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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PATENTS FILED/PUBLISHED

S. No:	Academic Year	Name of the Inventor(s) with designation	Title of Invention	Date of Filing	Patent No. (or) Application No.	Date of Publication	Status
1	2021-22	Dr. Catherine T J Associate Professor	Deep Learning and Wireless based Energy Efficient Autonomous System for Pollution Control in E-Cities	12/11/2021	202141051866 A	26/11/2021	Published
2	2020-21	Mr. K. Gunalan Associate Professor	An automated Number Plate Recognition System Using Image Processing	30/04/2021	202141019985A	Published	Published
3	2020-21	Dr. Bindu K V Assistant Professor Ms. Nageswari D Assistant Professor Ms. Geethamahalakshmi G Assistant Professor	A quick and effective disease prediction and treatment suggestion system based on machine learning	10.05.2021	202121021150	07/05/2021	Published
4	2020-21	Mr. L. Umasankar Assistant Professor	General Machine Learning Model for Access Point Placement in Re-	19.04.2021	202141017934	30.04.2021	Published

			configurable Wireless Networks				
5	2020-21	**Mr. Umasankar L** Assistant Professor	Multimode wind Turbine variable Pitch angle control system using Electronic communications system	10.10.2020	202041039172	18.10.2020	Published
6	2018-19	**Ms. Catherine T J** Associate Professor	Driver Awakening System in Automobiles using Lane Correction and Automatic Breaking	April 2019	TN-PIC/2019/PA057	-	Yet to publish
7	2016-17	**Dr. N. Kalaiarsi** Professor & Head Mr. **K. Gunalan** Associate Professor **Dr. J. Prakash** Associate Professor **Ms. D.Nageswari** Assistant Professor **Mr. N. Hariharan** Assistant Professor **Ms. V. Thenmozhi** Under Graduate Student	Enhancement of Safety Measures in Metro Rail Using Plc and SCADA	July 2016	201641018081	February 2017	Awaiting Examination