	Published

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9	Mr. K. Manogar	Mr.K. Manogar	Encoder Support for Computer Numeric Control (CNC) Machine	405515-001 24/01/2024	405515-001 12/07/2024	Design	Published
10	Mr.V.S.Tamilselvan	Mr.V.S.Tamilselvan	Alloy mixing and Casting Machine	412989-001 08/04/2024	412989-001 07/06/2024	Design	Published
11	Mr. V.K. Vasanth	Mr. V.K. Vasanth	Device to Measure Soil Moisture Level	400782-001 28/11/2023	400782-001 26/01/2024	Design	Published
DEPARTMENT OF INFORMATION TECHNOLOGY							
12	1. Dr. Anguraj S 2.Dr.K. Balamurugan 3. T.Sathish kumar 4 . Dharani G 5. Suganya S 6. Ms.M.Sasipriya 7. Samya Devi V 8. T.Saran Sujai	1.Dr. Anguraj S 2.Dr.K. Balamurugan 3.T. Sathish kumar 4. Dharani G 5. Suganya S 6. Ms.M.Sasipriya 7. Samya Devi V 8. T.Saran Sujai	AI and IoT based smart Parking in urban areas	20244109514 9 03/12/2024	20244109514 9 13/12/2024	Utility	Published
13	1.Dr.P.Meenakshi Devi 2. R. Kavitha 3. P. Rajasekar 4. R. Sowmiya 5.Dr.K.P. Uvarajan 6. Dr. S. Anguraj 7.S. Sethupathi	1.Dr.P.Meenakshi Devi 2. R. Kavitha 3. P. Rajasekar 4. R. Sowmiya 5.Dr.K.P. Uvarajan 6. Dr. S. Anguraj 7.S. Sethupathi	IoT based Mathematical & statistical prediction of nerual disorder and memory mapping technique in health care management	20244110200 3 23/12/2024	20244110200 3 10/01/2025	Utility	Published

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	8.Dr.P. Shanmugasundaram	8.Dr.P. Shanmugasundaram					
14	Dr. S. R. Menaka	Dr. S. R. Menaka	An Approach to interpret Indian sign language using Machine Learning	20244106879 1 A 11/09/2024	20244106879 1 A 20/09/2024	Utility	Published
15	Ms.T.Nandhini	Ms.T.Nandhini	AI based Color Image Detection	434702-001 18/10/2024	434702-001 18/10/2024	Design	Published
Department: Mechanical Engineering							
16	Mr.Putchakayala Yanna Reddy	1).Dr.Suwarna Gothane 2). Anbalagan G 3). Mr. C. Sivaraj 4). Dr. C. Solaimuthu 5). Dr. Manjunatha Prasad R 6). Dr.N.Kalpana 7).Dr.P. Kanakarajan 8).Mr.A. Srinivasan 9).Dr.Vikram Kedambadi Vasu	Intelligent Navigation for Autonomous Vehicles Using Advanced Machine Learning	20244109802 2 A 11/12/2024	20244109802 2 A 20/12/2024	Utility	Published
Department: Computer Science Engineering							
17	1.Dr.V.Sharmila 2. Sangeetha S 3.Sumukhi V	1.Dr.V.Sharmila 2. Sangeetha S 3.Sumukhi V	IOT based borewell child rescue System	415462-001 01.05.2024	04.07.2024	Design	Granted

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	4.Sivani S R.	4.Sivani S R.					
18	1. Dr. C. Anand 2. Ms. Karthiga S 3. Ms. Jothika Mohan Kadam M, 4. Mr. Hariharan M	1. Dr. C. Anand 2. Ms. Karthiga S 3. Ms. Jothika Mohan Kadam M, 4. Mr. Hariharan M	Blockchain-based E-Voting Device	426117-001 (07.08.2024)	20.09.2024	Design	Granted
19	1. Dr. K. Venkatesh Guru 2. Mr. Boopathi R 3. Mr. Kavın kumar M 4. Mr. Bharathi T	1. Dr. K. Venkatesh Guru 2. Mr. Boopathi R 3. Mr. Kavın kumar M 4. Mr. Bharathi T	Blockchain based Food Delivery Tracing Device	425637-001 (02.08.2024)	13.09.2024	Design	Granted
20	1. Mrs. P. Vasuki 2. Mr. Logeshwaran N 3. Ms. Jeevitha N 4. Ms. Jayasree M	1. Mrs. P. vasuki 2. Mr. Logeshwaran N 3. Ms. Jeevitha N 4. Ms. Jayasree M	Voice Assistant Chatbot Kiosk For College Enquiry	425904-001 (05.08.2024)	25.09.2024	Design	Granted
21	1. Mrs. V. Shanmugavalli 2. Mr. Dhanush T 3. Mr. Ashok Kumar K 4. Mr. Aswinth A	1. Mrs. V. Shanmugavalli 2. Mr. Dhanush T 3. Mr. Ashok Kumar K 4. Mr. Aswinth A	Fake Media detection Device using Natural Language Processing	425907-001 (05.08.2024)	25.09.2024	Design	Granted
22	1. Ms. P. Priyadharshini 2. Mr. Gokul Sharma M 3. Mr. Baratvarsan R S 4. Mr. Mahendran M	1. Ms. P. Priyadharshini 2. Mr.GokulSharma M 3. Mr. Barat varsan R S 4. Mr. Mahendran M	AI Based real estate value Forecasting Device	426455-001 (10.08.2024)	25.09.2024	Design	Granted
23	1. Dr. E. Baby Anitha 2. Mr. Deepak kumar N 3. Mr. Gopikannan S	1. Dr. E. Baby Anitha 2. Mr. Deepak kumar N 3. Mr. Gopikannan S	AI based Device for food sales	425640-001 (02.08.2024)	27.09.2024	Design	Granted

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	4. Mr. Jeyandhann A S	4. Mr. Jeyandhann A S	Prediction and Analysis				
24	1. Dr. S. Vadivel 2. Ms. Harshavarthini N 3. Mr. Jeyprasath B 4. Mr. Arunkumar K	1. Dr. S. Vadivel 2. Ms. Harshavarthini N 3. Mr. Jeyprasath B 4. Mr. Arunkumar K	Blockchain based data storage device for Healthcare Management	425906-001 (05.08.2024)	20.09.2024	Design	Granted
25	1. Mrs. M. K. Nivodhini 2. Mr. Bharath S 3. Ms. Haritha M 4. Ms. Aparna S	1. Mrs. M. K. Nivodhini 2. Mr. Bharath S 3. Ms. Haritha M 4. Ms. Aparna S	AI based social media Cyber Bullying Detection Device	426615-001 (12.08.2024)	26.09.2024	Design	Granted
26	1. Mr. K. S. Manojee 2. Mr. Mohamedkalifa S 3. Ms. Dhanasri A 4. Mr. Indrish S	1. Mr. K. S. Manojee 2. Mr. Mohamedkalifa S 3. Ms. Dhanasri A 4. Mr. Indrish S	Medical image Encryption and decryption Device	427056-001 (14.08.2024)	27.09.2024	Design	Granted
27	1. Ms. R. Keerthana 2. Mr. Harish C 3. Mr. Kalaiyarasan C 4. JagadeeshwaranM	1. Ms. R. Keerthana 2. Mr. Harish C 3. Mr. Kalaiyarasan C 4. JagadeeshwaranM	Device for Disease Detection	427057-001 (14.08.2024)	25.09.2024	Design	Granted
28	1. Dr. E. Baby Anitha, 2. Mr. Ravipravin M, 3. Mr. Sirijan RA NA 4. Mr. Yugapriyan S	1. Dr. E. Baby Anitha, 2. Mr. Ravipravin M, 3. Mr. Sirijan RA NA 4. Mr. Yugapriyan S	AI based device for Brain Disease Diagnosis	427060-001 (14.08.2024)	27.09.2024	Design	Granted
29	1. Dr. K. Kumaresan 2. Mr. Ponkarthikeyan B 3. Ms. Srivithya P 4. Mr. Vishwaraj S	1. Dr. K. Kumaresan 2. Mr. Ponkarthikeyan B 3. Ms. Srivithya P 4. Mr. Vishwaraj S	AI Based rice Paddy Harvesting Machine	427810-001 (22.08.2024)	26.09.2024	Design	Granted

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30	1. Dr. K. Kumaresan 2. Ms. Meenakshi S 3. Ms. Kaviya S 4. Mr. Jana M	1. Dr. K. Kumaresan 2. Ms. Meenakshi S 3. Ms. Kaviya S 4. Mr. Jana M	AI based Asthma Detecting Device	426614-001 (12.08.2024)	03.10.2024	Design	Granted
31	1. Mr. R. Arulkumar 2. Ms. Madhumitha N 3. Ms.Devadharashini R 4. Mr. Dhanush K	1. Mr. R. Arulkumar 2. Ms. Madhumitha N 3.Ms.Devadharashini R 4. Mr. Dhanush K	AI based Heart Disease Prediction Device	425902-001 (05.08.2024)	01.10.2024	Design	Granted
32	1. Dr. R. Banupriya 2. Mr.Ashok Kumar RA 3. Mr. Girithar M 4. Mr. Jeevananth S	1. Dr. R. Banupriya 2.Mr.Ashok Kumar RA 3. Mr. Girithar M 4. Mr. Jeevananth S	Data Possession Device for Hybrid Cloud Environment	425903-001 (05.08.2024)	01.10.2024	Design	Granted
33	1. Mr. M. Azhagesan 2. Mr. Santheesh S 3. Mr. Sanjay M	1. Mr. M. Azhagesan 2. Mr. Santheesh S 3. Mr. Sanjay M	AI Based Crime Prediction Device	428022-001 (23.08.2024)	03.10.2024	Design	Granted
34	1. Dr. A. Rajiv Kannan 2. Ms. Preethika M 3. Ms. Shanmathi S 4. Ms. Thaarani S	1. Dr. A. Rajiv Kannan 2. Ms. Preethika M 3. Ms. Shanmathi S 4. Ms. Thaarani S	Agricultural Crop recommendations based on Productivity using Support Vector Machine	427058-001 (14.08.2024)	01.10.2024	Design	Granted
35	1. Ms. R. Keerthana 2. Mr. Harish V 3. Mr. Divakaran S 4. Mr. Guru RAJ R	1. Ms. R. Keerthana 2. Mr. Harish V 3. Mr. Divakaran S 4. Mr. Guru Raj R	AI based online learning Device	425638-001 (02.08.2024)	07.10.2024	Design	Granted
36	1. Mr. V. Ramesh 2. Mr. Ramasubramaniyan M 3. Mr. Prasanth S	1. Mr. V. Ramesh 2. Mr. Ramasubramaniyan M 3. Mr. Prasanth S	Machine Learning based Device for Diabetes Prediction	428026-001 (23.08.2024)	07.10.2024	Design	Granted

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	4. Mr. Sabarinathan M	4. Mr. Sabarinathan M					
37	1. Mr. R. Arulkumar 2. Mr. Vignesh V 3. Mr. Naveen S 4. Mr. Kavın Raja M	1. Mr. R. Arulkumar 2. Mr. Vignesh V 3. Mr. Naveen S 4. Mr. Kavın Raja M	AI based parking Occupancy Monitoring and prediction device	428024-001 (23.08.2024)	17/10/2024	Design	Granted
38	1. Mrs. V. Shanmugavalli 2. Mr.Naveenkumar AT 3. Mr. Sivasuriya V R 4. Mr. Vaisag P Nair	1. Mrs. V. Shanmugavalli 2. Mr.Naveenkumar AT 3. Mr. Sivasuriya V R 4. Mr. Vaisag P Nair	Text Mining and Analysis Device	428960-001 (31.08.2024)	17/10/2024	Design	Granted
39	1. Mrs. S. Savitha 2. Mr. Thalapathy J 3. Mr. Shreedharan M 4. Mr. Sudharsanam S	1. Mrs. S. Savitha 2. Mr. Thalapathy J 3. Mr. Shreedharan M 4. Mr. Sudharsanam S	AI Based Heart Disease Prediction Device	428959-001 (31.08.2024)	15/10/2024	Design	Granted
40	1. Mr.M.Namasivayam 2. Mr. Naveen N K 3. Mr. Rakeshkannan M 4. Mr. Ranjith Kumar A	1. Mr.M.Namasivayam 2. Mr. Naveen N K 3. Mr. RakeshkannanM 4. Mr. Ranjith Kumar A	Neural Network based Handwritten character Recognition Device	428025-001 (23.08.2024)	22/10/2024	Design	Granted
41	1. Dr. V. Sharmila 2. Mr. Boobalan V 3. Mr. Kabilan E 4. Mr.Lingesh Prabhu T	1. Dr. V. Sharmila 2. Mr. Boobalan V 3. Mr. Kabilan E 4. Mr.Lingesh Prabhu T	AI based Cloud Security Detection Device	425639-001 (02.08.2024)	25/10/2024	Design	Granted
42	1. Mrs. P. Vasuki 2. Mr. Jayasurya M 3. Mr. Bharath G 4. Mr. Arulprasath N	1. Mrs. P. Vasuki 2. Mr. Jayasurya M 3. Mr. Bharath G 4. Mr. Arulprasath N	Duplicate Signature Detecting Device	426617-001 (12.08.2024)	30/10/2024	Design	Granted
43	1. Mr. O. K. Gowri Shankar	1. Mr. O. K. Gowri Shankar	Social Network Fraud Detection	428961-001 31.08.2024	25/10/2024	Design	Granted

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	2. Mr. Nithinkumar S R 3. Mr. Sabarinathan L 4. Mr. Vignesh S	2. Mr. Nithinkumar S R 3. Mr. Sabarinathan L 4. Mr. Vignesh S	Device				
44	1. Dr. V. Vennila 2. Ms. Narmatha V 3. Ms. SANKARI S 4. Ms. Swetha T	1. Dr. V. Vennila 2. Ms. Narmatha V 3. Ms. Sankari S 4. Ms. Swetha T	Age and Gender Detecting Device using Conventional Neural Network	429080-001 02/09/2024	30/10/2024	Design	Granted
45	1.Mr. P. Palanisamy 2. Mr. Tamil Mani V 3.Mr. Sakthivel T 4.Mr. Thirumalai N	1.Mr. P. Palanisamy 2. Mr. Tamil Mani V 3.Mr. Sakthivel T 4.Mr. Thirumalai N	AI based Auditing and secure data Storage Device	428023-001 23/08/2024	04/11/2024	Design	Granted
46	1.Mrs. J. Nirmala Gandhi 2. Mr. Gowtham R 3.Mr. Dharun L 4.Mr. Jeeva M	1.Mrs. J. Nirmala Gandhi 2. Mr. Gowtham R 3.Mr. Dharun L 4.Mr. Jeeva M	Large Network Cloud Data storage Device	426619-001 12/08/2024	07/11/2024	Design	Granted
47	1.J. Nirmala Gandhi 2. Mr.Udayaprasath K 3.Mr. Vijay P 4.Mr. Subash T	1.J. Nirmala Gandhi 2. Mr.Udayaprasath K 3.Mr. Vijay P 4.Mr. Subash T	Diseases Prediction Device From Blood Sample	427812-001 22/08/2024	04/11/2024	Design	Granted
48	1.Ms. M. Jayanthi 2. Mr. Ponjeeva J 3.Mr. Rajasurya R 4.Mr. Shankar S	1.Ms. M. Jayanthi 2. Mr. Ponjeeva J 3.Mr. Rajasurya R 4.Mr. Shankar S	Data processing device for Voice Recognition	428958-001 31/08/2024	13/11/2024	Design	Granted
49	1.Mr. S. Sadhasivam 2. Mr. Vinoth R 3.Mr.Myil Samy S 4.Mr. Vebeeshanan V	1.Mr. S. Sadhasivam 2. Mr. Vinoth R 3.Mr.Myil Samy S 4.Mr. Vebeeshanan V	AI based software error Testing Device	427813-001 22/08/2024	13/11/2024	Design	Granted

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50	1. Dr. V. Sharmila 2. Mr. Pasupathi P 3.Mr. Shivaprakash G 4. Mr. Srikandh D	5. Dr. V. Sharmila 6. Mr. Pasupathi P 7. Mr. Shivaprakash G Mr. Srikandh D	Data Analyzing device	427059-001 (14.08.2024)	28.11.2024	Design	Granted
51	1. Mr. Azhagesan 2. Mr. Ragu Balan R 3. Mr. Surya M 4. Mr. Vijay P	1. Mr. Azhagesan 2. Mr. Ragu Balan R 3. Mr. Surya M 4. Mr. Vijay P	AI based Cryptocurrency Price Predictions Device	427054-001 (14.08.2024)	27.11.2024	Design	Granted
52	1. Dr. C. Anand 2. Mr. Babu pawar shankar A 3. Ms. Haripriya A 4. Mr. Kishan R	1. Dr. C. Anand 2. Mr. Babu Pawar Shankar A 3. Ms. Haripriya A 4. Mr. Kishan R	Device for Encrypted data Sharing	425905-001 (05.08.2024)	23.12.2024	Design	Granted
53	1. Mr. K. S. Manojee 2. Mr. Sanjaykumar G 3. Mr. Saran R 4. Mr. Sriram B	1. Mr. K. S. Manojee 2. Mr. Sanjaykumar G 3. Mr. Saran R 4. Mr. Sriram B	Blockchain-based secure cloud for Healthcare	427814-001 (22.08.2024)	09.12.2024	Design	Granted
54	1. Ms. U. Kasthuri 2. Mr. Naveen M 3. Mr. Nishanth K 4. Mr. Sethu vishal S	1. Ms. U. Kasthuri 2. Mr. Naveen M 3. Mr. Nishanth K 4. Mr. Sethu Vishal S	AI based chronic kidney disease predicting device	429079-001 (02.09.2024)	09.12.2024	Design	Granted
55	1. Mr.S.Ajithkumar 2. Mr. Niranjan K 3. Mr. Saranraj S 4. Ms. Yashwanthini A	1. Mr.S.Ajithkumar 2. Mr. Niranjan K 3. Mr. Saranraj S 4. Ms. Yashwanthini A	IOT based automatic Irrigation sprinkler	428957-001 31.08.2024	13.01.2025	Design	Granted
56	1. Dr. M. Venkatesan 2. Mrs. M. K.Nivodhini 3. Ms. Saranya C	1. Dr. M. Venkatesan 2. Mrs. M. K.Nivodhini 3. Ms. Saranya C	AI Based fraud Detection device IN Healthcare	427811-001 (22.08.2024)	21.02.2025	Design	Granted

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	4. Ms. Prathisha T 5. Ms.Roobadharshini M	4. Ms. Prathisha T 5. Ms.Roobadharshini M					
57	1. Dr. V. Vennila 2. Mr. Chandru S 3. Mr. Amal S 4. Mr. Kavın prasanth R	1. Dr. V. Vennila 2. Mr. Chandru S 3. Mr. Amal S 4. Mr. Kavın prasanth R	AI based adversarial attack detection device in feedback Communication	426454-001 (10.08.2024)	06.02.2025	Design	Granted
58	1. Dr. S. Vadivel 2. Mr. Harish R 3. Mr. Ajai narayanan S 4. Mr. Midhun M	1. Dr. S. Vadivel 2. Mr. Harish R 3. Mr. Ajai narayanan S 4. Mr. Midhun M	Robotic device for job requirement	425901-001 (05.08.2024)	16/07/2025	Design	Granted
59	Mrs. S. Raziya Tabassum	1.Dr. SK.fakruddin babavali 2.Mr. R. Veerasamy 3.Dr. M. Rajasekar 4.Dr. Chandini behera 5.Dr. Kalidindi V S N raju 6.Dr. Subash Chandra Sahu 7.Dr. Nellore Manoj Kumar 8.Dr. G. prabha	Nano particle-based delivery systems for optimizing plant growth and development in sustainable Agriculture	20244107201 2 (24/09/2024)	04/10/2024	Utility	Published
60	1)Uzma Sarwar 2)Dhruva Teja Kandalam Sunil 3)S.Rani 4)Dr.M.Balakrishnan	1)Uzma Sarwar 2)Dhruva Teja Kandalam Sunil 3)S.Rani 4)Dr.M.Balakrishnan	Advanced Language model techniques for real-time intelligent content creation	20244109436 7 A 01/12/2024	13/12/2024	Utility	Published

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	5)Dr K S Chakradhar 6)Dr Dipanwita Debnath 7)Dr E.Baby Anitha 8)Dr.G.Malarselvi 9)Bumba Nandy 10)R. Augasthega	5)Dr K S Chakradhar 6)Dr Dipanwita Debnath 7)Dr E.Baby Anitha 8)Dr.G.Malarselvi 9)Bumba Nandy 10)R. Augasthega					
61.	1)Dr. Davinder Paul Singh 2)Vinod N. Alone 3)Dr. Bina Sarkar 4)Dr. Jai Prakash Navani 5)Er. SonalSapra 6)Prof.(Dr) Nitin Girdharwal 7)Rajiv Verma 8)Hanis Sultana A 9)Keerthana R 10)Sanjay Srivastava 11)Dr B Gayathri 12)Sanjay Srivastava	1)Dr. Davinder Paul Singh 2)Vinod N. Alone 3)Dr. Bina Sarkar 4)Dr. Jai Prakash Navani 5)Er. SonalSapra 6)Prof.(Dr) Nitin Girdharwal 7)Rajiv Verma 8)Hanis Sultana A 9)Keerthana R 10)Sanjay Srivastava 11)Dr B Gayathri 12)Sanjay Srivastava	AI-Powered student progress tracker: revolutionising Academic assessment	20242103449 0 A 01/05/2024	04/10/2024	Utility	Published
62	1. Dr. R. Banupriya 2. Ms. Swadhiga R 3. Ms. Sivashri E 4. Ms. Kaviya S	1. Dr. R. Banupriya 2. Ms. Swadhiga R 3. Ms. Sivashri E 4. 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
63	1. Mr. S. Sadhasivam	1. Mr. S. Sadhasivam	AI based student's	427055-001	14.08.2024	Design	Filed

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	2. Ms. Gomathi G 3. Ms. Dharani S 4. Mr. Gunalan R	2. Ms. Gomathi G 3. Ms. Dharani S 4. Mr. Gunalan R	performance Analysing device	(14.08.2024)			
64	1. Mr. E. Kannan 2. Mr. Vijay D 3. Mr. Subash Chandrabose K	1. Mr. E. Kannan 2. Mr. Vijay D 3. 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							
65	1.Dr. Mahalakshmi S 2.Dr.Anitha Nallasivam 3.Dr.Anantha SubramanyaIyer K N 4.DrJumisree Sarmah Pathak 5.Dr Mahendran N 6.Dr .Neelamegan Sengodan 7.Dr. A.Vijayakumar 8.Dr. Kannan	1.Dr. Mahalakshmi S 2.Dr. AnithaNallasivam 3.Dr.Anantha Subramanya Iyer K N 4.DrJumisree Sarmah Pathak 5.Dr Mahendran N 6.Dr.Neelamegan Sengodan 7.Dr. A.Vijayakumar 8.Dr. Kannan	Adjustable blade wind Turbine for Enhanced energy capture	435848-001 28/10/2024	435848-001 27/02/2025	Design	Granted
66	1.Dr.G.Chandrasekar 2. Dr. P. Yuvaraj 3.Dr. N.Karthikeyan 4.Dr.Kumar Kaliyappan 5.Mr.R.Madhankumar 6.Mr.S.Syed Musthafa Gani	1.Dr.G.Chandrasekar 2. Dr. P. Yuvaraj 3.Dr. N.Karthikeyan 4.Dr.Kumar Kaliyappan 5.Mr.R.Madhankumar 6.Mr.S.Syed Musthafa Gani	Hybrid wind and solar Electric System	428596-001 29/08/2024	428596-001 24/10/2024	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
	7.Dr.Neelamegan S 8.Dr.M.Vinay Kumar 9.Dr. Kannan. V	7.Dr.Neelamegan S 8.Dr.M.Vinay Kumar 9.Dr. Kannan. V					
67	1.Dr.Malarvizhi Muthubalasubramanian 2. Mr. Soundararajan Selvaraj 3.Mr. Syed Thasthagir Mohamed Hussain 4.Dr.Lakshmi Balasubramanian 5.Mr. Kalidas Avanaian Perumalsamy 6.Mrs. Padmavathi Duraisamy 7.Dr.Lalithamani Nachimuthu 8.Dr.Prabakaran Karunakaran	1.Dr.Malarvizhi Muthubalasubramanian 2. Mr. Soundararajan Selvaraj 3.Mr. Syed Thasthagir Mohamed Hussain 4.Dr.Lakshmi Balasubramanian 5.Mr. Kalidas Avanaian Perumalsamy 6.Mrs. Padmavathi Duraisamy 7.Dr.Lalithamani Nachimuthu 8.Dr.Prabakaran Karunakaran	NUT DEHUSKING MACHINE	405906-001 & 29/01/2024	405906-001 & 28/03/2024	Design	Granted
Department: Cyber Security							
68	K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637215, Namakkal (Dt.)	K. SUDHA R. MANOJA K.SHANMUGA PRIYA K. MANIKANDAN G. VINOLY	Integrated Blockchain and Web Based Organ Donation and Transplantation System with Real Time Tracking and Analytics	20244109253 5 & 27/11/24	20244109253 5 & 27/11/24	Utility	Published
69	K.S.R. College of Engineering,	R. MANOJA	Enhancing Agriculture with Early Plant				

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	KSR Kalvi Nagar, Tiruchengode - 637215, Namakkal (Dt.)		Disease Detection and Improved Crop Yields Using Ai-Powered Solutions	20244110304 7 & 26/12/2024	20244110304 7 & 26/12/2024	Utility	Published
70	K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637215	K. SHANMUGA PRIYA	Ai Based Network Intrusion Detection Device	424997-001	424997-001	Utility	Published
71	K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637215	P. RATHIKA	Blockchain And Machine Learning For Secure Cloud Storage in IoT Healthcare Management	20244110038 3 A / 18/12/2024	20244110038 3 A / 18/12/2024	Utility	Published
72	K.S.R. College of Engineering, KSR Kalvi Nagar, Tiruchengode - 637215, Namakkal (Dt.)	A. Priyadharshini	Machine Learning-Driven Exploration Of Bismuth-Based Double Perovskites For Solar-Powered Electric Vehicles	20244110045 1 A & 18/12/2024	20244110045 1 A & 18/12/2024	Utility	Published
Department: Electronics and Communication Engineering							
73	Mr. R. Veeramani, Mr. M. Jothimani	Mr. R. Veeramani, Mr. M. Jothimani	Smart Device for Remote Patient Vital Signs Monitoring	423189-001 & Filed on 12/07/2024	Granted on 11/09/2024	Design	
74	Dr. S.Karthikeyan	Dr. S.Karthikeyan	Light Fidelity Based Data Transfer Device	425246-001, & Filed on 30/07/202	Granted on 27/09/2024	Design	

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
75	Mr.M.M.Arun Prasath	Mr.M.M.Arun Prasath	IoT Based Internet Speed Monitoring Device	432200-001, & Filed on 29/09/2024	Granted on 05/12/2024	Design	
76	Dr.R.Eswaramoorthi	Dr.R.Eswaramoorthi	IoT Based Smart Mirror with an Information Display System	428276-001, & Filed on 26/08/2024	Granted on 09/12/2024	Design	
77	Dr.S.Karthikeyan	Dr.S.Karthikeyan	IoT-Based Augmented Reality Device for Industrial Applications	432782-001 & Filed on 04/10/2024	Granted on 16/12/2024	Design	
78	Dr.R.Poornima	Dr.R.Poornima	IoT Based Real Time Air Quality Detector	436198-001, & Filed on 30/10/2024	Granted on 09/01/2025	Design	
79	Dr.S.Jayachitra	Dr.S.Jayachitra	Machine Learning (ML) & Wireless Sensor Networks for Intelligent Irrigation Management in Rural Agriculture.	20241106843 5 A & Filed on 10/09/2024	Published on 27/09/2024	Utility	
80	Dr. S. Karthikeyan	Dr. S. Karthikeyan	Automated Sleep Analysis System with Smart Alarm Functionality	20244107312 0 A & Filed on 27/09/2024	Published on 04/10/2024	Utility	
81	J.Rameshkumar	J.Rameshkumar	IoT-Based Smart Energy Management System Using Distributed Ledger Technology (Dlt)	20244107754 7 A & Filed on 13/10/2024	Published on 25/10/2024		

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	Dr. P. Thilagavathi	Dr. P. Thilagavathi	AI Based Real-Time Detection of Damaged Road and Lane Detection for Autonomous Vehicle	20244109071 5 A & Filed on 21/11/2024	Published on 29/11/2024	Utility	
83	Dr. S. Karthikeyan	Dr. S. Karthikeyan	Adaptive Robot-Assisted Agricultural Harvesting with Vision Based Guidance	20244109556 1 A & Filed on 04/12/2024	Published on 13/12/2024	Utility	
84	Dr. K. P. Uvarajan	Dr. K. P. Uvarajan	IoT based Mathematical & statistical prediction of neural disorder and memory mapping technique in health care management	20244110200 3 A & Filed on 23/12/2024	Published on 10/01/2025	Utility	
85	K.S.R College of Engineering, Tiruchengode	Dr.P.S.Periasamy Dr.C.Gowri Shankar Dr.R.Eswaramoorthi Dr.P.Sivasankar R Dr.R.Poornima Dr.A.Velliangiri Dr.M.Jothimani Mrs.D.Gowthami Mr.S.Krishnakumar Mrs.M.Dharani	Edhub:Empowering Education through Comprehensive Tuition Services	20244109253 4 & Filed on 27/11/2024	Published on 13/12/2024	Utility	

DEPARTMENT OF COMPUTER APPLICATIONS (MCA)

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
86	K.S.R College of Engineering, Tiruchengode	1. Dr. M. Varusai Mohamed 2. Dr.J.K.Kanimozhi 3. Mr.Ambadas 4. Mr.A.Senthilkumar 5. Dr. V.Kannan 6. Dr. Soumya sexana 7. Dr .om Awasthi 8. Dr.R.Senthil Kumar	Sensor Based Security Monitoring System	440312-001 & 11/12/2024			
Department of Management Studies (MBA)							
87	K.S.R College of Engineering, Tiruchengode	Dr. Santhi .V, Dr. Barkavi G. E, Dr. Devi. S, Mr. Arokiasamy. S, Mr. Ramesh. S, Dr. Sneha master, Dr. Anjay Kumar Mishra, AS A Bhyratae, Mr. Srinivasan. V.S.S, Ms.Subhasheni .A, Ms. R. Lavanya, Dr. K.Sumathi	Discussion on the AI'S potential impact on organization venturing in Healthcare in India	20244107742 7 A & 11/10/2024	11-10-2024	Utility	Published
88	K.S.R College of Engineering, Tiruchengode	Dr. Santhi V, Dr. Barkavi G E, R. Devi S, . Devi Priya V & Ms. Samya Devi V	Analysis of the Implementation of new Strategies in business analytics systems	20244109124 3 A & 23/11/2024	29-11-2024	Utility	Published

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89	K.S.R College of Engineering, Tiruchengode	R. Selvaraju K, Arockiasamy S, Ijayalakshmi T, R. Ramesh S & Dr. Jayaprakash Natarajan	GLOBAL Investment Strategies for risk management in financial applications	20244109124 2 A & 23/11/2024	29-11-2024	Utility	Published


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