

Department of Electrical and Electronics Engineering

Patents Filed / Published Details for the AY 2021-22

Sl. No	Title of Patent	Jurisdiction/ Published in Indian Patent Journal/ Published Date	Inventors' Name (Faculty / Students)	Status
1.	Battery Monitoring & Management System for Electric Vehicle 202041056563 E-2/3838/2020-CHE	India 53/2021 31/12/2021	Dr. Gunapriya B, Dr. Vinoth Kumar K, Dr. Mahesh. M Ms. Deepa V. Bolanavar Mr. Satish Kumar D Ms. Rashmi N	Published in AY 2021-22
2.	202041056571 E-2/3846/2020-CHE A Collaborative Robot to Serve Patients and to Collect Infectious Wastage at the Isolation Ward	India 53/2021 31/12/2021	Dr. A. Singaravelan	Published in AY 2021-22
3.	202141000144 E-2/19/2021-CHE Monitoring of Fault Diagnosis in Asynchronous Motor Using Transform Analysis	India 53/2021 31/12/2021	Dr. Vinoth Kumar K Mr. Satish Kumar D Dr. Mahesh M Dr. Gunapriya B	Published in AY 2021-22
4.	202141000145 E-2/20/2021-CHE Monitoring of Artificial Neural Network Based Fault Identification in a Three Phase Induction Motor Using aTmega-32(A)	India 53/2021 31/12/2021	Dr. Vinoth Kumar K Dr. Mahesh M Dr. Gunapriya B	Published in AY 2021-22
5.	202141000146 E-2/21/2021-CHE Security Aspects of Asynchronous Motor Using Mobile Communication Analysis	India 53/2021 31/12/2021	Dr. Vinoth Kumar K Dr. Mahesh M	Published in AY 2021-22
6.	Testing Method of Asynchronous Motor Using Multiresolution Analysis E-2/2087/2021-CHE 202141029340 Dt. 30/06/2021	India 53/2021 31/12/2021	Dr. Vinoth Kumar K Dr. Mahesh M Dr. Gunapriya B	Published in AY 2021-22
7.	Home Energy Management Device for Demand Response Program to Reduce Consumption Cost and Peak Demand	India 53/2021 31/12/2021	Dr. A. Singaravelan Dr. M Mahesh	Published in AY 2021-22

	E-2/2088/2021-CHE 202141029341 Dt. 30/06/2021			
8.	Real Time Monitoring of Bearing Faults in Wind Turbine E-2/1982/2021-CHE 202141027654 Dt. 21/06/2021	India 53/2021 31/12/2021	Dr. Vinoth Kumar K Dr. Mahesh M Dr. Gunapriya B	Published in AY 2021-22
9.	Novel system, method of Intelligent agriculture field monitoring system based on IOT Technology E-2/3391/2021-CHE 202141045106 Dt. 05/10/2021	India 50/2021 Dated 10/12/2021	Dr. Sujitha S	Published in AY 2021-22
10.	Novel system, method, design, development of military safety and surveillance robot E-2/3392/2021-CHE 202141045107 Dt. 05/10/2021	India 50/2021 Dated 10/12/2021	Dr. Sujitha S	Published in AY 2021-22
11.	Wireless Energy Generation/Extraction from Rotating Drum Suitable for Low Power Applications E-2/2085/2021-CHE 202141029338 Dt. 30/06/2021	India 50/2021 Dated 10/12/2021	Dr. Mahesh M	Published in AY 2021-22
12.	Micro Inverter for Grid-Connected Photovoltaic Generation E-2/2086/2021-CHE 202141029339 Dt. 30/06/2021	India 50/2021 Dated 10/12/2021	Dr. Gunapriya B Dr. Vinoth Kumar K Dr. Mahesh M	Published in AY 2021-22