



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Dindigul – Palani Highway, Dindigul – 624 002

Department of Electronics and Communication Engineering

Patents Details

Topic	Inventors	Application No	Date	Status
2022-2023				
Machine learning-driven battery health assessment device incorporating Electrochemical impedance spectroscopy	Dr.K.Rajesh	202341062373	16/09/2023	Published in patent journal and awaiting request for examination
2021-2022				
Intelligent agriculture system to assist farmers in choosing better decisions using data science	Dr. S. Karthigai Lakshmi Dr. C. Sujatha Mr. K.S. Arun Kumar Mrs. A. Geetha Mrs. G. Saranya	202141054340	10/12/2021	Published in patent journal and awaiting request for examination
2020-2021				
CNN based fast lithium ion battery capacity estimation for electric vehicle	Mr. Mankandan Mrs. M. Jeyalakshmi Mrs. A. Parameswari	202141025921	25/06/2021	Published in patent journal and awaiting request for examination
IoT based smart wearable child and women's safety device	Mr.S.Senthilkumar	202041049152	13/11/2020	Published in patent journal and awaiting request for examination
IoT based proactive surveillance to identify real time theft	Dr.K.Rajesh	202041047140	06/11/2020	Published in patent journal and awaiting request for examination
2019-2020				
Application of NB-IOT in low power radio frequency identification	Dr.K.Vinoth Kumar Dr.G.Mohan Babu Mr.R.Carol Praveen	202041008872	24/04/2020	Published in patent journal and awaiting request for

				examination
Method of processing of complex elevator operations	Mr. M. Premkumar Mr. S.R. Ashokkumar Mr. S. Jayakumar Mr. V. Jeevanantham	202041001633	24/01/2020	Published in patent journal and awaiting request for examination
A robust video watermarking scheme	Dr. K. Vinoth Kumar	202041000991	24/01/2020	Published in patent journal and awaiting request for examination