



Hindusthan College of Engineering and Technology

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(An Autonomous Institution, Affiliated to Anna University, Chennai)

Valley Campus, Pollachi Highway, Coimbatore-641032

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Faculty -Patent and Grant Published

S. No.	Patent Publication Number / Patent Granted Number	Status of Patent /Grant (Published or Granted)	Inventor/S Name	Title of The Patent	Applicant/S Name	Patent Published Date / Granted Date (Dd/Mm/Yyyy)
1.	202041055911 A	Patent published	Mr Mohankumar M	Artificial Intelligence Based Multifunctional Voice Activated Pen	Mr. Mohankumar M	01.01.2020
2.	2020102825	Granted	Dr Sabitha R	A Self-protection shoe to Safeguard Women against Dangers	Dr Sabitha R	16.10.2020
3.	2020102449	Granted	Mr. Veerasamy B	Drone Based 3D Printing with Enhanced Speed by varying the Material Dispensing	Mr. Veerasamy B	28.10.2020



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4.	202041052961 A	Patent Published	Dr Poonguzhali P K , Dr Sengottuvel P, Dr Vetrivel Kumar, Dr Joseph Dominic Vijayakumar S, Dr Paulsingarayar, Senthilnathan S, Joseph Manuel D, Sheik Mohamed M Ms. Uma K Prof Alim Shaikh, Dr Baalamurugan K M Ms. Sagana C	An automatic machine to remove contaminants from vehicle body surface before painting	Dr Poonguzhali P K	18.12.2020
5.	2021100002	Granted	Dr Sabitha R	Technique to GIS Modeling of water bodies by mapping riparian vegetation along the shore	Dr Sabitha R	01.01.2021
6.	202141000386	Patent published	Dr Udhaya Kumar Bhaurao Diwate, Dr Manish Kumar, Shekhar, Dr Seema Tinker, Mrs. Rupali S Patil	Emotional Communication Based Infant Facial Expression Monitoring System	Dr Udhaya Kumar	01.08.2021
7.	202141001881 A	Patent published	Dr Kalaiselvi K	A Touchless Flushing Method in Corona Isolation Ward	Dr Kalaiselvi K	22.01.2021



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8.	202141006738 A	Patent published	Dr Vijayalaksmi P Dr Mathan K	IoT and Cloud Based Low Cost Smart Irrigation System	Dr Vijayalaksmi P	26.02.2021
9.	2021100002	Granted	Dr Sabitha R	Automatic Image Sensing Lid for Triple Trash Bin	Dr. Sabitha R	03.06.2021
10.	347237-001	Granted	Dr J. Jaya	Automatic Sanitizer Dispenser With 5 Liter Storage Tank	Dr J. Jaya	03.08.2021
11.	354214-001	Granted	Dr J. Jaya	Smart Pantograph Engraving Machine	Dr J. Jaya	03.12.2021
12.	350526-002	Granted	Dr J. Jaya	Wall Mountable Negatoscope	Dr J. Jaya	04.10.2021
13.	350613-001	Granted	Dr J. Jaya	Detachable Automatic Water Dispenses	Dr J. Jaya	04.10.2021
14.	350526-003	Granted	Dr J. Jaya	Electronic Oxygen Level Monitoring Device	Dr J. Jaya	04.10.2021
15.	350526-009	Granted	Dr J. Jaya	Portable Negato scope With Stand	Dr J. Jaya	04.10.2021
16.	350614-001	Granted	Dr J. Jaya	Automatic Height Adjustable Sanitizing Device for Toilet	Dr J. Jaya	04.10.2021
17.	350615-001	Granted	Dr J. Jaya	Oxygen Cylinder Trolley Integrated with Oxygen Depletion Indicating Alarm	Dr J. Jaya	04.10.2021



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18.	350526-001	Granted	Dr J. Jaya	Infra-Red-Light Therapy Bed with Face Shield	Dr J. Jaya	04.10.2021
19.	350614-002	Granted	Dr J. Jaya	Automatic Sanitizing Device for Toilets	Dr J. Jaya	04.10.2021
20.	350613-002	Granted	Dr J. Jaya	Portable Touch Free Water Dispenser	Dr J. Jaya	04.10.2021
21.	350525-001	Granted	Dr J. Jaya	Pedal Type Dual Sanitizer Dispenser	Dr J. Jaya	04.10.2021
22.	350613-003	Granted	Dr J. Jaya	Portable Touch Free Water Dispenser For 20 Liters Storage Can	Dr J. Jaya	04.10.2021
23.	350526-007	Granted	Dr J. Jaya	Infra-Red-Light Therapy Bed with Face Shield	Dr J. Jaya	04.10.2021
24.	350615-002	Granted	Dr J. Jaya	Vertically Elevating Infrared Light Therapy Bed	Dr J. Jaya	04.10.2021
25.	350614-003	Granted	Dr J. Jaya	Portable Touch Free Toilet Disinfecting Device	Dr J. Jaya	04.10.2021
26.	350615-003	Granted	Dr J. Jaya	Infra-Red-Light Therapy Bed with Body Shield	Dr J. Jaya	04.10.2021
27.	350612-001	Granted	Dr J. Jaya	Ultraviolet Sterilizing Device with Timer for Shoe Sole	Dr J. Jaya	04.10.2021



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28.	350612-002	Granted	Dr J. Jaya	Ultraviolet Disinfecting Device for Multiple Shoes	Dr J. Jaya	04.10.2021
29.	350523-001	Granted	Dr J. Jaya	Touch Free Trash Bin Lid	Dr J. Jaya	04.10.2021
30.	350523-003	Granted	Dr J. Jaya	Auto Sensing Trash Bin Lid	Dr J. Jaya	04.10.2021
31.	350524-002	Granted	Dr J. Jaya	Vegetable Vending Cabin	Dr J. Jaya	04.10.2021
32.	350611-001	Granted	Dr J. Jaya	Automatic Image Sensing Lid for Triple Trash Bin	Dr J. Jaya	04.10.2021
33.	350526-008	Granted	Dr J. Jaya	Led Vision Therapy Apparatus	Dr J. Jaya	04.10.2021
34.	350526-006	Granted	Dr J. Jaya	Portable X-Ray Film Viewer	Dr J. Jaya	04.10.2021
35.	350526-005	Granted	Dr J. Jaya	Portable Led Vision Therapy Apparatus	Dr J. Jaya	04.10.2021
36.	350523-002	Granted	Dr J. Jaya	Automatic Image Sensing Garbage Bin Lid	Dr J. Jaya	04.10.2021
37.	350615-004	Granted	Dr J. Jaya	Wall Mounted Eye Therapy Apparatus with Spirally Moving Led Light	Dr J. Jaya	04.10.2021
38.	350615-005	Granted	Dr J. Jaya	Solar Powered Oxygen Level Monitoring and Alerting Device	Dr J. Jaya	04.10.2021



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39.	350526-004	Granted	Dr J. Jaya	Wall Mounted X-Ray Film Viewer	Dr J. Jaya	04.10.2021
40.	350524-001	Granted	Dr J. Jaya	Portable Vegetables Vending Kiosk	Dr J. Jaya	04.10.2021
41.	354213-001	Granted	Dr J. Jaya	Autonomous Stair Climbing Material Handling Robot	Dr J. Jaya	08.10.2021
42.	350982-002	Granted	Dr J. Jaya	Tri-Colored Trash Bin Lid with Voice Alert for Waste Segregation	Dr J. Jaya	08.10.2021
43.	350986-002	Granted	Dr J. Jaya	Solar Powered Oxygen Depletion Level Alerting Device	Dr J. Jaya	08.10.2021
44.	350987-002	Granted	Dr J. Jaya	Portable Automatic Height Adjustable Overhead Barrier for Vehicles	Dr J. Jaya	08.10.2021
45.	350982-001	Granted	Dr J. Jaya	Garbage Holder with Waste Segregating Voice Alert	Dr J. Jaya	08.10.2021
46.	350984-001	Granted	Dr J. Jaya	Portable Water Dispenser	Dr J. Jaya	08.10.2021
47.	350985-002	Granted	Dr J. Jaya	Height Adjustable Toilet Disinfecting Device	Dr J. Jaya	08.10.2021
48.	350983-001	Granted	Dr J. Jaya	Ultra Violet Cleaning Device for Multiple Shoes	Dr J. Jaya	08.10.2021



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49.	350984-003	Granted	Dr J. Jaya	Touch Free Dual Water Dispenser with Solar Panel	Dr J. Jaya	08.10.2021
50.	350983-002	Granted	Dr J. Jaya	Ultraviolet Disinfecting Device for Shoe Sole	Dr J. Jaya	08.10.2021
51.	350985-001	Granted	Dr J. Jaya	Foot Pedal Operated Sanitizer Dispenser Integrated with Storage Tank	Dr J. Jaya	08.10.2021
52.	350986-001	Granted	Dr J. Jaya	Portable Eye Therapy Equipment with Spirally Moving Led Light	Dr J. Jaya	08.10.2021
53.	350987-001	Granted	Dr J. Jaya	Automatic Height Adjustable Overhead Barrier for Vehicles with Separate Wireless Image Capturing Device (Set)	Dr J. Jaya	08.10.2021
54.	350984-002	Granted	Dr J. Jaya	Solar Powered Multiple Water Dispenser	Dr J. Jaya	08.10.2021
55.	2021106051	Granted	Dr Geetha K, Selvi V, Asha Devi B, Hemalatha T, Devika G, Krishna Priya R,	Collaborative Contact layer-based health data multimodal deep learning model	Dr Geetha K	19.08.2021



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			Boopathiraj M, Meenakshi R Lakshmi K, Selvi M			
56.	2021107057	Granted	Dr Poonguzhali P K, Kala K, Pravina V A, Vidhya R , Geetha B G, Vendhan D, Vellakulam K , Abarna S, Krishna Kumar M , Murugeswari T, Manjula T	Node discovery mechanism for IoT capillary Networks	Dr Poonguzhali P K	24.08.2021
57.	202031041836	Patent Published	Dr Satheesh Kumar J	Artificial Intelligence Based Fire Fighting Robot with Smart Sensors	Dr Satheesh Kumar J	16.10.2021
58.	202041047658	Patent Published	Dr Satheesh Kumar J, Mrs Nivethitha T Ms Kowsalya M, Dr Samson, Dr Nandhini J Mr Rameshkumar C, Mrs. Kalairasi G	IOT Based Self Ozone Generated Vegetable and Fruit Washing Machine	Dr Satheesh Kumar J	11.06.2021



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59.	2021107057	Granted	Vidhya R Manjula T Murugeswari T Poonguzhali P K	Automatic Height Adjustable Overhead Barrier for Vehicles with Separate Wireless Image Capturing Device (Set)	Vidhya R Manjula T Murugeswari T Poonguzhali P K	11.17.2021
60.	202141051117 A	Patent published	Dr Vijayalaksmi P, Dr Mathan K, Dr,Rasi D, Dr Baskar D	Machine Learning Based Doctor Appointment with Disease Prediction	Dr Vijayalaksmi P	19.11.2021
61.	202141049859 A	Patent published	Mrs Nivethitha T, Arumugam Ranjith, Mr Vigneshkumar K Mr Niyaz Hussain A M J Dr Gobi M Mrs Siva Brindha G Mrs Deepa N	Implementation of Color Detection system using Machine learning and Python	Mrs. Nivethitha T	26.11.2021
62.	202141061691 A	Patent Published	Dr Sreshbabu A Boopalan T	Cultivation Drone for Contour Farming and Farmland	Dr Sreshbabu A	20.01.2022
63.	202141061695 A	Patent Published	Dr Poonguzhali P K, Boopalan T	Cross loc Infiltration Protection Surveillance Drone to Support Anti Drone System	Dr Poonguzhali P K	20.01.2022
64.	202241030142	Patent Published	Mr Boobalan T, Dr Jaya J, Dr Viayalakshmi P,	Solar Power Automated Automotive for Charging Station	Mr Boobalan T	03.06.2022



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			Mr. Vidhya Sekhar A			
65.	202241030152 A	Patent Published	Dr Vijayalakshmi P, Dr Jaya J, Dr Ramya J, Ms. Ramya S,	An Off-Grid Energy Harvesting Technique for Human Mental Health Therapeutic Treatment Purpose	Dr Vijayalakshmi P	03.06.2022
66.	202241020166	Patent Published	Dr Jaya J Anand B Divinesh T Matesh G Raswanth T R	Human Vital Signs Processing Using Machine Learning	Dr J. Jaya	04.02.2022
67.	202241020171	Patent Published	Dr. Jaya J Anand B .Deivasigamani D Radhu Sudhanan R Kishore S Mohamed Arshath Refai A Sakthivel B	Biometric Based Voting System Using Image Processing	Dr J. Jaya	04.02.2022
68.	202241020175	Patent Published	Dr. Jaya J Anand B	Autonomous Haulage Automotive System for Coal Mine Safety	Dr J. Jaya	04.02.2022



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			Deivasigamani D Ms. Kavitha N Aldrin Anto George Mohammed Haneef K K Rajeev R			
69.	202241020178	Patent Published	Dr. Jaya J Dr. Anand B Deivasigamani D Vinoth Kumar R Mukilan J Sathya B Sugin S	Automotive Safety System Using Internet of Things	Dr J. Jaya	4.02.2022
70.	202241022655	Patent Published	Dr Kalaiselvi K, Dr Jaya J, Dr Viyalakshmi P, Mrsramya S	Covid19 Detection & Symptoms Checker Using Deep learning	Dr Kalaiselvi K	29.04.2022
71.	202241022650 A	Patent Published	Dr Jaya J, Dr Viyalakshmi P, Dr Udayakumar A, Mr Kannan K R,	Smart Poultry Farm Using Microcontroller	Dr Jaya J	29.04.2022
72.	202241022654	Patent Published	Dr Khaleelurrahiman P F, Dr Jaya J, Dr Viyalakshmi P,	Object Detection System for Improving Safety at Unmanned	Dr Khaleelurrahiman P F	29.04.2022



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			Dr Mahendra Khan M	Railway Crossing Using Image Processing		
73.	202241022656	Patent Published	Dr Khaleelurrahiman P F, Dr Jaya J, Dr Viyalakshmi P, Dr Mahendra Khan M	Automatic Acceleration Control in Traffic Signal.School Zone	Dr Khaleelurrahiman	29.04.2022
74.	202211024152a	Patent Published	Dr Manjula T, Ramesh Kumar C, Dr Raja A	Detect and Prevent the Data Leakage Using SQL&AI System from Big Data	Dr Manjula T	29.04.2022
75.	202241023189	Patent Published	Mrmohankumar M, Dr Jaya J, Dr Viyalakshmi P, Dr Baskar D	Multi Functioned Battery Health Monitoring System Using IoT	Mr. Mohankumar M	05.06.2022
76.	202241023244	Patent Published	Mr Suresh Kumar P, Dr Jaya J, Dr P Vijayalakshimims, Mrs Vanitha R ,Mr. Hakkem B	Development of A Facial Feature Monitoring for Real Time Drowsiness Prediction and Accident Prevention System	Mr. Suresh Kumar	05.06.2022
77.	202241023196	Patent Published	Mr Mohankuma M Dr Jaya J, Dr Viyalakshmi P, Dr Baskar D	Smart Urban Traffic Control and Management Using IoT	Mr. Mohankumar M	05.06.2022



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78.	202241024695	Patent Published	Dr Geetha P, Dr Jaya J Dr Viyalakshmi P	Enhanced Anomaly Detection in Videos with LSTM	Dr Geetha P	13.05.2022
79.	202241024698	Patent Published	Dr Sabitha R, Dr Purushothaman A, Lokeswaran K, Mugilan B, Nithesh	Adaptive Self Powered Renewable Energy Management in Home System	Dr Sabitha R	13.05.2022
80.	202241024751	Patent Published	Dr Geetha P, Dr Jaya J, Dr Viyalakshmi P	Breast Cancer Detection Using Machine Learning	Dr Geetha P	13.05.2022
81.	202241023212	Patent Published	Ms Vanitha R , Dr Jaya J, Dr Viyalakshmi P, Mr Suresh Kumar P, Ms. Vinodhini M	IoT Based Smart Assistance Gloves for Disabled Person	Ms. Vanitha R	13.05.2022
82.	202241023198	Patent Published	Ms. Menakadevi N, Dr Jaya J, Dr Viyalakshmi P, Mrs. Ramya S	Covid19 Patient Health Record Using Block Chain and IoT	Ms. Menakadevi N	13.05.2022
83.	202241024702	Patent Published	Dr Sabitha R, Dr, Purushothaman A	Whipsmart Decision Support System for Water Docket in Garden Plants	Dr Sabitha R,	14.05.2022
84.	202241024709	Patent Published	Dr Sabitha R, Dr Purushothaman A	Li-Fi Based Vehicle to Communicate with Pedestrians or Other Vehicles	Dr Sabitha R,	14.05.2022



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85.	202241025816	Patent Published	Dr Ramasethu L, Dr Jaya J, Dr Viyalakshmi P, Dr Chinnapparaj S,	Fraud Detection in E-Commerce Financial Transaction Using Behavior Diversity and Probability Density	Dr Ramasethu L	20.05.2022
86.	202241025807	Patent Published	Dr Baskar D, Dr Jaya J, Dr Viyalakshmi Mohan Kumar P, Dr Sureshbabu V	Accident Identification & Alerting System Using Ardurino	Dr Baskar	20.05.2022
87.	202241025808	Patent Published	Dr SureshbabuA , AnandhaSelva Karthick T, Dr Sureshbabu V	Enlargement of Vehicle Black Box Embed Mishap Observing Technique	Dr Sureshbabu A	20.05.2022
88.	202241025806	Patent Published	Dr Sureshbabu A, AnandhaSelva Karthick T, DrSureshbabu V	Cardiovascular Diseases Identification Using Advanced Machine Learning Algorithm	Dr Sureshbabu A	20.05.2022
89.	202241025810	Patent Published	Ms Sathyabama R, Dr Jaya J, Dr Vijayalakshmi P, Mr Suresh Kumar P, Dr Mahendra Khan K	Automatic Strawberries Fruits Quality Inspection System	Ms. Sathyabama R	20.05.2022
90.	202241022635	Patent Published	Dr Kalaiselvi K, Dr Jaya J, Dr Viyalakshmi P,	Android Control Wild Life Observation Robot	Dr Kalaiselvi K	20.05.2022



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			Mrs Ramya S			
91.	202241025813	Patent Published	Dr Ramasethu L, Dr Jaya J, Dr Vijayalakshmi P Dr.Chinanaparaj F S	Advanced Diagnosis of Covid 19 Symptoms and Drug Prescription Using Deep Optimization	Dr Ramasethu L	20.05.2022
92.	202241025812	Patent Published	MrAnandaselvakarthik T , Dr Jaya J, Dr Viayalakshmi P, Dr Sureshbabu V, MsrVinodhini N	Web Application Using MVC	Mr Anandselva Karthik T	20.05.2022
93.	202241025817	Patent Published	Dr Baskar D,Mohan Kumar M, Dr Sureshbabu V	Auditory Assisting System for Visually Challenged People	Dr Baskar D	20.05.2022
94.	202241025805	Patent Published	MrAnandaselvakarthik T, Dr Jaya J, Dr Viayalakshmi P Dr Sureshbabu A, Mrs N Vinodhini	Cognitive Radio Based Spectrum Sensing Using Signal Segmentation Algorithm	MrAnandaselvakarthik T	20.05.2022
95.	202241025809	Patent Published	Dr Sureshbabu A, AnandhaSelva Karthick T, Dr Suresh Babu V	Density Based Traffic Signal Control Using Ultrasonic and Bump Sensors	Dr Sureshbabu	20.05.2022
96.	202241025814	Patent Published	Dr Ramasethu L, Dr Jaya J Dr Viayalakshmi P	Impulsive Noise Error Detection Technique for Median Filter	Dr Ramasethu L,	20.05.2022



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			Dr Chninnaparaj S			
97.	202241025811	Patent Published	MsSathyabamaR , Dr Jaya J, Dr Viyalakshmi P, Dr K Mahendra Khan	Fake Job Removing System	Ms Sathyabama	20.05.2022
98.	202241030420	Patent Published	Mr BoobalanT ,DrPvijayalakshmi, Dr Jaya J,	Structural Health Monitoring System with Narrowband IoT& Mems Sensors	Mr. Boobalan T	06.03.2022
99.	202241022642	Patent Published	MrsNivethithaT, Dr Jaya J, Dr Viyalakshmi P, Mrsbrindha T	Design and Construction of Automated Smart Monitoring System of A Transformer Using IoT	Mrs. Nivethitha T	06.05.2022
100.	202241022637 A	Patent Published	Dr Poonguzhali P K, Dr Jaya J, Dr Viyalakshmi P, Mrs Brindha T	Brain Tumor Segmentation and Stage Classification Using SYM Classifier	Dr Poonguzhali P K	06.05.2022
101.	202241022672	Patent Published	DrUdayakumar A, Dr Jaya J ,DrViayalakshmiP, Mrkannan K R,	Image Base Wild Plant Detection and Sprinkling of Growth by Smart Robot	Dr Udayakumar A,	06.05.2022
102.	202241022638	Patent Published	DrPoonguzhali P K, Dr Jaya J,	IoT Based Smart Precision Agriculture	Dr Poonguzhali P K	06.05.2022



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			Dr Viyalakshmi P, Mrs Brindha T			
103.	202241023200	Patent Published	Mr Menakadevi N, Dr j Aya J, Dr Viyalakshmi P, Mrsramya S	Intelligent Public Transport System Using GPS Advanced IoT Technology	Mrs. Menakadevi	06.05.2022
104.	202241022669	Patent Published	Dr UdhayakumarA, Dr Jaya J, Dr Viyalakshmi P, Mr. Kannan K	A Smart Chair with Posture Recognition and Temperature Monitoring System	Dr UdhayaKumar	06.05.2022
105.	202241023209	Patent Published	Vanitha R, Dr Jaya J, Dr P Vijayalakshmin, Vinodhini N	Insolation Garner Using IoT	Ms. Vanitha R	06.05.2022
106.	202241023203	Patent Published	Ms. Ambika B, Dr Vijayalakshmi P Dr Jaya J, Dr Veerasamy B Ms. Vinodhini N	Oil Spill Detection in Image of Satellite	Ms. Ambika B	06.05.2022
107.	202241023187	Patent Published	Ms. Ambika B Dr Vijayalakshmi P, Dr Jaya J, Vanitha R ,	Haze and Noise Removal Algorithm for Remote Sate Light Sensing Images	Ms. Ambika B	06.05.2022



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			Ms. Vinodhini N			
108.	202241022658	Patent Published	Dr Ramya J, Dr Jaya J, Dr Viyalakshmi P Dr Kavitha S	An Intelligent Robotic Wheelchair for Physically Challenged People	Dr Ramya J,	06.05.2022
109.	202241022647	Patent Published	Mrs. Nivethitha T, Dr Jaya J, Dr Viyalakshmi P, Mrs Brindha S,	Quantitative Detection And Prediction Of Asphyxiating Gas Monitoring The Environment	Mrs. Nivethitha T	06.05.2022
110.	202241022639	Patent Published	Dr Poonguzhali P K, Dr Jaya J, Dr Dr.Viyalakshmi P , Mrs Brindha S	Spy Robot with Self Destruction Function	Dr Poonguzhali P K	06.05.2022
111.	202241023254	Patent Published	Mr Veerasamy B, Dr Jaya J, Dr Viyalakshmi P, Mr. Surresh Kumar P, Dr Mahendra Khan K, Ambika B	Brain Tumor Detecting Using A Novel Image Processing	Mr. Veerasamy B	06.05.2022
112.	202241023254	Patent Published	Mr. Veerasamy B, Dr Jaya J ,	Brain Tumor Detecting Using A Novel Image Processing	Mr. Veerasamy B	06.05.2022



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			Dr Viyalakshmi P, Mr. Suresh Kumar P, Dr Mahendra Khan K Ambika B,			
113.	202241023253	Patent Published	Mr Veerasamy B, Dr Jaya J , Dr Viyalakshmi P, Mr. Suresh Kumar P, Dr Mmahendra Khan	Asthma & Heart Risk Prediction Based on Machine Learning Using IoT And Smartphone Applications	Mr. Veerasamy B	06.05.2022
114.	202241023246	Patent Published	Dr Jaya J, Dr P Vijayalakshmi, Mr. P Suresh Kumar, Dr Veerasamy B, Mr. B Hakkem	Offtech Tool and End URL Finder	Dr Jaya J	06.05.2022
115.	202241022648	Patent Published	Dr Kalaiselvi K, Dr Jaya J, Dr Viyalakshmi P, Mrs. Ramya S	Stroke Detection Using Deep Learning	Dr Kalaiselvi K	06.05.2022
116.	202241022661	Patent Published	Dr Ramya J, Dr Jaya J, Dr Viyalakshmi P, Dr Kavitha S	Deep Convolutional Neural Network for Automated Robust Alphanumeric Character Recognition	Dr Ramya J	06.05.2022
117.	202241022662	Patent Published	Dr Jaya J, Dr Viyalakshmi P, Dr Rramya J, Dr Kavitha S	A System for Border Identification and Air Velocity Detection Towards Fishermen Safety	Dr Jaya J	06.05.2022



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118.	202241022984 A	Patent Published	Dr Kalaiselvi K, Ms. Ramya S Ms. Kalpana K, Mr. Abdul Hayum A, Dr Chinnapparaj S, Mr. Bhakkem	An Efficient Human-Robot Collaboration Using DBN Dynamic Bayesian Network	Dr Kalaiselvi K	06.05.2022
119.	202241027497	Patent Published	Mr. Suresh Kumar P, Ms. Ambika B Ms. Vanitha R,	The Secure Payment Method in Health Care Using Computer Deep Learning and Cloud Monitoring	Mr. Suresh Kumar P	17.06.2022
120.	202241023046	Patent Published	Dr.Jaya J Dr.Ananthamoorthy N P Maheshkumar N Vandarkuzhali T Sheik Manikandan G Sivarama Subramanian R Aldrin Samuel A Sathish Kumar.V	Automatic Street Lighting Using Renewable Energy Sources	Dr J. Jaya	8.06.2022
121.	202211005941 A	Patent Published	Mrs Nivethitha T, Dr UdhayakumarA , Dr Prerna Dawar Saluja, Dr Priyambada Purohit, Anu Prakash,	A Business Management System for Monitoring Performance Indicators of An Enterprise Using an Electronic Device	Mrs. Nivethitha T,	11.02.2022



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			Dr Sunita Pachar, Aamir Junaid Ahmad,			
122.	202241057162	Patent Published	Mr.T Boopalan	Error Detection in PCB Using Image Processing	Mr.T Boopalan	18.11.2022
123.	202241050984	Patent Published	Dr. V Premchandran	Close Monitoring of Patient Medication and Automated medication	Dr. V Premchandran	16.09.2022
124.	202241049892	Patent Published	Dr. P.Vijayalakshmi Dr Poonguzhali P K Mr.T Boopalan	Automated Toll Tax Collection System Using IoT	Dr. P.Vijayalakshmi Dr Poonguzhali P K Mr.T Boopalan	6/10/2022
125.	370733-001	Granted	Dr. P.Vijayalakshmi	Device to Locate Leakage and Blockage N Pipelines (Based on Artificial Intelligence	Dr. P.Vijayalakshmi	13.01.2023



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Student Patent Published

S.No.	Application Number	Status of Patent (Published / Granted)	Name of The Student	Patent Title	Application Number	Published Date
1.	02141061695	Patent Published	RifhathRizan M	Cross-Loc Infiltration Protection	02141061695	21.01.2022
			RohulSibi. M	Surveillance Drone to Support Anti Drone		
			Shruthi K	System		
			Sneha P			
	202141061691	Patent Published	Jeyadharani P	Cultivation Drone for Contour Farming and	202141061691	21.01.2022
			Subhiksha S	Farmland		
Yamuna A						



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2.	202241025816	Patent Published	Ajith C Delin G J Ganesh Varma G	Fraud Detection In E- Commerce Financial Transaction Using Behavior Diversity and Probability Density	202241025816	20.05.2022
3.						
4.	202241022672	Patent Published	Adhithyan S Aswin M Augustin Joshua K	Image Base Wild Plant Detection and Sprinkling of Growth By Smart Robot	202241022672	06.05.2022
5.	202241022638	Patent Published	AbubackerSidik M Arulsri Muthu Kumaran K Ganesan K	IoT Based Smart Precision Agriculture	202241022638	06.05.2022
6.	202241023200	Patent Published	Ashwin B Deepak M Devprasath R Karnaraja K N	Intelligent Public Transport System Using Gps \$ Advanced IoT Technology	202241023200	06.05.2022
7.	202241022642	Patent Published	Boopathi Raja M Gokula Krishnan N		202241022642	06.05.2022



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			Hajmadhulla U	Design and Construction of Automated Smart Monitoring System of A Transformer Using IoT		
8.	202241022655	Patent Published	Dharanesh Kumar S	Covid-19 Detection & Symptoms Checker Using Deep Learning	202241022655	29.04.2022
			Dinesh Prabakaran V			
			Harinath S			
9.	202241030152	Patent Published	Alagusundaram S	An Off-Grid Energy Harvesting Technique for Human Mental Health Therapeutic Treatment Purpose-	202241030152	03.06.2022
			Amreen R			
			Gowsik P			
			Immaculate Pavithra R			
10.	202241025807	Patent Published	Arul T	Accident Identification & Alerting System Using Ardurino	202241025807	20.05.2022
			Dharmaraj M			
			Chandru.C			
11.	202241023189	Patent Published	Ajay S	Multi Functioned Battery Health Monitoring System Using IoT	202241023189	06.05.2022
			Gowthaman P			
			Hariharan R			
12.	202241023244	Patent Published	GurramkondaTeja	Development of A Facial Feature Monitoring for Real Time Drowsiness Prediction And Accident Prevention System	202241023244	06.05.2022
			Harishwan M			
			Jayanth K			



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13.	202241023196	Patent Published	Aakash U	Smart Urban Traffic Control and Management Using IoT	202241023196	06.05.2022
			Aravind S			
			Gokulraj R			
14.	202241025808	Patent Published	Abdul Hathil J	Enlargement of Vehicle Black Box Embed Mishap Observing Technique	202241025808	20.05.2022
			Karan V			
			Karthick A			
15.	202241030420	Patent Published	Harshavardhan D	Structural Health Monitoring System with Narrowband IoT& Mems Sensors	202241030420	03.06.2022
			Karan S H			
			Karthickeyan K			
16.	202241022669	Patent Published	Karuppasamy P	A Smart Chair with Posture Recognition and Temperature Monitoring System	202241022669	06.05.2022
			Kavinkumar J			
			Neelakandan V			
17.	202241023209	Patent Published	Kavi Priyamvadha N	Isolation Garner Using IoT	202241023209	06.05.2022
			Malavika Thankachy P R			
			Manochitra.G			
			Poorani R			
18.	202241023203	Patent Published	Keerthana K	Oil Spill Detection in Image of Satellite	202241023203	06.05.2022
			Mizpah Hephzibah A			
			PeddiPravallika			



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19.	202241023187	Patent Published	Kishore S	Haze and Noise Removal Algorithm for Remote Sate Light Sensing Images	202241023187	06.05.2022
			Kubenthiran P			
			Manoj B R			
20.	202241025806	Patent Published	Livingstone Arthiur Raj M	Cardiovascular Diseases Identification Using Advanced Machine Learning Algorithm	202241025806	20.05.2022
			Mukesh M			
			Nandha Kumar M			
21.	202241022658	Patent Published	ManojDhanaraj D	An Intelligent Robotic Wheelchair for Physically Challenged People	202241022658	29.04.2022
			Manoj Kumar B			
			Praveen K (18.12.2000)			
22.	202241025810	Patent Published	Manasa G R	Automatic Strawberries Fruits Quality Inspection System	202241025810	20.05.2022
			Nisha G			
			Pavithra M			
23.	202241022635	Patent Published	Manjunathan S	Android Control Wild Life Observation Robot	202241022635	06.05.2022
			Manoj Kumar K			
			Navaneetha Krishnan K T			
24.	202241025813		Manojkumar S		202241025813	20.05.2022
			Mohamed Musaraf M			



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		Patent Published	Nanda Kumar C	Advanced Diagnosis of Covid-19 Symptoms and Drug Prescription Using Deep Optimization		
25.	202241025812	Patent Published	Mithunkumar L Mohan Kumar S Nitheesh M	Web Application Using Mvc	202241025812	20.05.2022
26.	202241022647	Patent Published	Mohana Jegadeesh M Mouleeswaran P Mukilan K	Quantitative Detection and Prediction of Asphyxiating Gas Monitoring The Environment.	202241022647	06.05.2022
27.	202241024695	Patent Published	Naga Tirupathirao Naveen B Naveen Kumar A Narentheran S	Enhanced Anomaly Detection in Videos with LSTM	202241024695	13.05.2022
28.	202241022639	Patent Published	Poojith V Praveen K (10.02.2001) Julakanti Ashok Reddy	Spy Robot with Self Destruction Function	202241022639	06.05.2022
29.	202241024698		Lokeshwaran K Mugilan B	Adaptive Self Powered Renewable Energy Management in Home System	202241024698	13.05.2022



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		Patent Published	Nithesh M			
30.	202241023254	Patent Published	Mani Maran V Pasupathi P M	Brain Tumour Detecting Using A Novel Image Processing	202241023254	06.05.2022
31.	202241025817	Patent Published	Meenatchi Sundaram B Nithish Kumar K Prasanth S	Auditory Assisting System for Visually Challenged People	202241025817	20.05.2022
32.	202241025805	Patent Published Patent Published	Praveen S Saravanan G Suman M	Cognitive Radio Based Spectrum Sensing Using Signal Segmentation Algorithm	202241025805	20.05.2022
33.	202241025809	Patent Published	Prince A Raj S Patel Vishnu Prabhakar D	Density Based Traffic Signal Control Using Ultrasonic and Bump Sensors	202241025809	20.05.2022
34.	202241025814	Patent Published	Priyadharshan R Vengatesh N Vinoth K	Impulsive Noise Error Detection Technique for Median Filter	202241025814	20.05.2022



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35.	202241025811	Patent Published	Ragavendra R	Fake Job Removing System	202241025811	20.05.2022
			Venkadesan J			
			Shakil Ahmed N			
			Surya Prakash N			
36.	202241022650	Patent Published	Ram Kumar I	Smart Poultry Farm Using Microcontroller	202241022650	29.04.2022
			RoghInico S			
			Rohindh B			
37.	202241023253	Patent Published	Sanjay Kumar T	Asthma & Heart Risk Prediction Based on Machine Learning Using IoT And Smartphone Applications	202241023253	06.05.2022
			Surya Prakash S			
			Vijaya Ragavan S M			
38.	202241022654	Patent Published	Sarika K	Object Detection System for Improving Safety at Unmanned Railway Crossing Using Image Processing	202241022654	29.04.2022
			Shangamithrra M			
			Sruthii R			
39.	202241023246		SasiTharan S	Offtech Tool and End URL Finder	202241023246	06.05.2022



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		Patent Published	Shrisanjaykumaar.K Sivaprakash S			
40.	202241022648	Patent Published	Sathyasri R Saumya V Sivapriya S	Stroke Detection Using Deep Learning	202241022648	06.05.2022
41.	202241022656	Patent Published	Sivasubramanian R Sridhar S Vikram N	Automatic Acceleration Control in Traffic Signal/ School Zone	202241022656	29.04.2022
42.	202241024751	Patent Published	Sneha R Sneka S Subhiksha R	Breast Cancer Detection Using Machine Learning	202241024751	13.05.2022
43.	202241023212	Patent Published	Sneha S Vidhya R	IoT Based Smart Assistance Gloves for Disabled Person	202241023212	13.05.2022



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			Deepthisree K			
44.	202241030142	Patent Published	Sujith Kumar S	Solar Power Automated Automotive for Charging Station	202241030142	03.06.2022
			Surya Prasath S			
			Suresh. K			
45.	202241022661	Patent Published	Suriya A K	Deep Convolutional Neural Network for Automated Robust Alphanumeric Character Recognition	202241022661	06.05.2022
			Vasanthakumar S			
			Vengadesan K			
46.	202241023198	Patent Published	Vishal V	Covid-19 Patient Health Record Using Block Chain and IoT	202241023198	13.05.2022
			Yashenth A M			
			RubanImmanuvel			
47.	202241024702	Patent Published	Ramesh M	Whip-Smart Decision Support System for Water Docket in Garden Plants	202241024702	13.05.2022
			Manoj.C			
			Sathiyabharathi.B			



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48.	202241022637	Patent Published	Akalya M	Brain tumor segmentation and stage classification using SVM classifier	202241022637	06.05.2022
			Dhana Lakshmi K. P			
			Gayathri Jothi P			
			Hari Priya R			
49.	202241024709	Patent Published	Christina Sugi kesita	LI-FI based vehicle to communicate with pedestrians or other vehicles	202241024709	13.05.2022
			Ishwarya.S			
			Deepajothi.M			
50.	202241022662	Patent Published	M.V.Bhuvanavarsini	A system for border identification and Air velocity detection towards Fishermen Safety	202241022662	06.05.2022
			Blessy Deborah			
			Dhamodharan			
			Ajitha I			
			Aparna S Naiair			
51.	202241037265	Patent Published	Mohamed Siranjudeen M	Lung Pattern Classification for Interstitial Lung Disease Using Deep Convolution Neural Network	202241037265	8.07.2022
			Nafis Ahamed S			
			Navin Kiran R			



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