

Details of Patents Filed, Published and Granted

Sl.No	Applicant's Name	Inventor's Name	Title	Application No. & Patent Filed date	Granted Date	Patent No
Academic Year 2023-2024						
1.	Mr.Veeramani Rajumani	Mr.Veeramani Rajumani	Floating Wind Powered Aerator System for Ponds and Lakes (UK Design)	Application No: 6309099 & Filed date 08/09/2023	Granted on 18/09/2023	6309099
2.	Mr.Sivasankar Rajamani Periyasamy	Mr.Sivasankar Rajamani Periyasamy	Sensor based Wearable Medical Monitoring Device. (UK Design)	Application No: 6308755 & Filed date: 08/09/2023	Granted on 25/09/2023	6308755
3	Dr.Yuvarajan K P	Dr.Yuvarajan K P	Glucose Level Tracking Device (UK Design)	Application No: 6316349 Filed date: 01/10/2023	Granted on 19/10/2023	6316349
4	Mrs.Gowthami Deivasigamani	Mrs.Gowthami Deivasigamani	Portable device for bone cancer detection (UK Design)	Application No:: 6318514 & Filed date: 13/10/2023	Granted on 20/10/2023	6318514
5	Mrs.P.Thilagavathy	Mrs.P.Thilagavathy	Wireless Monitoring system for Mine Safety (Design Patent)	Application No: 395318-001 Filed Date 17/09/2023	Granted on 26/10/2023	395318-001
6	Dr.S.Karthikeyan	Dr.S.Karthikeyan	Solar Power Air Pollution Detecting Bill Board. (Design Patent)	Application No: 395642-001 Filed Date 21/09/2023	Granted on 02/11/2023	395642-001
7	Dr.R.Eswaramoorthi Dr.A.Velliangiri	Dr.R.Eswaramoorthi Dr.A.Velliangiri	Face Mask Detector (Design Patent)	Application No: 363759-001 Filed date: 05/05/2022	Granted on 08/11/2023	363759-001
8.	Dr.R.Eswaramoorthi	Dr.R.Eswaramoorthi	AI and IoT based enhanced patient healthcare monitoring system	Application No: 202321069307A & Filed on 14/10/2023	Published on 24/11/2023	---
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	Application No: 202341071949 A Filed Date 20/10/2023	Published on 01/12/2023	----

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10	Dr Sathees Kumar Rajagounder	Dr Sathees Kumar Rajagounder	Smart Home Air Quality Monitoring Device (UK Design)	Application No:: 6329033 Filed date: 27/11/2023	Granted on 04/12/2023	6329033
11	Mr.J.Rameshkumar	Mr.J.Rameshkumar	IOT Based Automated Rail Track Inspection Trolley (Design Patent)	Application No: 397634-001 Filed Date 14/10/2023	Granted on 08/12/2023	397634-001
12	Mr.M.Jothimani	Mr.M.Jothimani	Wind and Solar Power Charging Station for E Vehicle. (Design Patent)	Application No: 397631-001 Filed Date 14/10/2023	Granted on 27/12/2023	397631-001
13	Dr.K.P.Uvarajan Dr.T.M.Sathish Kumar	Dr.K.P.Uvarajan Dr.T.M.Sathish Kumar	Solar Charging Station (Design Patent)	Application No 364440-001 Filed Date 19/05/2022	Granted on 05/01/2024	364440-001
14	Mr.Sanjay L	Mr.Sanjay (Student)	Interactive Based Smart Board Display (Design Patent)	Application No: 400386-001 Filed Date 21/11/2023	Granted on 15/01/2024	400386-001
15	Mrs..Thilagavathi.P	Mrs..Thilagavathi.P	Wind Solar Hybrid Power Plant System (Design Patent)	Application No: 400387-001 Filed Date 21/11/2023	Granted on 15/01/2024	400387-001
16	Dr.C.Gowri Shankar	Dr.C.Gowri Shankar	USB Device to Shutdown PC when not in use (Design Patent)	Application No: 399891-001 Filed Date 14/11/2023	Granted on 19/01/2024	399891-001
17	Dr.R.Poornima	Dr.R.Poornima	Health Check up device for Pet Animals (Design Patent)	Application Number 400160-001 Filed Date 18/11/2023	Granted on 02/02/ 2024	400160-001
18	Mrs.P.Usha Dr.R.Eswaramoorthi	Mrs.P.Usha Dr.R.Eswaramoorthi	Smart Wearable Device for Real Time Health Monitoring (Design Patent)	Application No: 402106-001 Filed Date 14/12/2023	Granted on 16/02/2024	402106-001
19	Mr. Karuppanasamy Krishnamurthi,	Mr. Karuppanasamy Krishnamurthi,	Sensor based Smart Pillow for healthcare System (UK Design)	Application No: 6331000 Filed date: 04/12/ 2023	Granted on 13/12/ 2023	6331000
20	S.Suruthi	S.Suruthi	Skin Disease Detection using Deep Learning	Application No: 202441029329 A & Filed Date	Published on 19/04/2024	--

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				11/04/2024		
21	S.Suruthi	S.Suruthi	Stress Detection based on Emotion using a Convolutional Neural Network in Deep Learning	Application No: 202441029330 A & Filed Date 11/04/2024	Published on 19/04/2024	---
22	Dr.T.M Sathish Kumar	Dr.T.M Sathish Kumar	Vehicle-to Vehicle Communication using Light Fidelity(LI-FI) Technology	Application No: 202441029331 A & Filed Date 11/04/2024	Published on 19/04/2024	---
23	M.Jothimani	M.Jothimani	Integration IOT for Seamless Energy Management and Theft Protection	Application No: 202441029332 A & Filed on 11/04/2024	Published on 19/04/2024	--
24	Dr.A.Velliangiri	Dr.A.Velliangiri	IOT based Smart Warehouse Management using Machine Learning	Application No: 202441029333 A & Filed Date 11/04/2024	Published on 19/04/2024	---
25	J.Ramesh Kumar	J.Ramesh Kumar	Exposing Facial Expressions Through Neural Networks and Landmark Detection.	Application No: 202441029334 A & Filed Date 11/04/2024	Published on 19/04/2024	---
26	Dr.C.Gowri Shankar	Dr.C.Gowri Shankar	Vehicle Theft Identification and Detection of Road Accident Through CCTV Surveillance	Application No: 202441029335 A & Filed Date 11/04/2024	Published on 19/04/2024	----
27	Dr.R.Satheeskumar	Dr.R.Satheeskumar	Wireless Charging System for Electric Vehicle	Application No: 202441029336 A & Filed Date 11/04/2024	Published on 19/04/2024	---
28	R .Veeramani	R .Veeramani	Designing of Insert Feed Broadband Microstrip Patch Antenna with Defected Ground Structure	Application No: 202441029337 A & Filed Date 11/04/2024	Published on 19/04/2024	----
29	K.Karuppanasamy	K.Karuppanasamy	IOT based Smart Healthcare Monitoring System for the Paralysees and Mute Person	Application No: 202441029338 A & Filed Date 11/04/2024	Published on 19/04/2024	---

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30	Dr.P.Mahendran	Dr.P.Mahendran	Smart Agriculture System using Machine Learning	Application No: 202441029339 A & Filed Date 11/04/2024	Published on 19/04/2024	----
31	S.Sridevi	S.Sridevi	Electricity Consumption Prediction and Control using Machine Learning in Smart Home	Application No: 202441029340 A & Filed Date 11/04/2024	Published on 19/04/2024	----
32	Dr.R.Poornima	Dr.R.Poornima	Enhancing MIMO-NOMA System Performance: Deep Learning-Enabled Optimization of Sum Data Rate and Energy Efficiency	Application No: 202441029341 A & Filed Date 11/04/2024	Published on 19/04/2024	-----
33	P.Sivasankar Rajamani	P.Sivasankar Rajamani	Automatic Fare Collection in Public Transport	Application No: 202441029342 A & Filed Date 11/04/2024	Published on 19/04/2024	-----
34	S.Krishnakumar	S.Krishnakumar	Emergency Tele-Surgery Operation for Military People during Wartime through IOT	Application No: 202441029343 A & Filed Date 11/04/2024	Published on 19/04/2024	---
35	S.Sridevi	S.Sridevi	Experimental Evaluation of Diabetic Retinopathy and Related Eye Disease Identification using Intelligent Deep Learning Principles	Application No: 202441029344 A & Filed Date 11/04/2024	Published on 19/04/2024	----
36	P.Thilagavathy	P.Thilagavathy	Design and Implementation of High-Accuracy FIR-Based Approximate Multiplier	Application No: 202441029345 A & Filed Date 11/04/2024	Published on 19/04/2024	-----
37	P.Usha	P.Usha	Predictive Analysis of BIG Mart Sales using Machine Learning Algorithm	Application No: 202441029346 A & Filed Date 11/04/2024	Published on 19/04/2024	-----

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38	D.Gowthami	D.Gowthami	Drainage Blockage Detection and Control System using IOT	Application No: 202441029347 A & Filed Date 11/04/2024	Published on 19/04/2024	----
39	Dr.K.P.Uvarajan	Dr.K.P.Uvarajan	An AI based Real-Time Road Analysis System using MEMS Data with IOT Application.	Application No: 202441029348 A & Filed Date 11/04/2024	Published on 19/04/2024	-----
40	Dr.S.Karthikeyan	Dr.S.Karthikeyan	Motor Cycle Helmet and Triple Riding Compliance Detections using Deep Learning	Application No: 202441029349 A & Filed Date 11/04/2024	Published on 19/04/2024	----