

Dr.Mahalingam College of Engineering and Technology: Pollachi -03
Patent Details
Department of Electrical and Electronics Engineering

Patent Details

S. No	Name of the Applicant/Inventor	Title of patent	Date of the Filed / Published / Granted	Status
1.	Dr.A.Senthil Kumar	Model Predictive Current Control of Single-Phase 9-Level Reduced Switch Multilevel Inverter	Date of filing 13/05/2021. Publication Date : 11/06/2021	Published
2.	Dr.A.Senthil Kumar	Smart Health Monitoring System	Date of filing 24/03/2022. Publication Date : 15/04/2022	Published
3.	Dr.M.Kaliamoorthy	Model Predictive Current Control of Single-Phase 9-Level Reduced Switch Multilevel Inverter	Date of filing 13/05/2021. Publication Date : 11/06/2021	Published
4.	Dr.B.Vinoth Kumar	Switching Device	Date of filing :21/02/2020 Publication Date : 24/04/2020	Under Examination
5.	Dr. K. Umamaheswari	Real Time Based IoT Enabled Smart Metering System	Date of filing 11/06/2021. Publication Date : 16/07/2021	Published
6.	Dr.Chitra	Ergonomic Of Child Seat In Electric Tri-scooter	Date of filing 24/09/2021	FER received

7.	Dr.B.Kishore	Cost Effective Congruence mechanism for self-regulating molding machine using IOT and signal processing	Date of filing 11/05/2021 , Publication date: 16/07/2021	Published
8.		IoT Enabled Convenient Digital Spectrophotometer to Investigate Engine Oil and Impurities Level in Real Time Practice	Date of filing 12/07/2021 , Publication date: 11/06/2021	Published
9.		A Supporter for Portable Terminal	Date of filing 04/09/2021	Granted on 15.12.2022
10.		IOT and Cloud, smart grid based control - Algorithm for Hybrid Power device using AI	"Date of filing 2/05/2022. Publication Date : 13/05/2022"	Published
11.		Self-Charging Bi-Cycle with Solar Panel	Date of filing :07/04/2021 Publication Date : 23/04/2021	Granted on 03.08.2022
12.	Dr.Anthony Jesudhurai	A System for power transmission trough Internet of things	Date of filing :21/03/2022 Publication Date : 25/03/2022	Published
13.	Mr.R. Muthubharathi	A DATA PROCESSING DEVICE FOR ELECTRIC VEHICLE BASED ON IOT	"Date of filing 10/03/2022. Publication Date : 25/03/2022"	Published
14.	Dr K Saranya	PNH-Device: IoT-Based ICU Patient Notification and Health Monitoring Device	Date of filing :23/11/2021 Publication Date : 10/12/2021	Published
15.	Mr.D.Gnanaprakasam	Development of an Intelligently connected Distillation device for water Purification	Date of filing :23/11/2021 Publication Date : 10/12/2021	Published
16.		Artificial Intelligence Employed To Create A	Date of filing 11/12/2021.	Published

		Revolutionary Energy efficient Intelligent Device For Weather Observation	Publication Date : 17/12/2021	
17.	Ms.K.Durgalakshmi	Development of an Intelligently connected Distillation device for water Purification	Date of filing :23/11/2021 Publication Date : 10/12/2021	Published
18.		Artificial Intelligence Employed To Create A Revolutionary Energy efficient Intelligent Device For Weather Observation	Date of filing 11/12/2021. Publication Date : 17/12/2021	Published
19.	Mr.M.Praburaj	Effective Solar - Thermal Plant with circulating solar radiation	Date of Filing : 18/02/2022 Date of Publication : 04/03/2022	Published
20.	Mr.T.Sathishkumar	Artificial Intelligence based smart powering technique using solar tracking system	Date of filing 14/09/2021. Publication Date : 29/10/2021	Published
21.		Deep Learning Based Fault Detection Electrical Distribution Network	Date of filing 30/10/2021. Publication Date : 12/11/2021	Published
22.	Dr.K.Rameshkumar	Model Predictive Current Control of Single-Phase 9-Level Reduced Switch Multilevel Inverter	Date of filing 13/05/2021. Publication Date : 11/06/2021	Published
23.		Smart Pharma Drug Locator	July 2021	Published
24.		AI Based Anti-Theft Detection in Two Wheelers	Date of filing :12/08/2021 Publication Date : 20/08	Published
25.		Development of robotics hand fingers using worm and wheel mechanism	Date of filing 25/11/2021. Publication Date : 10/12/2021	Published

26.		A multipurpose solar taillight for bycycle	Date of filing :19/11/2021.	Filled
27.		DETECTION OF BEETLES IN COCONUT GROVE	Date of Filing : March 2022	Filled
28.	Ms.D.Suganya Devi	Smart Health Monitoring System	Date of filing 24/03/2022. Publication Date : 15/04/2022	Published
29.	Mr. J.Nagarajan	Machine Learning-Based Image Processing System to Analyse Human Skin Quality	Date of filing :29/04/2021 Publication Date : 07/05/2021	Published
30.		A Deep Convolutional Neural Network System for Lithium-Ion Battery Capacity	Date of filing :02/10/2022 Publication Date : 14/10/2022	Published
31.	Dr.N.Yogambal Jayalakshmi	Battery Swapping Smart station for future E-vehicle transportation	Date of filing :14/05/2021 Publication Date : 11/06/2021	Published
32.		Real Time Based IoT Enabled Smart Metering System	Date of filing 11/06/2021. Publication Date : 16/07/2021	Published
33.		Portable IOT based Hybrid Power Generator for Commercial Purpose	Date of filing :12/03/2021 Publication Date : 19/03/2021	Published
34.		AI Based Hybrid LEG Wheel Track Ground Mobile Robot	Date of filing :22/03/2021 Publication Date : 26/03/2021	Published
35.	Ms.A.Selvanayakam	Smart Health Monitoring System	Date of filing 24/03/2022. Publication Date : 15/04/2022	Published
36.	Ms.N.Aarthi	Smart Health Monitoring System	Date of filing 24/03/2022. Publication Date : 15/04/2022	Published